



No. 41

9 OCTOBER 2004



UNITED STATES OF AMERICA

NOTICE TO MARINERS



Published Weekly by the
National Geospatial-Intelligence Agency

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

Contents

Section I

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

Section II

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

Section III

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

Visit the Maritime Safety Information Division website at
<http://pollux.nss.nga.mil/>



NSN 7642015139816
NGA REF.NO. NMXXX0441

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 Hydrographic Products Catalog, 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 Information Website, users may contact:

<u>Name</u>	<u>Telephone</u>	<u>DSN</u>	<u>FAX</u>
Maritime Safety Information Division	301-227-3370	287-3370	301-227-4211
World Wide Navigational Warning Service	301-227-3147	287-3147	301-227-3731
Fleet Liaison Officer	301-227-3120	287-3120	301-227-4211
Maritime Safety Information Website	301-227-3296	287-3296	301-227-4211
Notice to Mariners: Regions 1 and 2	301-227-3122	287-3122	301-227-3175
Notice to Mariners: Regions 3, 4, 5	301-227-3146	287-3146	301-227-3175
Notice to Mariners: Regions 6 thru 9	301-227-3146	287-3146	301-227-3175
Sailing Directions, Fleet Guides	301-227-3183	287-3183	301-227-3174
Navigation Science Publications	301-227-3120	287-3120	301-227-3731
Distribution Issues	301-227-7652	287-7652	301-227-4211

The Maritime Safety Information Website can be accessed directly at (<http://pollux.nss.nga.mil>). For your convenience NGA provides three e-mail addresses. For information affecting Notice to Mariners use NavNotices@nga.mil, for information affecting Sailing Directions and all other navigational publications use SDPUBS@nga.mil, for information concerning the Maritime Safety Information Website, use webmaster_nss@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: U.S. Coast Guard Cutter **Eagle (WIX-327)** is a three-masted sailing barque serving as a school ship for the United States Coast Guard. Homeported at the Coast Guard Academy in New London, CT, she is the only active (operational) commissioned sailing vessel in the U.S. maritime services. The ship was built at the Blohm & Voss shipyard in Hamburg, Germany and was launched the **Horst Wessel** on 13 June 1936. Originally commissioned as a school ship for the German Reichsmarine, she eventually served as a cargo ship during WWII. Confiscated by the U.S. following the War, she was commissioned into the Coast Guard Service in 1946 as the **Eagle**. She has a sparred length of 295 feet, a beam of 39 feet, and a displacement of 1755 tons. She carries 22 sails (21,244 square feet of sailing area) and can reach a speed of 17 knots under full sail. The **Eagle** has a standing crew of 29 sailors and six officers; on training missions she carries a crew of 38 sailors, 12 officers, and 150 to 175 cadets. Each year she takes two long training cruises to the Caribbean or Europe, and two shorter ones along the U.S. East Coast.

INFORMATION
OF
SPECIAL INTEREST
OR
IMPORTANCE
TO
MARINERS

NM 41/04

HYDROGRAM

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

SPECIAL
ANNOUNCEMENTS
NEW PRODUCTS
OR SERVICES
IMPORTANT
CHANGES

9 October 2004

UNITED STATES OF AMERICA NOTICE TO MARINERS CHANGE IN DISTRIBUTION

THE NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY (NGA) IS TRANSITIONING FROM PRODUCING AND DISTRIBUTING HARD COPY NAUTICAL SAFETY PRODUCTS TO DIGITAL DISSEMINATION. EFFECTIVE WITH U.S. NOTICE TO MARINERS NUMBER 1, 2005, NGA WILL NO LONGER DISTRIBUTE HARD COPY VERSIONS OF THE WEEKLY NOTICE TO MARINERS AND WILL MAKE THEM AVAILABLE FREE OF CHARGE VIA THE INTERNET. SEE SECTION III.

NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY

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

PERSIAN GULF-RA'S AL KUH AND APPROACHES TO RA'S AL KHAFJI AND ADRIATIC SEA NEW TRAFFIC SEPARATION SCHEMES

THE INTERNATIONAL MARITIME ORGANIZATION (IMO) HAS ANNOUNCED THAT NEW TRAFFIC SEPARATION SCHEMES IN THE PERSIAN GULF (OFF RA'S AL KUH AND THE APPROACHES TO RA'S AL KHAFJI) AND IN THE ADRIATIC SEA WILL BE IMPLEMENTED EFFECTIVE 0001 GMT 1 DECEMBER 2004. FOR DETAILS, SEE SECTION III.

EXPLANATION OF CONTENTS

The Notice to Mariners contains corrective information affecting nautical charts, the NGA Hydrographic Products Catalog, 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 Hydrographic Products Catalog, including new charts and publications. It also contains the latest price category information.

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

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

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

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

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

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

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

**SECTION I
CHART CORRECTIONS**

1115A	Ed. 10/02 LAST NM 40/04 Add Dashed-line circle "Fish Haven (auth min 23fms)" Note: Platform close E remains (NOS)	41/04 28°42.2'N 89°23.5'W	★11505 2Ed. 4/04 LAST NM 39/04 Add Buoy Y, Fl Y 4s (Priv) (34/04 CG7)	41/04 31°59'30"N 80°44'06"W
1116A	Ed. 6/03 LAST NM 40/04 Add Dashed-line circle "Fish Haven (auth min 23fms)" Note: Platform close E remains (NOS)	41/04 28°42.2'N 89°23.5'W	11509 28Ed. 5/04 LAST NM 31/04 Add Buoy Y, Fl Y 4s (Priv) (34/04 CG7)	41/04 31°59'30"N 80°44'06"W
11004	7Ed. 10/29/94 LAST NM 39/04 Add Depth 42 meters enclosed by dashed-line circle "Fish Haven" (NOS)	41/04 28°42.2'N 89°23.5'W	11512 59Ed. 1/03 LAST NM 39/04 Add Buoy Y, Fl Y 4s (Priv) (34/04 CG7)	41/04 31°59'30"N 80°44'06"W
11006	31Ed. 9/03 LAST NM 40/04 Add Dashed-line circle "Fish Haven (auth min 23fms)" Note: Platform close N remains (NOS)	41/04 28°42.2'N 89°23.5'W	11513 24Ed. 5/04 LAST NM 34/04 Add Buoy Y, Fl Y 4s (Priv) (34/04 CG7)	41/04 31°59'30"N 80°44'06"W
11326	32Ed. 11/03 LAST NM 40/04 (Page A) Change Period of light "3" to 2.5s (NOS)	41/04 29°36'46"N 94°57'31"W	11518 33Ed. 1/03 LAST NM 31/04 (Side A) Add Light "A" Fl 6s (Priv) Light "B" Fl 6s (Priv) Light "C" Fl 6s (Priv) Light "D" Fl 6s (Priv) Light "E" Fl 6s (Priv) Light "F" Fl 6s (Priv) Light "G" Fl 6s (Priv) Light "H" Fl 6s (Priv) (34/04 CG7)	41/04 32°48'13"N 79°55'06"W 32°48'11"N 79°55'06"W 32°48'09"N 79°55'08"W 32°48'12"N 79°55'08"W 32°48'10"N 79°54'41"W 32°48'08"N 79°54'43"W 32°48'09"N 79°54'41"W 32°48'08"N 79°54'41"W
11340	68Ed. 6/03 LAST NM 40/04 Add Dashed-line circle "Fish Haven (auth min 23fms)" Note: Platform close E remains (NOS)	41/04 28°42.2'N 89°23.5'W	11521 27Ed. 5/04 LAST NM 30/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)	41/04
11360	40Ed. 10/02 LAST NM 40/04 Add Dashed-line circle "Fish Haven (auth min 23fms)" Note: Platform close E remains (NOS)	41/04 28°42.2'N 89°23.5'W	11523 22Ed. 6/04 LAST NM 36/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)	41/04
★11361	71Ed. 12/03 LAST NM 39/04 Add Submarine pipeline [L40.1] between 28°55'53"N 88°57'55"W 28°56'03"N 88°57'54"W (NOS)	41/04 28°55'53"N 88°57'55"W 28°56'03"N 88°57'54"W	★11524 47Ed. 2/04 LAST NM 39/04 Add Light "A" Fl 6s (Priv) Light "B" Fl 6s (Priv) Light "C" Fl 6s (Priv) Light "D" Fl 6s (Priv) Light "E" Fl 6s (Priv) Light "F" Fl 6s (Priv) Light "G" Fl 6s (Priv) Light "H" Fl 6s (Priv) Tabulation of controlling depths from Subsection I-2 (NOS; 34/04 CG7)	41/04 32°48'12.6"N 79°55'05.7"W 32°48'11.4"N 79°55'05.7"W 32°48'08.6"N 79°55'07.7"W 32°48'11.6"N 79°55'07.9"W 32°48'09.7"N 79°54'40.5"W 32°48'08.4"N 79°54'42.9"W 32°48'09.4"N 79°54'40.5"W 32°48'08.1"N 79°54'40.7"W
11362	4Ed. 6/10/00 LAST NM N40/04 Add Dashed-line circle "Fish Haven (auth min 23fms)" Note: Platform close E remains (NOS)	N41/04 28°42.2'N 89°23.5'W	12263 53Ed. 11/03 LAST NM 37/04 Add Buoy (mooring) [Q40] (35/04 CG5)	41/04 38°59'35"N 76°11'46"W
★11366	8Ed. 10/03 LAST NM 40/04 Add Dashed-line circle "Fish Haven (auth min 23fms)" Note: Platform close NE remains (NOS)	41/04 28°42.2'N 89°23.5'W	★12266 28Ed. 10/03 LAST NM 8/04 Change Visibility (range) of light "10" to 4M (35/04 CG5)	41/04 38°43'08"N 76°08'41"W
★11376	49Ed. 9/03 LAST NM 39/04 Add Purple dashed line with purple tint band between 30°39'09"N 88°03'24"W 30°38'54"N 88°03'17"W Legend "RESTRICTED AREA" 30°39'00"N 88°03'24"W (Inset) Add Purple dashed line with purple tint band between 30°39'09"N 88°03'24"W 30°38'54"N 88°03'17"W Legend "RESTRICTED AREA CFR 33 Part 334.783 (see note A)" 30°38'58"N 88°03'22"W (NOS)	41/04 30°39'09"N 88°03'24"W 30°38'54"N 88°03'17"W 30°39'00"N 88°03'24"W 30°39'09"N 88°03'24"W 30°38'54"N 88°03'17"W 30°38'58"N 88°03'22"W	12270 33Ed. 12/03 LAST NM 37/04 Add Buoy (mooring) [Q40] (35/04 CG5)	41/04 38°59'35"N 76°11'46"W
★11503	40Ed. 10/03 LAST NM 34/04 Relocate Buoy "2NJ" from 30°43'08.2"N 81°24'12.0"W to (28/04 CG7)	41/04 30°43'06.9"N 81°24'09.5"W	★12272 29Ed. 4/20/02 LAST NM 7/04 Add Buoy (mooring) [Q40] (35/04 CG5)	41/04 38°59'35"N 76°11'46"W
			12300 44Ed. 7/04 LAST NM 37/04 Change Buoy to "NB" RW, ball topmark, Mo(A) WHIS Racon (-••) (NTM0001/2004)	41/04 41°22.8'N 71°23.4'W Designation of superbuoy ODAS "BB-44018" to "44018" 41°15.5'N 69°17.5'W

SECTION I

★12313	50Ed. 7/04	NEW EDITION (NOS)	41/04	14217	Ed. 9/25/98	LAST NM N37/04 Change Light to Fl 6s 36m 20M Racon Light to Fl 6s 20m 20M	N41/04 49°06.1'N 68°11.6'W 48°44.4'N 69°02.9'W
14007	Ed. 12/27/91	LAST NM N14/04 Delete Buoy	N41/04 48°49.4'N 58°44.5'W	Add Depth 13 meters Wk marked by buoy W Or, can (Priv)	48°36.5'N 68°25.7'W	(Plan Baie Verte) Substitute Depth 3.7 meters for 4.2 meters Depth 4.6 meters for 5.3 meters	48°44'13.7" N 69°02'59.7" W 48°44'17.6" N 69°03'07.4" W
14087	58Ed. 5/20/95	LAST NM 33/02 Change Characteristic of light to Fl R 5s	41/04 44°34'07"N 63°33'26"W	Change Light to Fl 6s 20m 20M	48°44'21.4" N 69°02'53.0" W	Add Depth 4.6 meters Depth 3.5 meters Depth 3.1 meters	48°44'20.0" N 69°03'07.8" W 48°44'16.8" N 69°03'01.1" W 48°44'12.1" N 69°02'51.2" W
14090	(INT 4631) 2Ed. 12/3/94	LAST NM 33/02 Change Light to Fl R 5s 5m 10M	41/04 44°34'09"N 63°33'26"W	(3(1236)04 Ottawa)	(3(4203)04 Ottawa)		
14091	6Ed. 8/3/02	LAST NM 41/02 Change Characteristic of light to Fl R 5s	41/04 44°34'09.3"N 63°33'24.9"W	(3(4203)04 Ottawa)			
14110	42Ed. 12/31/94	LAST NM 36/04 Relocate Buoy "NS1" from 45°29'36"N 60°54'51"W to 45°29'39"N 60°54'55"W	41/04 (2(4307)04 Ottawa)				
14112	5Ed. 2/11/95	LAST NM 1/04 Relocate Buoy "NS1" from 45°29'36.3"N 60°54'51.8"W to	41/04 45°29'39.3"N 60°54'55.3"W	(2(4307)04 Ottawa)			
14134	2Ed. 3/11/95	LAST NM 25/01 Change Light to Fl G	41/04 45°42'38"N 60°48'01"W	(2(4275)04 Ottawa)			
14135	2Ed. 2/4/95	LAST NM 38/04 Change Light to Fl G 4s 11m 4M	41/04 45°42'38.5"N 60°48'01.5"W	(2(4275)04 Ottawa)			
14136	2Ed. 2/4/95	LAST NM 1/04 Substitute Depth 1 meter for 2.7 meters	41/04 46°09'00.6"N 60°12'18.2"W	(2(4266)04 Ottawa)			
14143	Ed. 3/27/87	LAST NM N15/04 Change Period of light to 6s	N41/04 47°23'29"N 61°46'25"W	(2(4022)04 Ottawa)			
14168	Ed. 2/27/98	LAST NM N37/03 Delete Buoy "XD2"	N41/04 46°08'35"N 63°44'53"W	(2(4406)04 Ottawa)			
14174	Ed. 3/1/00	LAST NM N39/04 Change Period of light to 6s	N41/04 47°23.5'N 61°46.4'W	(2(4022)04 Ottawa)			
14191	Ed. 11/16/01	LAST NM N38/03 Change Visibility (range) of range light, front to 17M	N41/04 48°51'07.5"N 64°25'27.2"W	(2(4416)04 Ottawa)			
		Visibility (range) of range light, rear to 17M	48°51'11.7"N 64°25'36.4"W				
14209	Ed. 11/5/99	LAST NM N15/04 Substitute Depth 3.6 meters for 3 meters	N41/04 46°03'02"N 73°06'38"W	(3(1311)04 Ottawa)			
14211	Ed. 4/2/99	LAST NM N40/03 Substitute Depth 3.6 meters for 3 meters	N41/04 46°03'02"N 73°06'38"W				
		(Plan) Delete Depth 3 meters	46°03'02.8"N 73°06'37.4"W				
		Add Depth 3.6 meters	46°03'01.7"N 73°06'38.1"W	(3(1311)04 Ottawa)			

(continued on next page)

SECTION I

NM 41/04

14903	(Continued)		(Page B, Inset 6)
	Purple dashed line and legends "Ferry Route, 125½° 58¾ Miles to Ludington" between 44°26.9'N 87°27.2'W 44°14.7'N 87°02.8'W	Change	Visibility (range) of light to 9M 47°15'42"N 122°26'11"W Visibility (range) of light to 9M 47°19'00"N 122°32'53"W
	(Inset Kewaunee)		(Page C)
Delete	Purple dashed line and legends "105° 2 Miles to Point of Departure, Ferry Route" between 44°27'27.7" 87°29'34.3" W 44°27'06.6" 87°27'48.0" W	Change	Visibility (range) of light to 9M 47°15'42"N 122°26'11"W Visibility (range) of light to 9M 47°19'00"N 122°32'53"W (35/04 CG13)
(NOS)			
14910	23Ed. 2/03 LAST NM 24/04	41/04	★18446 16Ed. 8/03 LAST NM 39/04 Change Visibility (range) of light to 9M 41/04 47°42'30.9" N 122°30'41.0" W (35/04 CG13)
Delete	Purple dashed line and legend "Ferry" between 44°27.4'N 87°29.3'W 44°26.4'N 87°24.1'W		
(NOS)			
★14911	20Ed. 7/14/01 LAST NM 10/04	41/04	18448 33Ed. 9/03 LAST NM 35/04 Change Visibility (range) of light to 9M 41/04 47°19'00"N 122°32'53"W (35/04 CG13)
Change	Legend to "25 FEET FOR WIDTH OF 3000 FEET JUN 2004"	45°46'25"N 85°08'47"W	
Add	Depth 24 feet	45°46'15"N 85°09'08"W	★18453 24Ed. 1/03 LAST NM 35/04 Change Visibility (range) of light to 9M 41/04 47°15'42.1" N 122°26'11.3" W Visibility (range) of light to 9M 47°19'00.1" N 122°32'53.4" W (35/04 CG13)
(NOS)			
★14930	25Ed. 1/04 LAST NM 32/04	41/04	18473 7Ed. 12/02 LAST NM 39/04 Change Visibility (range) of light to 9M 41/04 47°42'30"N 122°30'41" W (35/04 CG13)
Change	Legend to "23 FEET JUL 2004"	42°06'58.3" N 86°29'46.5" W	
	(See 32/04-14930)		
(37/04 CG9)			
★16465	2Ed. 7/04 NEW EDITION	41/04	18474 8Ed. 10/03 LAST NM 35/04 Change Visibility (range) of light to 9M 41/04 47°19'00"N 122°32'53"W (35/04 CG13)
(NOS)			
16520	22Ed. 3/04 LAST NM 25/04	41/04	★18523 54Ed. 10/03 LAST NM 31/04 Add Tabulation of controlling depths from 41/04 Subsection I-2 (NOS)
Add	Danger circle "Obstn" [K40]	54°00.1'N 166°06.1'W	
(35/04 CG17)			
★16528	16Ed. 6/13/98 LAST NM 6/04	41/04	★18531 21Ed. 12/03 LAST NM 31/04 (Lower Panel)
Add	Danger circle "Obstn" [K40]	54°00'06"N 166°06'06"W	Relocate Range light, rear from 45°36'48"N 122°02'33"W to 45°36'49.0" N 122°02'15.4" W and change height to 53ft
(35/04 CG17)			
16531	7Ed. 2/16/02 LAST NM 18/02	41/04	Change Height of range light, rear to 53ft 45°37'07"N 122°01'29"W
Add	Danger circle "Obstn" [K40]	54°00'06"N 166°06'06"W	
	Buoy (mooring) [Q41] Fl 2s (Priv)	54°07'40"N 165°45'00"W	Add Tabulation of controlling depths from Subsection I-2 (NOS; 28/04 CG13)
(35, 36/04 CG17)			
★16532	6Ed. 6/17/00 LAST NM 38/00	41/04	★18589 15Ed. 8/14/99 LAST NM 22/04 (Inset)
Add	Buoy (mooring) [Q41] Fl 2s (Priv)	54°07'39.6" N 165°45'00.0" W	Add Depth 2 ½ fathoms 42°44'20.6" N 124°29'52.5" W Depth 2 ½ fathoms 42°44'19.6" N 124°29'51.8" W (NOS)
(36/04 CG17)			
★16700	29Ed. 7/04 NEW EDITION	41/04	★18602 12Ed. 4/03 LAST NM 14/04 (Inset Chetco Cove)
Substitute	Depth 244 fathoms for 44 fathoms	60°35.0'N 146°49.2'W	Change Legend to "10 FT FOR MID-WIDTH OF 100 FT JUN 2004" 41/04 42°02'40.0" N 124°16'15.8" W (NOS)
(NOS)			
★17363	13Ed. 8/16/97 LAST NM 14/04	41/04	★18649 63Ed. 9/03 LAST NM 40/04 Substitute Depth 16 feet Wk [K26] for 23 feet Wk 41/04 37°45'25.3" N 122°19'54.1" W
Relocate	Light from 57°15'59"N 134°05'00" W to 57°16'01"N 134°05'00" W		
	Note: Obscured sector unchanged		
(36/04 CG17)			
18440	27Ed. 11/03 LAST NM 39/04	41/04	Add Depth 21 feet 37°42'52.6" N 122°18'32.0" W Depth 19 feet 37°42'41.8" N 122°18'25.0" W Depth 19 feet 37°42'27.2" N 122°18'10.5" W Depth 18 feet 37°42'17.0" N 122°18'02.5" W Depth 29 feet 37°43'35.2" N 122°19'06.5" W (NOS)
Change	Visibility (range) of light to 9M	47°19.0'N 122°32.9'W	
	Visibility (range) of light to 9M	47°42.5'N 122°30.7'W	
(35/04 CG13)			
18441	43Ed. 7/03 LAST NM 39/04	41/04	★18650 52Ed. 9/03 LAST NM 40/04 Substitute Depth 16 feet Wk [K26] for 23 feet Wk 41/04 37°45'25.3" N 122°19'54.1" W
Change	Visibility (range) of light to 9M	47°42'31"N 122°30'41" W	
(35/04 CG13)			
18445	30Ed. 11/03 LAST NM 39/04	41/04	Add Depth 21 feet 37°42'52.6" N 122°18'32.0" W (Page A)
Change	Visibility (range) of light to 9M	47°42'31"N 122°30'41" W	

SECTION I

18650	(Continued)				
	Depth 19 feet	37°42'41.8"N 122°18'25.0"W			
	Depth 19 feet	37°42'27.2"N 122°18'10.5"W			
	Depth 29 feet (NOS)	37°43'35.2"N 122°19'06.5"W			
18651	42Ed. 2/03 LAST NM 16/04		41/04		
Add	Depth 21 feet	37°42'52.6"N 122°18'32.0"W			
	Depth 19 feet	37°42'41.8"N 122°18'25.0"W			
	Depth 19 feet	37°42'27.2"N 122°18'10.5"W			
	Depth 18 feet	37°42'17.0"N 122°18'02.5"W			
	Depth 29 feet (NOS)	37°43'35.2"N 122°19'06.5"W			
18652	32Ed. 7/03 LAST NM 40/04 (Page A)		41/04		
Substitute	Depth 16 feet Wk [K26] for 23 feet Wk	37°45'25"N 122°19'54"W			
Add	Depth 21 feet	37°42'53"N 122°18'32"W			
	Depth 18 feet	37°42'17"N 122°18'03"W			
	Depth 29 feet (NOS)	37°43'35"N 122°19'07"W			
*18758	6Ed. 6/02 LAST NM 23/04		41/04		
Change	Legend to "19 FEET APR 2004"	33°12'16.4"N 117°24'06.5"W			
	Legend to "15 FEET APR 2004"	33°12'28.8"N 117°23'53.2"W			
	Legend to "18 FEET FOR MID-WIDTH OF 175-270 FEET APR 2004"	33°12'34.0"N 117°24'14.5"W			
	Legend to "14 FEET FOR MID-WIDTH OF 150-175 FEET APR 2004"	33°12'44.8"N 117°24'16.6"W (NOS)			
18774	10Ed. 6/02 LAST NM 36/04 (Inset)		41/04		
Change	Legend to "19 FEET APR 2004"	33°12'22"N 117°24'05"W			
	Legend to "15 FT APR 2004"	33°12'28"N 117°23'53"W			
	Legend to "18 FEET FOR MID-WIDTH OF 175-270 FEET APR 2004"	33°12'33"N 117°24'13"W			
	Legend to "14 FT FOR MID-WIDTH OF 150- 175 FEET APR 2004"	33°12'51"N 117°24'12"W (NOS)			
19002	9Ed. 3/1/97 LAST NM N36/04		N41/04		
Relocate	Buoy (FAD) "TT" from 19°05.3'N 155°59.2'W to (36/04 CG14)	19°05.4'N 155°57.6'W			
19004	37Ed. 1/04 LAST NM 36/04		41/04		
Relocate	Buoy (FAD) "TT" from 19°05.3'N 155°59.2'W to (36/04 CG14)	19°05.4'N 155°57.6'W			
19007	17Ed. 3/04 LAST NM 36/04		41/04		
Add	Buoy "B" Y, Fl Y 4s (Priv) (36/04 CG14)	22°46.0'N 157°53.9'W			
19008	4Ed. 11/3/84 LAST NM 36/04		41/04		
Add	Buoy "B" Y, pillar, Fl Y 4s (Priv) (36/04 CG14)	22°46.0'N 157°53.9'W			
19009	4Ed. 2/16/85 LAST NM 36/04		41/04		
Add	Buoy "B" Y, pillar, Fl Y 4s (Priv) (36/04 CG14)	22°46.0'N 157°53.9'W			
19010	18Ed. 3/04 LAST NM 36/04		41/04		
Relocate	Buoy (FAD) "TT" from 19°05.4'N 155°59.1'W to (36/04 CG14)	19°05.4'N 155°57.6'W			
*19013	17Ed. 2/04 LAST NM 36/04		41/04		
Add	Buoy "B" Y, Fl Y 4s (Priv) (36/04 CG14)	22°46.0'N 157°53.9'W			
★19320	16Ed. 12/14/96 LAST NM 22/04			41/04	
	Relocate Buoy (FAD) "TT" from 19°05.3'N 155°59.2'W to (36/04 CG14)	19°05.4'N 155°57.6'W			
22142	2Ed. 2/3/96 LAST NM 32/04		41/04		
Delete	Dangerous wreck (See 32/04-22142)	9°05'00"S 78°37'00"W			
Add	Dangerous wreck [K28]	9°06'04"S 78°38'10"W			
	(Plan)				
Delete	Dangerous wreck (PA)	9°05'00.0"S 78°37'00.0"W			
Add	Dangerous wreck [K28] (8(48)04 Callao)	9°06'03.6"S 78°38'09.6"W			
22160	2Ed. 5/25/96 LAST NM 7/04		41/04		
Delete	Danger circle "Discolored Water Rep (1945)" (8(49)04 Callao)	11°28.0'S 78°15.5'W			
22170	3Ed. 8/4/01 LAST NM 40/04		41/04		
Add	Depth 14.6 meters (SD) (8(51)04 Callao)	12°08.4'S 77°38.2'W			
22172	8Ed. 10/12/02 LAST NM 11/04		41/04		
Delete	Dangerous wreck Dangerous wreck (See 11/04-22172) (8(50)04 Callao)	12°03'07.7"S 77°09'37.2"W 12°03'34.4"S 77°10'18.1"W			
22173	36Ed. 10/12/02 LAST NM 40/04		41/04		
Delete	Dangerous wreck Dangerous wreck (See 11/04-22173)	12°03'08"S 77°09'37"W 12°03'34"S 77°10'18"W			
Add	Depth 14.6 meters (SD) (8(50, 51)04 Callao)	12°08'26"S 77°38'14"W			
22181	17Ed. 11/29/03 LAST NM 40/04		41/04		
Add	Buoy (mooring) [Q40]	13°49'35"S 76°15'25"W			
	(Plan)				
Add	Buoy (mooring) [Q40] (8(52)04 Callao)	13°49'34.5"S 76°15'25.4"W			
24502	6Ed. 3/13/99 LAST NM 47/03		41/04		
	(Panel B)				
Relocate	Buoy "23" from 10°58'26.8"W to 10°58'22.9"N 74°45'17.9"W and change characteristic to Fl G 6s (94/03 Bogota)	74°45'19.1"W 10°58'22.9"N 74°45'17.9"W			
★25655	12Ed. 7/04 NEW EDITION		41/04		
(NOS)					
★25670	42Ed. 10/03 LAST NM 14/04		41/04		
Delete	Depth 43 feet	18°26'04.0"N 66°06'28.0"W			
Substitute	Depth 39 feet for 43 feet	18°25'59.5"N 66°06'24.5"W			
Change	Legend to "Subm pile (ED)"	18°25'53.9"N 66°06'21.2"W			
Add	Depth 41 feet	18°26'03.0"N 66°06'28.0"W			
	Depth 39 feet (NOS)	18°25'50.5"N 66°06'31.0"W			
35014	Ed. 10/02 LAST NM N23/04		N41/04		
Add	Depth 37 meters	56°07.0'N 1°49.1'W			
	Depth 39 meters enclosed by depth contour (50-meter)	56°06.4'N 1°44.3'W (36(4041)04 Taunton)			
*36036	Ed. 4/19/01 NEW CHART		N41/04		
(NGA)					

SECTION I

NM 41/04

★36141	7Ed. 4/11/98	CHART CANCELED (NGA)	41/04	Depth 3 meters Depth 10 meters (15(707-709)04 Stavanger)	70°00'20"N 23°13'10"E 70°00'28"N 23°13'08"E
37030	Ed. 12/00	LAST NM N37/04	N41/04		
Delete	Depth 2.3 meters	51°24'13.1"N 0°35'12.0"E			
	Depth 2.5 meters	51°24'10.8"N 0°35'14.9"E			
	Depth 5.8 meters	51°24'09.6"N 0°35'22.2"E			
Substitute	Depth 5.4 meters for 5.7 meters	51°24'00.7"N 0°35'08.5"E			
Add	Depth 2 meters enclosed by depth contour (2-meter)	51°24'11.3"N 0°35'13.2"E			
	Depth 5.4 meters	51°24'10.0"N 0°35'23.0"E			
	Depth 4.6 meters	51°24'09.5"N 0°35'19.7"E			
	and extend depth contour (5-meter) to enclose				
(25(2821)04 Taunton)					
37036	Ed. 9/7/00	LAST NM N37/04	N41/04		
Relocate	Light from 51°27'24.3"N 0°20'05.4"E to	51°27'23.4"N 0°20'06.0"E			
(36(4067)04 Taunton)					
37481	7Ed. 5/27/00	LAST NM 40/04	41/04		
Delete	Purple composite line between	43°34'56"N 5°42'36"W 43°34'56"N 5°40'54"W			
	Dashed line between	43°34'56"N 5°42'36"W 43°35'14"N 5°42'36"W			
	Dashed line between	43°34'56"N 5°41'03"W 43°35'14"N 5°40'54"W			
Add	Purple composite line joining	43°34'56"N 5°40'53"W 43°35'14"N 5°41'03"W 43°35'14"N 5°42'36"W 43°34'56"N 5°42'36"W			
	(Plan B)				
Delete	Purple composite line between	43°34'56.5"N 5°42'16.1"W 43°34'56.5"N 5°40'53.5"W			
	Dashed line between	43°35'14.4"N 5°41'03.8"W 43°34'56.5"N 5°40'53.5"W			
Add	Purple composite line joining	43°34'56.5"N 5°40'53.5"W 43°35'14.4"N 5°41'03.8"W 43°35'14.4"N 5°42'16.1"W			
(14(252)02 Cadiz)					
37505	2Ed. 11/23/85	LAST NM 15/04	41/04		
Change	Height of light to 26m (Spn LL)	43°39'06"N 8°04'12"W			
43080	4Ed. 12/28/96	LAST NM 37/04	41/04		
Substitute	Depth 6.5 meters for 8.7 meters	70°10.8'N 23°21.6'E			
	Depth 4 meters for 16.9 meters	70°08.8'N 23°18.4'E			
(15(707)04 Stavanger)					
43082	5Ed. 7/26/97	LAST NM 37/04	41/04		
Substitute	Depth 13.5 meters for 27 meters	70°15'42"N 23°01'16"E			
Add	Depth 14.5 meters	70°17'47"N 22°57'55"E			
(15(709)04 Stavanger)					
43083	4Ed. 9/7/96	LAST NM 37/04	41/04		
Substitute	Depth 13.5 meters for 27 meters	70°15'40"N 23°01'25"E			
Add	Depth 7 meters	70°20'24"N 22°51'26"E			
	Depth 3 meters	70°20'37"N 22°51'40"E			
	Depth 14.5 meters	70°17'47"N 22°57'55"E			
(15(709)04 Stavanger)					
43084	3Ed. 1/23/99	LAST NM 23/04	41/04		
Substitute	Depth 6.5 meters for 15 meters	70°10'47"N 23°21'58"E			
	Depth 17 meters for 26 meters	70°07'37"N 23°12'50"E			
	Depth 3.3 meters for 17 meters	70°06'12"N 23°13'32"E			
	Depth 8 meters for 14 meters	70°03'56"N 23°10'47"E			
	Depth 13.5 meters for 27 meters	70°15'44"N 23°01'30"E			
Add	Depth 4 meters	70°08'28"N 23°18'40"E			
	Depth 3.9 meters	70°00'21"N 23°13'37"E			
(22(1940)04 Norrkoping)					
44040	23Ed. 7/20/96	LAST NM 30/04	41/04		
Add	Submarine pipeline [L40.1] between	56°26.3'N 12°53.0"E 56°26.6'N 12°52.5"E			
	Buoy Y, spar	56°26.6'N 12°52.5"E			
(22(1940)04 Norrkoping)					
44041	7Ed. 4/3/93	LAST NM 28/04	41/04		
Relocate	Buoy from 57°37'22"N 11°41'27"E to	57°37'24"N 11°41'21"E			
	(See 26/04-44041)				
(22(1957)04 Norrkoping)					

44042	7Ed. 8/22/92	LAST NM 37/04	41/04
Delete	Buoy	57°38'49.2"N 11°42'39.6"E	
Relocate	Buoy from 57°37'22.3"N 11°41'27.0"E to (See 26/04-44042)	57°37'24.1"N 11°41'21.5"E	
Add	Buoy G, conical, QG (22(1957)04 Norrkoping)	57°38'42.3"N 11°42'22.9"E	
44043	8Ed. 11/30/96	LAST NM 28/04	41/04
Relocate	Buoy "Uppgrund" from 57°37'22"N 11°41'27"E to Buoy from 57°38'49"N 11°42'40"E to (See 26/04-44043) (22(1957)04 Norrkoping)	57°37'24"N 11°41'22"E 57°38'42"N 11°42'23"E	
44045	6Ed. 6/8/96	LAST NM 16/04	41/04
Add	Submarine pipeline [L40.1] between Buoy Y, spar (22(1940)04 Norrkoping)	56°26.3"N 12°53.0"E 56°26.6"N 12°52.5"E 56°26.6"N 12°52.5"E	
44160	7Ed. 4/5/97	LAST NM 40/04	41/04
Add	Buoy G, spar, cone topmark, Fl(2) G 6s (22(1960)04 Norrkoping)	57°20.3"N 16°37.7"E	
44161	2Ed. 6/8/96	LAST NM 40/04	41/04
Add	(Panel A) Spring symbol [J15] (22(1927)04 Norrkoping)	57°45'39"N 16°38'20"E	
44192	1Ed. 12/18/93	LAST NM 40/04	41/04
Add	Submarine cable [L30.1] joining Dangerous submerged rock [K13] (22(1924), 25(1990)04 Norrkoping)	59°13'01"N 17°36'31"E 59°13'00"N 17°36'30"E 59°12'34"N 17°37'05"E 59°12'08"N 17°37'34"E 59°22'33"N 17°18'54"E	
44320	4Ed. 9/21/96	LAST NM 21/04	41/04
Add	Depth 2.5 meters enclosed by depth contour (10-meter) (24(519)03 Helsinki)	59°59.4"N 21°15.4"E	
44321	6Ed. 9/3/94	LAST NM 40/04	41/04
Delete	Depth 3.9 meters	59°49'35"N 22°51'57"E	
Add	Depth 2.8 meters (23(489)03 Helsinki)	59°49'32"N 22°51'56"E	
44340	11Ed. 8/10/96	LAST NM 40/04	41/04
Add	Rock awash [K12] Light 2 QR 2M Light Fl(2) 6s 2M (25(540)03 Helsinki; Est LL)	60°08.4"N 25°42.5"E 59°19.9"N 24°05.6"E 59°19.9"N 24°04.8"E	
44341	7Ed. 10/17/98	LAST NM 37/04	41/04
Relocate	Beacon from 60°07'15"N 24°47'31"E to Beacon from 60°07'25"N 24°48'06"E to (34(758)03 Helsinki)	60°07'16"N 24°47'23"E 60°07'28"N 24°47'59"E 60°08'49"N 24°49'53"E 60°09'02"N 24°50'17"E 60°08'16"N 24°47'14"E 60°08'16"N 24°46'47"E	
44367	2Ed. 2/5/94	LAST NM 36/04	41/04
Change	Light to Fl WRG 3s	60°27'33"N 26°58'25"E	
Add	Rock which does not cover [K10] Rock awash [K12]	60°30'01"N 27°20'11"E 60°28'55"N 27°20'35"E	
			(Plan A)
			Change Light to Fl WRG 3s 6m 5M (23(491), 24(517), 25(542)03 Helsinki; BA LL)
			60°27'33.0"N 26°58'25.2"E
51145	2Ed. 8/2/97	LAST NM 22/03	41/04
Change	Height of light to 14m (Por LL)	38°31'10"N 8°53'57"W	
51146	3Ed. 2/4/95	LAST NM 36/03	41/04
Change	Visibility (range) of light to 15M (Por LL)	38°31'12.5"N 8°53'42.8"W 38°31'09.1"N 8°53'55.8"W	
51500	6Ed. 4/12/97	LAST NM 20/03	41/04
Change	Height of light to 13m and delete obscured sector (14(254)02 Cadiz)	16°36.2"N 24°25.2"W	
52031	1Ed. 2/1/92	LAST NM 30/04	41/04
Add	Buoy RW, pillar, ball topmark with light flare symbol and Racon (2(9)04 Cadiz)	39°56.8"N 0°05.6"E	
52061	2Ed. 3/2/96	LAST NM 30/04	41/04
Add	Chartlet, depicting changes in hydrography, topography and aids to navigation, from Subsection I-2 Note in right upper margin of chart "NOTE Within the Integral Reserve Zone fishing and extraction of flora and fauna is prohibited. Within the Marine Reserve Zone fishing and extraction of flora and fauna is prohibited without prior permission." (6(44)04 Cadiz; Spn CH 471)	37°41'00"N 0°40'00"W	
52080	14Ed. 2/8/97	LAST NM 38/04	41/04
Delete	Buoy	39°56.5"N 0°03.4"E	
Add	Buoy RW, pillar, ball topmark, L Fl 10s Racon (2(9)04 Cadiz)	39°56.8"N 0°05.6"E	
52084	2Ed. 8/26/95	LAST NM 18/03	41/04
Change	(Plan B) Characteristic of light to Fl(3) G 8.5s Characteristics of light to Fl(3) R 8s Characteristics of light to Fl(2+1) R 22s (See 32/00-52084) (Spn LL)	38°20'20.0"N 0°28'53.1"W 38°20'04.3"N 0°29'11.1"W 38°19'56.5"N 0°29'22.0"W	
52086	2Ed. 8/5/95	LAST NM 7/04	41/04
Delete	Buoy	39°56'09"N 0°03'39"E	
Add	Buoy RW, pillar, ball topmark, L Fl 10s Racon (2(9)04 Cadiz)	39°56'49"N 0°05'39"E	
54151	1Ed. 6/20/92	LAST NM 24/04	41/04
Add	Racon [S3.1] at light (49(199)03 Istanbul)	39°56'09.0"N 0°03'38.5"E	
54382	9Ed. 6/1/96	LAST NM 38/04	41/04
Relocate	Buoy from 39°19'18"N 26°38'10"E to (17(82)03 Istanbul)	39°19'16"N 26°38'04"E	

SECTION I

NM 41/04

54400	8Ed. 6/2/90 LAST NM 30/04 Add Racon [S3.1] at light (See 25/04-54400) (49(199)03 Istanbul)	41/04 36°41.3'N 27°21.8'E	Buoy "EC" G, pillar, can topmark, Fl G 4s 36°47'04.9"N 137°08'40.0"E (21(559)04 Tokyo; Jpn LL)
54407	4Ed. 1/27/96 LAST NM 30/04 Add Racon [S3.1] at light (See 25/04-54407) (49(199)03 Istanbul)	41/04 36°41.3'N 27°21.8'E	95273 2Ed. 4/23/94 LAST NM 36/04 Change Visibility (range) of light to 4M 37°57'20.3"N 139°04'14.4"E (43(1741)99 Tokyo; Jpn LL)
54408	4Ed. 6/20/98 LAST NM 25/04 Add Racon [S3.1] at light (See 25/04-54408) (49(199)03 Istanbul)	41/04 36°41'18"N 27°21'48"E	95274 4Ed. 1/10/04 LAST NM 36/04 Change Visibility (range) of light to 4M 37°57'20"N 139°04'14"E (43(1741)99 Tokyo; Jpn LL)
54418	4Ed. 10/5/96 LAST NM 30/04 Add Racon [S3.1] at light (See 25/04-54418) (49(199)03 Istanbul)	41/04 36°41'18.0"N 27°21'48.0"E	97015 10Ed. 2/4/89 LAST NM 32/04 Add Submarine cable [L30.1] joining 35°00.9'N 139°59.1'E 35°00.2'N 140°02.5'E 34°49.0'N 140°08.1'E 34°46.2'N 140°09.2'E 34°38.4'N 140°18.3'E 34°36.0'N 140°18.7'E 34°17.5'N 140°13.7'E 34°13.3'N 140°15.8'E 33°59.0'N 140°09.1'E 33°56.7'N 140°08.3'E 33°37.0'N 139°52.5'E 33°32.9'N 139°40.4'E 33°32.9'N 139°33.0'E 33°27.0'N 139°24.8'E 33°19.9'N 139°21.9'E 33°13.8'N 139°20.2'E 32°48.8'N 138°51.3'E 32°37.1'N 138°40.0'E (21(560)04 Tokyo)
55160	2Ed. 6/1/96 LAST NM 37/04 Add Dashed line (harbor limit) joining 41°15.8'N 37°01.5'E 41°27.8'N 37°01.5'E 41°56.5'N 35°57.8'E 41°44.5'N 35°57.8'E Legend "SAMSUN HARBOR LIMIT" between 41°18.0'N 37°01.2'E 41°27.0'N 37°01.2'E (3(9-11)04 Istanbul)	41/04 36°41'18.0"N 27°21'48.0"E	
56031	1Ed. 8/1/92 LAST NM 29/04 Add Racon [S3.1] at light (49(199)03 Istanbul)	41/04 36°41.3'N 27°21.8'E	97021 7Ed. 6/30/90 LAST NM 34/04 Add Submarine cable [L30.1] joining 35°00.9'N 139°59.1'E 35°00.2'N 140°02.5'E 34°46.2'N 140°09.2'E 34°38.4'N 140°18.3'E 34°36.0'N 140°18.7'E 34°17.5'N 140°13.7'E 34°13.3'N 140°15.8'E 33°56.7'N 140°08.3'E 33°37.0'N 139°52.5'E 33°32.9'N 139°40.4'E 33°32.9'N 139°33.0'E 33°27.0'N 139°24.8'E 33°13.8'N 139°20.2'E 32°33.8'N 138°31.4'E (21(560)04 Tokyo)
95261	7Ed. 8/17/96 LAST NM 36/04 Change Visibility (range) of light to 4M 37°57'20"N 139°04'14"E (43(1741)99 Tokyo; Jpn LL)	41/04 37°57'20.3"N 139°04'14.4"E	
95264	8Ed. 7/16/94 LAST NM 25/03 Change Visibility (range) of light to 4M 37°57'20.3"N 139°04'14.4"E (43(1741)99 Tokyo; Jpn LL)	41/04 37°57'20.3"N 139°04'14.4"E	
95271	4Ed. 2/7/98 LAST NM 33/04 Delete Buoy "D" Buoy "C" Buoy "A" Buoy "B" Add Buoy "WA" R, pillar, cone topmark, Fl R 4s 36°47'41.9"N 137°08'25.1"E Buoy "WB" R, pillar, cone topmark, Fl R 4s 36°47'26.9"N 137°08'19.1"E Buoy "WC" R, pillar, cone topmark, Fl R 4s 36°47'12.9"N 137°08'09.3"E Buoy "EA" G, pillar, can topmark, Fl G 4s 36°47'33.9"N 137°08'48.1"E Buoy "EB" G, pillar, can topmark, Fl G 4s 36°47'19.9"N 137°08'42.1"E Buoy "EC" G, pillar, can topmark, Fl G 4s 36°47'04.9"N 137°08'40.0"E (21(559)04 Tokyo; Jpn LL)	41/04 36°46'42.0"N 137°06'53.5"E 36°47'41.0"N 137°08'25.5"E 36°47'11.5"N 137°08'13.5"E 36°47'33.2"N 137°08'48.0"E 36°47'05.5"N 137°08'36.0"E 41/04 36°47'41.9"N 137°08'25.1"E 36°47'26.9"N 137°08'19.1"E 36°47'12.9"N 137°08'09.3"E 36°47'33.9"N 137°08'48.1"E 36°47'19.9"N 137°08'42.1"E 36°47'04.9"N 137°08'40.0"E (21(560)04 Tokyo)	97029 3Ed. 7/19/86 LAST NM 40/04 Add Submarine cable [L30.1] joining 34°55.0'N 140°05.5'E 34°46.2'N 140°09.2'E 34°38.4'N 140°18.3'E 34°36.0'N 140°18.7'E 34°17.5'N 140°13.7'E 34°13.3'N 140°15.8'E 33°56.7'N 140°08.3'E 33°37.0'N 139°52.5'E 33°32.9'N 139°40.4'E 33°32.9'N 139°33.0'E 33°27.0'N 139°24.8'E 33°13.8'N 139°20.2'E 32°33.8'N 138°31.4'E (21(560)04 Tokyo)
95272	3Ed. 8/23/97 LAST NM 33/04 Delete Buoy "2" Buoy "D" Buoy "C" Buoy "A" Buoy "B" Add Buoy "WA" R, pillar, cone topmark, Fl R 4s 36°47'41.9"N 137°08'25.1"E Buoy "WB" R, pillar, cone topmark, Fl R 4s 36°47'26.9"N 137°08'19.1"E Buoy "WC" R, pillar, cone topmark, Fl R 4s 36°47'12.9"N 137°08'09.3"E Buoy "EA" G, pillar, can topmark, Fl G 4s 36°47'33.9"N 137°08'48.1"E Buoy "EB" G, pillar, can topmark, Fl G 4s 36°47'19.9"N 137°08'42.1"E (21(559)04 Tokyo; Jpn LL)	41/04 36°46'42.0"N 137°06'53.5"E 36°47'41.0"N 137°08'25.5"E 36°47'11.5"N 137°08'13.5"E 36°47'33.2"N 137°08'48.0"E 36°47'05.5"N 137°08'36.0"E 41/04 36°47'41.9"N 137°08'25.1"E 36°47'26.9"N 137°08'19.1"E 36°47'12.9"N 137°08'09.3"E 36°47'33.9"N 137°08'48.1"E 36°47'19.9"N 137°08'42.1"E 36°47'04.9"N 137°08'40.0"E (21(560)04 Tokyo)	97120 6Ed. 8/9/97 LAST NM 32/04 Add Submarine cable [L30.1] joining 35°00.9'N 139°59.1'E 35°00.8'N 140°00.8'E 35°00.2'N 140°02.5'E 34°59.1'N 140°02.9'E 34°57.9'N 140°05.1'E 34°54.2'N 140°05.6'E 34°53.0'N 140°06.6'E 34°50.7'N 140°06.4'E (21(560)04 Tokyo)

97140 17Ed. 6/28/97 LAST NM 36/04 41/04
 Add Submarine cable [L30.1] joining 35°00.9'N 139°59.1'E
 35°00.8'N 140°00.8'E
 35°00.2'N 140°02.5'E
 34°59.1'N 140°02.9'E
 34°57.9'N 140°05.1'E
 34°54.2'N 140°05.6'E
 34°53.0'N 140°06.6'E
 34°50.7'N 140°06.4'E
 (21(560)04 Tokyo)

97145 1Ed. 2/16/91 LAST NM 36/04 41/04
 Add Submarine cable [L30.1] joining 35°00'54"N 139°59'06"E
 35°00'48"N 140°00'48"E
 35°00'12"N 140°02'30"E
 34°59'06"N 140°02'54"E
 34°57'54"N 140°05'06"E
 34°54'12"N 140°05'36"E
 34°53'00"N 140°06'36"E
 34°50'42"N 140°06'24"E
 (21(560)04 Tokyo)

97184 15Ed. 9/13/97 LAST NM 44/03 41/04
 Delete Beacon "C" 35°00'34.8"N 136°48'03.7"E
 (See 39/99-97184)

Relocate Beacon "B" from
 35°00'25.9"N 136°47'55.2"E to 35°00'29.5"N 136°47'58.7"E
 Beacon "D" from
 35°00'43.7"N 136°48'12.3"E to 35°00'39.9"N 136°48'08.8"E
 (21(561)04 Tokyo)

97189 2Ed. 8/9/97 LAST NM 43/03 41/04
 Delete Beacon "C" 35°00'34.8"N 136°48'03.7"E
 (See 9/99-97189)

Relocate Beacon "B" from
 35°00'25.9"N 136°47'55.2"E to 35°00'29.5"N 136°47'58.7"E
 Beacon "D" from
 35°00'43.7"N 136°48'12.3"E to 35°00'39.9"N 136°48'08.8"E
 (21(561)04 Tokyo)

97383 16Ed. 9/6/97 LAST NM 33/04 41/04
 Add Submarine cable [L30.1] joining 32°34'55"N 130°23'51"E
 32°34'19"N 130°24'04"E
 32°34'05"N 130°23'39"E
 32°34'30"N 130°22'31"E
 32°34'24"N 130°20'47"E
 32°35'49"N 130°19'46"E
 (43(1750)99 Tokyo)

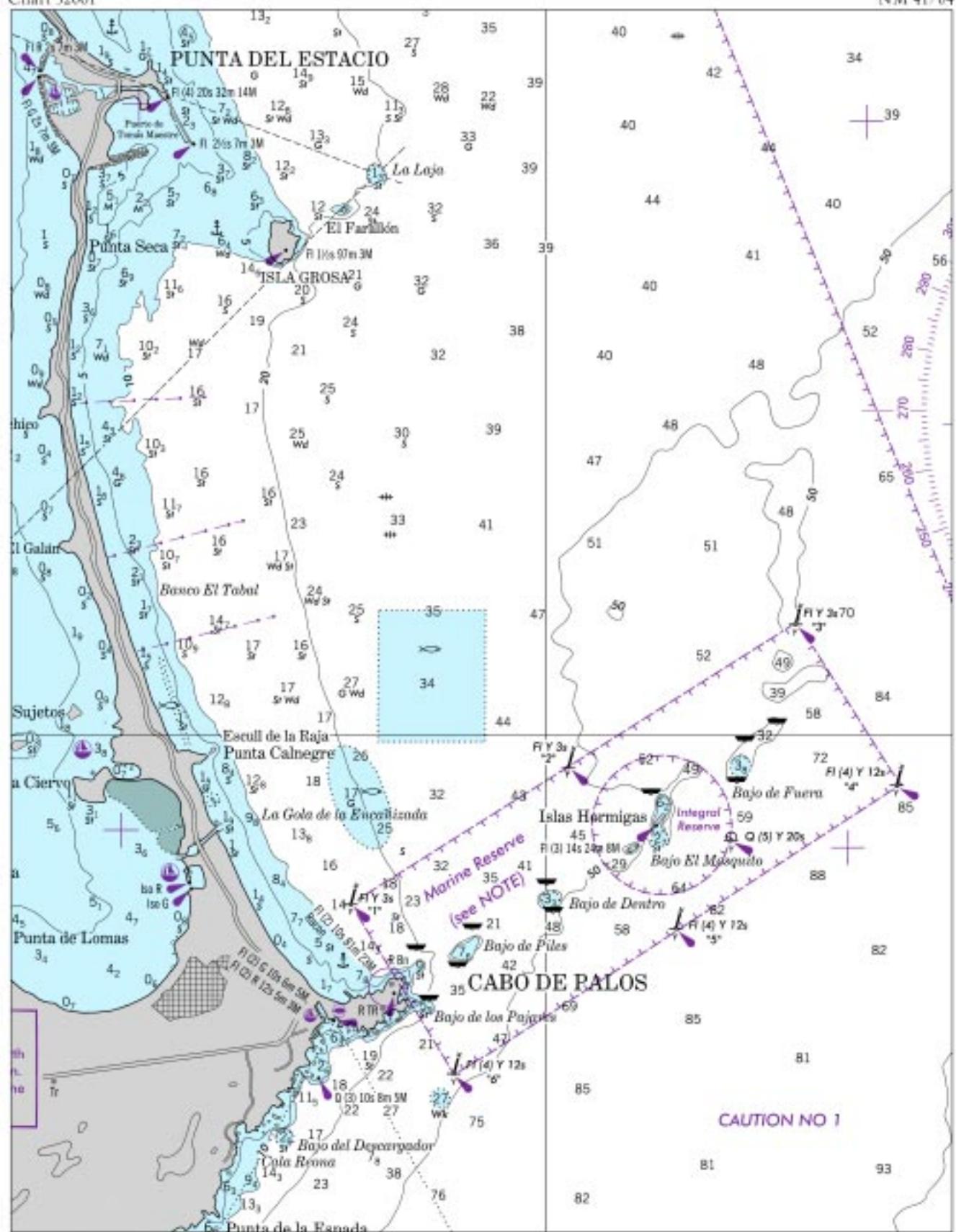
97385 10Ed. 8/2/97 LAST NM 40/04 41/04
 Add Submarine cable [L30.1] joining 32°34'55"N 130°23'51"E
 32°34'19"N 130°24'04"E
 32°34'05"N 130°23'39"E
 32°34'30"N 130°22'31"E
 32°34'24"N 130°20'47"E
 32°35'49"N 130°19'46"E
 (43(1750)99 Tokyo)

SECTION I

NM 41/04

Chart 52061

NM 41/04



CAUTION NO 1

SECTION I

NM 41/04

Chart 11521

NM 41/04

CHARLESTON HARBOR ENTRANCE							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO AUG 2004							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)							
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES) DEPTH (FEET)
FORT SUMTER RANGE	42.6	48.2	48.0	38.3	7-8-04	1000	14.8 A47
MOUNT PLEASANT RANGE	46.7	47.5	45.8	47.8	8-03	1000-600	1.6 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 41/04

CHARLESTON HARBOR ENTRANCE							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO AUG 2004							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)							
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES) DEPTH (FEET)
FORT SUMTER RANGE	42.6	48.2	48.0	38.3	7-8-04	1000	14.8 A47
MOUNT PLEASANT RANGE	46.7	47.5	45.8	47.8	8-03	1000-600	1.6 A45
REBELLION REACH	47.4	48.8	47.8	48.1	8-03	600	1.4 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

SECTION I

Chart 11524

NM 41/04

CHARLESTON HARBOR, COOPER RIVER AND SHIPYARD RIVER TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS-SURVEYS TO AUG 2004								
NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS			
	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
FORT SUMTER RANGE	42.6	48.2	48.0	38.3	7-8-04	1000	14.8	A47
MOUNT PLEASANT RANGE	46.7	47.5	45.8	47.8	8-03	1000-600	1.6	A45
REBELLION REACH	47.4	48.8	47.8	48.1	8-03	600	1.4	45
SHUTES-FOLLY REACH	48.2	48.1	48.4	48.9	9-03	600-800	1.3	45
HORSE REACH	48.6	49.5	49.1	46.0	9-03	800	0.5	45
CUSTOMHOUSE REACH	47.1	49.2	48.8	47.3	9-03	1385	0.2	45
SOUTH CHANNEL	24.4	24.8	24.5	B24.3	10-98;7-04	600-1000	3.1	45
HOG ISLAND REACH	46.5	46.9	45.2	42.6	9-03	600-1300	1.5	45
DRUM ISLAND REACH	41.0	44.9	47.3	34.1	4,5-02;3,5-04	600-1300	0.7	45
TOWN CREEK LOWER REACH	39.5	39.0	39.0	38.2	9-03	400-450	1.1	45
TURNING BASIN	36.5	34.3	34.2	33.4	5-02	250	0.25	35
TOWN CREEK UPPER REACH	35.2	40.2	C40.9	40.5	11-01;5-02	250	1.0	16
MYERS BEND	45.4	48.3	48.6	48.1	5-04	600-900	0.4	45
DANIEL ISLAND REACH	44.4	47.4	44.9	38.3	5-04	880-980	1.2	45
DANIEL ISLAND BEND	35.8	50.0	49.5	48.0	5,6-04	700-780	0.4	45
CLOUTER CREEK REACH	45.6	47.3	47.8	47.3	6-04	600	0.9	45
NAVY YARD REACH	46.9	48.0	48.1	46.1	6-04	600-700	1.1	45
NORTH CHARLESTON REACH	47.1	49.1	49.2	47.3	6-04	500-600	1.0	45
FILBIN CREEK REACH	46.2	49.0	49.3	44.7	6-04	500	0.6	45
PORT TERMINAL REACH	41.5	47.9	48.2	44.0	6-04	600	0.7	45
ORDNANCE REACH	48.7	50.1	48.6	49.5	6-04	600	0.3	45
ORDNANCE REACH TURNING BASIN	49.2	47.3	45.6	45.0	6-04	800	0.26	45
WANDO RIVER								
LOWER REACH	44.0	47.1	47.2	39.2	4,5-02;3-04	1500-400	1.3	45
UPPER REACH	41.2	41.2	43.5	42.3	3-04	400-850	0.74	45
TURNING BASIN	44.4	44.2	46.8	46.1	3-04	550	0.3	45
SHIPYARD CREEK								
MAIN CHANNEL	25.3	27.5	28.8	25.8	3-04	1200-300	1.0	30
LOWER TURNING BASIN	44.3	45.1	46.0	43.8	3-04	700	0.2	38
UPPER TURNING BASIN	18.8	21.2	23.0	21.6	3-04	600	0.15	30
COOPER RIVER								
RANGE A	38.2	37.4	38.3	37.9	7-88;7-10-03;6-04	400-1350	1.02	35
RANGE B	18.6	23.1	39.1	37.3	12-99;10-03	VARIABLES	0.74	35
RANGE C	20.6	D24.6	38.9	39.2	7-88;12-99;10,11,12-03	VARIABLES	0.76	35
RANGE D	38.9	38.4	38.2	38.0	2-00;11,12-03	VARIABLES	0.58	35
RANGE E	32.1	34.8	38.2	36.3	1-95	VARIABLES	0.38	35
RANGE F	25.0	36.6	35.2	33.9	1-95	VARIABLES	0.29	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 39 FEET, AT 32°48'45.3"N; 79°55'45.7"W.
 D. OBSTRUCTION LOCATED WITH A DEPTH OF 37 FEET, AT 32°55'15.9"N; 79°55'54.8"W.
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 14815

NM 41/04

ROCHESTER HARBOR CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS JUN 2004							
NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GREAT LAKES LOW WATER DATUM (LWD)				PROJECT DIMENSIONS		
	LEFT OUTSIDE QUARTER	MIDDLE HALF	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH LWD (FEET)
ENTRANCE TO BEGINNING OF JETTIES	18.3	19.3	19.9	3-04	300	0.91	24
BEGINNING OF JETTIES TO END OF JETTIES	18.4	19.1	17.3	3-04	200	0.57	23
END OF JETTIES TO RR BRIDGE	9.6	17.4	17.6	6-04	200-400	0.27	23
TURNING BASIN	4.5	A7.3	7.9	6-04	140-25	0.04	23
RR BRIDGE TO 200 FT N OF BUOY "2" AT 43°14'04"N 077°37'02"W	10.9	B14.3	12.3	3-04	150-225	1.44	21
200 FT N OF BUOY "2" AT 43°14'04"N 077°37'02"W TO PT AT 43°13'50"N 077°36'57"W	17.7	12.7	10.6	6-04	150-525	0.30	21
PT AT 43°13'50"N 077°36'57"W TO END OF PROJECT	11.1	11.5	11.3	3-04, 6-04	150	0.51	21

A. SHOALING TO 6.4 FEET IN LEFT HALF OF QUARTER
 B. SHOALING TO 11.8 FEET FROM 43°15'10.8"N 077°36'30.1"W TO 43°15'13.7"N 077°36'28.0"W
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SECTION I

Chart 18523

NM 41/04

COLUMBIA RIVER CHANNEL DEPTHS MILLER SANDS RANGE TO GULL ISLAND TURN AND CHANNEL TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF AUG 20, 2004								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT COLUMBIA RIVER DATUM (CRD) * SEE FOOTNOTE					PROJECT DIMENSIONS			
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) (STAT. MILES)	LENGTH CRD (FEET)	DEPTH (FEET)
MILLER SANDS RANGE	39	41	40	39	7-04	600	2.2	40
PILLAR ROCK LOWER RANGE	38	39	39	38	7-04	600	3.0	40
PILLAR ROCK UPPER RANGE	35	40	40	39	7-04	600	1.9	40
WELCH ISLAND REACH	43	42	41	36	7-04	600	3.2	40
SKAMOKAWA CHANNEL	22	42	39	37	7-04	600	3.3	40
STEAMBOAT REACH	48	48	43	40	7-04	600	1.4	40
PUGET ISLAND RANGE AND TURN	40	42	38	34	7-04	600	3.5	40
WAUNA RANGE	37	39	38	37	8-04	600	2.2	40
DRISCOLL RANGE	38	38	40	40	8-04	600	1.7	40
WESTPORT TURN AND RANGE	37	40	41	41	7-04	600	2.0	40
WESTPORT CHANNEL	37	39	39	38	7-04, 8-04	600	2.4	40
EUREKA LOWER CHANNEL	46	41	42	44	8-04	600	2.1	40
EUREKA UPPER CHANNEL	42	44	43	42	8-04	600	0.8	40
OAK POINT CHANNEL	44	45	43	43	8-04	600	2.4	40
GULL I TURN AND CHANNEL	45	50	40	35	8-04	600	2.2	40

* CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES TO THE ABOVE INFORMATION

Chart 18531 (Lower Panel)

NM 41/04

COLUMBIA RIVER CHANNEL DEPTHS TOMAHAWK BAR TO BONNEVILLE LOCKS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF AUG 20, 2004								
CONTROLLING DEPTHS IN FEET AT COLUMBIA RIVER DATUM (CRD) * SEE FOOTNOTE					PROJECT DIMENSIONS			
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (STAT. MILES)	DEPTH (FEET)	
TOMAHAWK BAR	18	18	17	11-03	300	3.7	27	
AIRPORT BAR	18	18	18	3-04	300	2.8	27	
GOVERNMENT ISLAND LOWER RANGE	16	17	17	3-04	300	1.1	27	
GOVERNMENT ISLAND MIDDLE RANGE	14	18	16	3-04	300	1.6	27	
FISHER QUARRY CHANNEL RANGE	26	24	21	3-04	300	1.0	27	
GOVERNMENT ISLAND RANGE	25	30	25	3-04	300	1.1	27	
GOVERNMENT ISLAND UPPER RANGE	17	18	21	3-04	300	0.8	27	
LADY ISLAND RANGE	18	21	23	3-04	300	2.1	27	
LADY ISLAND CHANNEL AND UPPER RANGE	28	28	19	3-04	300	0.9	27	
WASHOUGAL LOWER RANGE	21	28	28	3-04	300	1.5	27	
WASHOUGAL UPPER RANGE	19	26	30	3-04	300	1.1	27	
GARY ISLAND RANGE	16	15	15	3-04	300	0.9	27	
REED ISLAND RANGE	18	15	14	10-03, 3-04	300	2.2	27	
TUNNEL POINT CHANNEL	24	25	26	10-03	300	0.8	27	
ROOSTER ROCK CHANNEL	26	23	25	10-03	300	1.2	27	
CAPE HORN CHANNEL	34	32	31	10-03	300	2.4	27	
CANDIANA CHANNEL	16	38	36	10-03	300	1.0	27	
FASHION REEF LOWER RANGE	12	19	21	10-03	300	2.2	27	
MULTNOMAH FALLS BAR RANGE	13	23	16	10-03	300	1.3	27	
MULTNOMAH FALLS TURN	12	20	21	10, 11-03	300	0.8	27	
MULTNOMAH FALLS UPPER RANGE	18	21	24	11-03	300	3.2	27	
MCGOWANS CHANNEL	39	34	25	11-03	300	1.1	27	
WARRENDALE LOWER RANGE	20	22	23	11-03	300	0.9	27	
WARRENDALE UPPER RANGE	21	28	22	11-03	300	0.8	27	
HAMILTON ISLAND REACH	21	30	27	11-03	300	0.9	27	
ENTRANCE TO BONNEVILLE LOCKS	22	22	22	3-00	300	0.6	27	

* CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SECTION I

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 29/03 THROUGH NM 41/04**

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

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
12	1	27/04	11009	37	40/04*	11357	36	38*,52/03;2,3,5,12,14,15, 17,20,23,26,37,38/04	11441	40	15*,31,32/04
13	1	27/04	11013	45	38*,40,50,52/03;16,19, 38/04	11358	52	41*,49,50,51/03;2,3,5,6, 7,14,19,23,25,33,35,36, 37,38/04	11442	34	38*,39,52/03;31/04
21	4	4/04	11300	39	30,31,32,34,35,36,44,45, 50,51/03;5,6,7,10,15,18, 20,23,25,34,35,37,39/04	11359	11	49,50/03;19,32/04	11445	30	39/03
22	1	4/04	11301	23	32/03;1,7,17,25,27/04	11360	40	29,30,34,35,37,38,49,50, 51,52/03;1,2,3,5,7,11,13, 14,15,20,22,25,35,36,39, 40,41/04	11446	31	12*,31,32/04
50	6	32*,34,40,50/03	11302	30	48*,03*;1,7,17,27/04	11361	71	11*,12,13,17,19,23,24, 25,27,33,34,37,39,41/04	11447	36	11*,14,31,32/04
53	2	34,50/03	11304	13	33/04*	11362	4	N29,N30,N34,N35,N37, N38,N49,N50,N51, N52/03;N1,N2,N3,N5, N7,N11,N13,N14,N15, N20,N22,N25,N35,N36, N39,N40,N41/04	11448	9	12/04*
70	4	34/03	11305	1	N32/03;N1,N13,N23, N26,N36/04	11363	39	47*,50,51/03;1,4,5,6,12, 13,14,17,20,23,25,26,28, 32,34,35,37,38,39/04	11449	16	31/04
71	4	34/03	11310	1	N32/03;N1,N12/04	11364	39	30,33,34,35,43,50,51/03; 1,4,6,13,14,21,25,26,28, 37,04	11450	31	11,14,31/04
73	4	34/03	11311	23	1,12,36/04	11365	17	32,34,50/03;3,6,7,14,15, 20,23,25,35,38/04	11451	39	15*,19/04
103	5	9/04	11312	3	32/03;1,13,25,26,36/04	11366	8	52/03*;1,3,5,7,11,12,13, 14,15,19,23,25,32,35,36, 40,41/04	11452	5	39,52/03
105	4	28/04	11313	22	36,52/03;4,14,20,25/04	11367	32	38*,45,46,51/03;14,25, 28,33/04	11453	24	11,31/04
108	9	34,39/03;19,21/04	11314	23	15/04*	11368	23	43*,50,51/03;1,6,13,28/04	11454	36	40/03;14,32,34/04
120	6	39/03	11315	31	48/03*	11369	44	43,50/03;1,6,13,28/04	11455	38	5,14,16,29/04
124	10	34,39/03;27/04	11316	39	29,34/03;1,15,27,37,38, 39/04	11370	25	38/04*	11456	40	16/04*
145	16	39/03;27/04	11317	30	12*,19,27,38/04	11371	36	35*,48/03;4,6,12,37/04	11457	20	22*,29/04
200	3	37/03	11318	1	N44,N50/03;N1,N13, N23,N36,N38/04	11372	31	23*,25,37,39/04	11458	6	36/04*
204	4	4/04	11319	31	29,30,34/03	11373	43	48*,49/03;1,3,4,5,7,14, 17,20,22,24,34,36,37, 39/04	11459	10	5/03/
301	1	35/04	11320	1	N52/03	11374	32	2*,7,14,17,20,22,24,25, 34,36,38/04	11460	17	25*,34/04
302	1	35/04	11321	30	40/04*	11375	35	29,47,51/03;1,7,14,17,20, 22,24,25,34,36,38/04	11461	22	19*,29,32,34/04
310	20	52/03;6,35/04	11322	28	30,34,35,42,47/03;1,7,14, 17,27,38/04	11376	23	48*,49/03;5,7,11,16,17, 19,20,23,35,38,39/04	11462	36	30/03;14,21,31,34, 38/04
400	3	29,33,34/03;6,19,25,27, 36,37/04	11323	60	47*,49,51/03;1,3,5,6,9, 15,17,19,20,25,26,35,37, 38,39,40/04	11377	5	38/04*	11463	17	11,31/04
401	5	29,33,34,44/03;6,19,21, 25,27,36,37,38/04	11324	33	47*,49,52/03;1,14,17,19, 20,26,27,33,37,38/04	11378	36	16*,20,23,24,32,40/04	11464	16	31/04
402	4	27/04	11325	35	38,42,47/03;1,14,17,27, 37/04	11379	35	29,47,51/03;1,7,14,17,20, 22,24,25,34,36,38/04	11465	36	40/03;16,29/04
411	49	29,30,31,33,44,52/03;1,5, 6,16,19,21,25,36,37, 38/04	11326	32	15*,16,17,19,20,23,26, 33,34,37,38,40,41/04	11380	43	32,34,50/03;3,6,7,14,15, 20,23,25,35,38/04	11466	36	30*,31,40,40,40,40/04
500	8	32*,34,41/03	11327	31	46*,52/03;1,14,16,17,19, 27,33,34,38/04	11381	44	43,50/03;1,6,13,28/04	11467	38	5,14,32,34/04
501	12	40,41/03;4,6,11,19,35/04	11328	23	43*,52/03;1,2,4,6,7,14, 17,23,27,37,38/04	11382	23	38/04*	11468	24	50/03;16/04
502	2	40,44/03;11/04	11329	35	48*,49,52/03;2,6,7,14,17, 23,27,33,38/04	11383	50	52/03*;13,24,32,40/04	11469	35	19*,29,32,34/04
503	4	1,27/04	11330	15	50*,51/03;1,2,4,5,6,7,10, 13,14,15,17,20,23,25,26, 34,35,37,38/04	11384	34	2*,13,24,40/04	11470	22	11*,29,38/04
504	4	23,26/04	11331	19	12*,14,25,36/04	11385	26	23*,36/04	11471	1	N32/04*
510	3	40/03;17/04	11332	29	24*,25,26,27,35,38/04	11386	17	18*,20,35/04	11472	31	40/03;14,32,34/04
511	4	17/04	11333	1	N35/03	11387	33	16*,20,23,24,32,40/04	11473	10	5/03/14,32,34/04
512	2	11,20/04	11340	68	37*,38,45,46,49,50,51, 52/03;1,2,3,4,5,6,7,10,13, 14,15,16,17,19,20,23,25, 26,32,33,34,35,36,37,38, 39,40,41/04	11388	17	18*,20,35/04	11474	33	30,34,50,52/03;14,32, 36/04
513	7	34/04*	11341	40	18*,25,26,27,35,37,38, 39,40/04	11389	32	32,42,51/03;2,7,13,14,16, 17,23,24,33,34,35,39/04	11475	9	N31/03;N14,N29/04
514	7	16/04*	11342	52	29,31,34,35,42,46,47/03; 1,6,13,14,17,27,36,37,38, 40/04	11390	23	19*,20,23,24,26,33,34, 35,39/04	11476	8	N14,N29,N32,N34/04
520	127	34,40,41/03;4,11,26,27, 35/04	11343	35	48*,49,50/03;4,17,27,36, 38/04	11391	23	2*,3,7,14,16,17,23,24,33, 34,35,39/04	11477	6	N15,N29/04
521	11	34,50/03;11,20/04	11344	35	29,31,34,38,45,46,49,50,51, 52/03;1,2,3,4,5,6,7,10,13, 14,15,16,17,19,20,23,25, 26,32,33,34,35,36,37,38, 39,40,41/04	11392	6	32,50/03;3,14/04	11478	20	32*,50,52/03;13,29/04
523	8	34,50/03;11,20,26/04	11345	31	38/03,4,37/04	11393	20	30,35,42,47/03;13,14/04	11479	4	N31,N34,N40,N52/03;
524	12	34/03	11347	34	38*,39/04	11400	35	30*,36/04	11480	38	30/03*;14,21,31,34,
525	3	40/03	11348	20	43*,47,51/03;4,24,25, 36/04	11401	30	25/04*	11481	5	22*,29,39/04
526	10	26/04	11349	41	22*,23,25,33,35,38,39/04	11402	21	30*,34/03	11482	22	14/04
530	30	34,40,41,44,50/03;4,7,11, 19,21,23,26,27,33,34/04	11350	25	43/03*	11403	22	10*,40/04	11483	28	31*,41/04
531	22	21/04*	11351	38	30,31,34,48,50,51,52/03; 1,3,5,12,3,5,7,11,13,14,15,16,17, 26,32,33,34,35,36,37,38, 39,40,41/04	11404	18	36,38/04	11484	24	30*,34,41/04
532	17	34,50/03;11,15,20/04	11352	37	13*,14,15,20,25,35,37, 39/04	11405	29	38/03*;33,40/04	11485	33	38/04
540	17	16*,23,26/04	11353	31	38/03,4,37/04	11406	11	33/04	11486	15	36/03*;38/04
541	2	26/04	11354	34	38*,39/04	11407	28	21/04	11487	24	50/03;16/04
600	5	45/03	11355	20	43*,47,51/03;4,24,25, 36/04	11408	28	32/03*;15/04	11488	24	50/03;16/04
601	4	38/03	11356	31	38/03,4,37/04	11409	14	13,14,15,16,13,16,32,36/04	11489	35	19*,29,32,34/04
602	6	38/03	11357	34	38/04	11410	42	18*,31,32,34,36/04	11490	21	16,32/04
604	5	38/03;22/04	11358	35	30*,36/04	11411	14	13,14,15,16,13,16,32,36/04	11491	32	32/04
607	1	45/03	11359	30	35/04	11412	42	18*,31,32,34,36/04	11492	28	31*,41/04
623	9	36/03	11360	38	34,35,36,37,38/04	11413	36	32,42,51/03;2,7,13,14,16, 17,23,24,33,34,35,39/04	11493	9	N31/03;N14,N29/04
624	3	7/04	11361	40	18*,25,26,27,35,37,38, 39/04	11414	14	13,14,15,16,13,16,32,36/04	11494	8	N14,N29,N32,N34/04
703	4	44/03	11362	52	29,31,34,35,42,46,47/03; 1,6,13,14,17,27,36,37,38, 40/04	11415	6	12,13,14,15,16,13,16,32,36/04	11495	9	N34/03;N5,N14,N21, N29,N31,N34,N38/04
706	4	44/03	11363	19	12*,14,25,36/04	11416	6	15*,16,29,31,34,36/04	11496	16	14/04
707	2	34,44/03	11364	29	24*,25,26,27,35,38,39/04	11417	27	52/03*;13,24,32,40/04	11497	29	18*,29,32/04
708	3	34,36/03	11365	37	48*,49,50/03;4,17,27,36, 38/04	11418	21	30*,34/03	11498	40	2*,14,29,32,34,41/04
800	4	15,20/04	11366	37	13*,14,15,20,25,35,37, 39/04	11419	21	30*,34/03	11499	29	25*,32/04
803	1	15/04	11367	35	38/04	11420	22	10*,40/04	11500	19	25*,32/04
1113A		52/03;16,32,36,38/04	11368	35	29,31,34,38,43,44,46,47/03; 4,5,9,14,16,17,24,34,35, 37,39/04	11421	18	36,38/04	11501	17	36/04*
1114A		30*,36/04	11369	34	38/04	11422	35	10*,14,15,36,38/04	11502	21	32/04
1115A		29,30,34,35,37,38,49,50, 51,52/03;1,2,3,5,7,11,13, 14,15,20,22,25,35,36,39, 40,41/04	11370	31	38/04	11423	33	30*,41/04	11503	28	31*,41/04
1116A		37*,38,45,46,49,50,51, 52/03;1,2,3,4,5,6,7,10,13, 14,15,16,17,19,20,23,25, 26,32,33,34,35,36,37,38, 39,40,41/04	11371	34	38/04	11424	18	36,38/04	11504	19	39/04
1117A		30,31,32,34,35,36,44,45, 50,51/03;5,6,7,10,15,18, 20,23,25,34,35,37,39/04	11372	37	13*,14,15,20,25,35,37, 39/04	11425	35	10*,14,15,36,38/04	11505	22	30*,41/04
5161	13	48/03*	11373	3	9*,13,14,19,26,38,34,37, 38/04	11426	36	38*,52/03;14,15,38/04	11506	40	38*,39,50/03;1,2,5,7

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 29/03 THROUGH NM 41/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

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

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
12201	25	N32/03;N1,N2,N6,N7, N16,N25,N29/04	12341	26	36/03*	13287	11	20/04	14177		N40/03*
12204	35	33/03;5/04	12347	29	29,35/03;24,26,28,30/04	13288	40	29,42,44,45/03;20,23, 40/04	14178		N40/03*;N5,N6/04
12205	28	43*,50/03;5,11,35,39/04	12348	33	29,34/03;26/04	13290	35	39*,42,44,49/03;20,23, 29,40/04	14180	38	42/03**
12206	30	50/03*;2,15,19,27,39/04	12350	58	17*,33/04	13292	36	29,42,44,49/03;20,23, 29/04	14181	3	43/03**
12207	21	18*,35,39/04	12353	18	8*,26/04	13293	33	40/04	14183	15	38/03**
12208	10	29*,39/04	12354	41	26*,30/04	13301	20	42,45/03	14184		N32,N44,N47,N49/03; N38/04
12210	36	33/03	12363	39	32,36/03;30,31/04	13302	21	32,42,45,52/03;8/04	14185	2	40/03**
12211	42	40/04*	12364	34	32,36,39/03;29,30,31, 37/04	13303	28	36,44/03;8/04	14186	2	40/03**
12214	45	30*,40/04	12366	27	31/04	13307	10	44/03;8/04	14187	2	38/03**
12216	27	40/04	12367	23	30/04	13308	12	22/04*	14188	1	42/03
12221	75	48*,50/03;2,9,11,19,28, 35,36,38,39/04	12368	26	30/04	13309	28	32,52/03;15/04	14189	2	36,42,44/03;4,6,15,39/04
12222	46	30*,36/04	12369	25	32,35,36,43/03;28,37, 38/04	13312	21	34,35/04	14190	2	37,42/03;14/04
12224	23	33,45/03;9/04	12371	23	52/03;19,25,28/04	13313	19	36/03;34,35/04	14191		N38/03*;N41/04
12225	54	33/03;9,28/04	12372	32	8*,17,20,23,25,28,29,30, 34,38,39/04	13318	18	36/04	14192		N38/03*;N9/04
12228	30	16/04*	12373	14	17/04	13324	14	5*,34,35/04	14193		N38/03*;N15/04
12230	61	3*,20,26,28,33,39,40/04	12375	21	30/04	13325	14	29/03;7/04	14195		N42/03*;N15/04
12231	26	30/03;28,40/04	12401	7	33,41/03;22,28/04	13326	13	25/04*	14196		N38/03*;N15,N38/04
12233	36	16/04*	12402	8	34,41/03;31,33/04	13394	3	42/03;36/04	14197		N38/03*;N15/04
12235	30	22*,28,29/04	13000		N29/03	13396	4	36/04	14198		N43/03*;N36/04
12237	27	48/03*;28,29/04	13003	47	36*,39,44,45,48,52/03;6, 16,17,34,36/04	13398	3	40/04	14200	2	38/03**
12238	38	6*,19,28,35,36,38/04	13006	31	36*,39,44,45,48/03;6,16, 33,34,36/04	14000		N23/04*	14201	15	38/03**
12241	21	34/03;2,35/04	13009	30	36,39,44,45,48/03;6,16, 33/04	14002	57	23/04**	14203	12	42/03**
12243	13	12,20,35/04	13200	33	36,39,44,45,48/03;6,33, 34/04	14003	6	29,39,48/03;6,16,36, 39/04	14204	21	38/03**
12244	13	20/04	13201	10	N36,N39,N44,N45, N48/03;N6/04	14004		N23*,N39/04	14205	7	38/03**
12245	63	26/04*	13203	12	48/03	14005	78	23/04**	14206	20	43/03**
12248	40	44/03*;4,15/04	13204	12	44/03;6/04	14006		N23/04*	14207	33	36/04
12251	23	12,27/04	13205	36	21,25,29/04	14007		N38/03*;N14,N41/04	14208	28	38/03**
12252	24	25*,28,38/04	13209	24	37/04*	14008	76	38/03**	14209		N38/03*;N15,N41/04
12253	43	35/03*;2,10,13,15,19,27, 28,39/04	13211	13	45/03;29/04	14009	3	29/04**	14211		N40/03*;N41/04
12254	44	16*,35/04	13212	36	18*,25,38,39/04	14010	5	29/04**	14212		N38/03*;N11,N15/04
12255	15	30,34/03	13213	41	18*,20,23,34,38,39/04	14011		N23/04*	14213		N39/03*;N5,N36/04
12256	14	48/03*;2,12,35/04	13214	27	21,27,28,39/04	14012		N29/04*	14214		N39/03*;N36/04
12261	28	48/03;20,40/04	13215	17	6,28/04	14013		N29/04*	14215		N39*,N44/03;N5,N15, N36/04
12263	53	11*,14,37,41/04	13216	1	N2/04	14014	82	29/04**	14216		N43/03*;N37,N41/04
12264	28	42,44,48,52/03;26,33, 39/04	13217	14	6/04	14015		N29/04*	14217		N39/03*;N6/04
12266	28	8*,41/04	13218	38	46,50,52/03;19,20,22,23, 24,29,30,33/04	14016		N29/04*	14218		N40/03*;N6,N19/04
12270	33	15*,37,41/04	13219	12	26/04	14019		N29*,N34/04	14219		N39/03*;N36/04
12272	29	30,33,38/03;7,41/04	13221	54	15*,19,20,23,26,28,29, 33,34/04	14020	5	29/04**	14220		N39/03*;N36/04
12273	55	31*,38,39/04	13223	37	16*,20,23,29/04	14021	27	36/04	14222	16	40/03**
12274	33	30,33/03;20,29,38/04	13224	37	22*,26,28,33,34/04	14024	5	36,47/03;37,39/04	14223	18	38/03**
12277	32	35*,51/03;20,26,29,38, 39/04	13225	33	15,19,33/04	14025	65	29/04**	14224		N39/03*;
12278	73	8*,31,38,39/04	13226	39	34*,36/04	14026	12	29/04**	14225		N39/03*;N5/04
12280	4	52/03*;2,7,9,28,35,36, 39/04	13227	12	26/04	14027	12	34,42/03	14226		N39/03*;
12281	49	38,44,48,49/03;1,16,20, 39/04	13228	54	15*,19,20,23,26,28,29, 33,34/04	14028	10	34/03;5,38/04	14227	28	39/03**
12282	34	43/03*;31/04	13229	37	16*,20,23,29/04	14029	29	34/03	14228	11	39/03**
12283	25	29/04*	13230	37	22*,26,28,33,34/04	14030	29	34/03	14229		N39/03*;
12284	15	42,48/03;26,33,39/04	13231	33	15,19,33/04	14031	27	36/04	14230		N43/03*;
12285	36	19*,36/04	13232	6	17*,19,29/04	14032	19	14/04	14231		N44/03*;
12286	29	42,52/03;28,36/04	13233	13	49/03;19/04	14033	11	22,23/04	14232		N39/03*;
12287	17	36/04	13234	28	12*,13,19,22,23,24,30, 34/04	14034	30	38/04	14233		N40/03*;
12288	19	9,36/04	13235	47	19*,22,23,23,24,30,34/04	14035	6	49/03;15,38/04	14234		N39/03*;N5,N36/04
12289	48	13/04	13236	4	19,23,28,34/04	14036	7	41/04	14235		N40/03*;
12300	44	37*,41/04	13237	16	39/03;4,22,23/04	14037	10	34/03;5,38/04	14236		N36/03*;
12301	21	N39,N44,N48,N49/03; N6,N20,N28,N31,N33, N34,N36/04	13238	6	23/04*	14038	29	34/03	14237		N40/03*;N14,N39/04
12304	43	48,52/03;2,5,9,22,26,28, 30/04	13239	29	50/03;1/04	14039	2	41/04	14238		N40/03*;N9/04
12304	44	40/04*	13240	15	23/04	14040	6	41/04	14239		N40/03*;N41/04
12311	43	37/04*	13241	17	23/04	14041	6	41/04	14240	6	43/03**
12312	52	32,51/03;1,10,16,22,31, 36/04	13242	39	32/03	14042	5	32,34,42,44/03	14241	23	39/03**
12313	50	41/04*	13243	37	32/03	14043	44	47,49/03;1,36,41/04	14242	13	40/03**
12314	30	33,35/03;19,22,28/04	13244	39	32/03	14044	17	47/03	14243	5	32,47,49/03;1,04
12316	31	38/04*	13245	28	45/03*;15/04	14045	2	32,42,44/03;1,41/04	14244	23	39/03**
12317	32	28/04*	13246	103	29,39,42,49/03;5,34/04	14046	5	32,42,44/03;1,41/04	14245	4	40/03**
12318	42	31*,36/04	13247	31	47/03*;9,23,35/04	14047	2	29/04**	14246	6	39/03**
12323	23	6/04	13248	9	7,9/04	14048	11	14/04	14247		N39/03*;N5,N6/04
12324	31	15*,19,28/04	13249	60	50/03*;9,15/04	14049	2	41/04	14248		N40/03*;
12326	49	35*,49/03	13250	48	18*,20,23,36/04	14050	2	32,49/03;6/04	14249		N39/03*;N5,N36/04
12327	97	48*,49/03;17,20,22,24, 27,28,30,31,40/04	13251	25	43/03*;6,15,23/04	14051	2	32,34,38/03;1,4/04	14250		N40/03*;
12331	30	33/03;22,33,40/04	13252	28	45/03*;15/04	14052	2	14/04	14251		N40/03*;N36/04
12332	21	22,40/04	13253	22	36/03*	14053	7	32,34,42,44/03	14252		N40/03*;N14,N39/04
12333	33	44*,49/03;17,24,28/04	13254	25	32,39/03;23/04	14054	1	37/03;41/04	14253		N40/03*;N9/04
12334	67	25*,28,30,31/04	13255	30	32,39/03;17,23/04	14055	2	32,38,42,49/03	14254		N40/03*;N41/04
12335	40	47/03*	13256	17	17,23/04	14056	2	14/04	14255		N40/03*;N41/04
12337	22	22/04	13257	22	36/03*	14057	17	47/03;9,04	14256		N40/03*;N36/04
12338	9	19/04	13258	11	39/03	14058	2	34/03	14257		N40/03*;N14,N39/04
12339	44	50/03*;23/04	13259	10	4/04	14059	2	34/03	14258		N40/03*;N1,N5, N15/04
12339	44	50/03*;23/04	13260	30	22/04*	14060	1	4/04	14259	6	43/03*
12339	44	50/03*;23/04	13261	7	N29,N36,N39,N42, N45/03;N34,N35/04	14061	2	14,38,41/04	14260	47	39/03**
12339	44	50/03*;23/04	13262	103	47/03*;9,23,35/04	14062	5	32,36/03;1,5,9/04	14261	15	40/03**
12339	44	50/03*;23/04	13263	31	47/03*;9,23,35/04	14063	19	3			

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 29/03 THROUGH NM 41/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
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Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
14373	2	34,49/03;1,4,39/04	14930	25	15*,32,41/04	16423	2	47/03	16723	15	6,12/04
14380	19	49/03;6/04	14932	23	15,19,32/04	16431	7	50/03*	16741	10	16/04*
14386	3	6/04	14933	24	13,30,32,40/04	16432	11	3/04*	16760	10	12/04
14404	4	47/03	14934	27	1/04	16433	8	14/04*	16762	9	12,14/04
14415	4	36/03	14935	21	1,10/04	16434	6	29/04*	17003	4	35,36/03;6/04
14420	27	40/03**	14937	24	10/04	16435	6	24/04*	17005	10	34,35,43/03;3,6,30,31, 35/04
14756		N50/03;N11/04	14938	23	1,7/04	16442	7	41/03*	17008	12	36/03
14757		N15/04	14942	25	1,40/04	16446	8	30/04*	17300	30	39/03
14758		N32,N49/03	14961	12	3*,26/04	16450	2	34/04*	17302	18	49/03;32/04
14769		N13/04**	14962	20	16/04*	16462	6	32/04*	17303	10	24*,32/04
14771	17	32/04*	14964	21	18/04*	16463	7	3/04*	17324	13	39/03;5/04
14774	17	40/04*	14965	21	2/04	16465	2	41/04*	17325	8	38/04*
14782	24	47/03	14966	26	15/04*	16467	2	40/04*	17317	20	18/04*
14784	20	41/04*	14967	22	26/04	16474	8	18/04*	17318	5	39/03
14785	17	18/04*	14970	25	1/04	16477	7	18/04*	17320	16	14*,39/04
14786	13	49/03;19/04	14972	26	32/04*	16478	10	5/04*	17323	10	29,39/03;5,25,31/04
14791	18	22/04*	14974	24	5/04	16480	10	34,50/03	17324	13	39/03;5/04
14800	9	20/04	14975	33	43,49/03;10,24/04	16484	7	14/04*	17325	8	38/04*
14802	30	20/04	14982	9	16/04*	16486	7	24/04*	17327	21	46/03*,26/04
14803	26	49/03	14983	9	46/03*	16487	6	20/04*	17328	7	10/04*
14805	24	21/04*	14985	9	41/03*	16490	8	6/04*	17330	8	10*,14/04
14811	16	20/04	14986	9	46/03*	16500	9	33/03	17331	7	14/04
14813	21	49/03;19/04	14987	9	3/04*	16501	7	16/04*	17333	8	3*,14/04
14814	24	36/04	14988	10	41/03*	16511	7	17*,28/04	17335	6	14/04
14815	23	41/04*	14990	4	6/04*	16514	4	14/04*	17336	8	14,17,28/04
14816	24	17/04*	14991	10	8/04*	16515	7	38/04*	17337	8	14/04
14820	20	15*,24,35/04	14992	11	32/04*	16516	7	24/04*	17338	13	14,31/04
14822	31	38/04	14993	12	16/04*	16517	6	16/04*	17339	11	14/04
14823	30	36/04	14994	11	21/04*	16520	22	25*,41/04	17341	8	14/04
14824	26	5*,19/04	15017	4	10/04	16522	6	16/04*	17360	33	31*,36/03;13,14,39/04
14826	27	49/03;8,20,30,35/04	15043	3	34,47/03	16528	16	33/03;6,41/04	17362	10	14/04
14829	6	15*,30,32,35/04	15044	3	34,47/03;1/04	16529	15	24/04*	17363	13	14,41/04
14830	31	39/04*	15046	4	47/03;14/04	16530	6	33/03;6/04	17365	12	14/04
14832	34	49,51/03;24,26,38/04	15061	3	50/03	16531	7	41/04	17367	11	14/04
14833	26	18*,19,24,38/04	15064	1	50/03	16532	6	41/04	17368	6	14/04
14835	31	7/04	15066	5	32,47/03	16535	12	31/03	17370	10	3/04*
14836	27	10/04	15067	2	47,49/03	16540	11	27,31,40/04	17372	11	48/03*,31/04
14837	27	5/04	15069	4	47/03	16547	9	18/04*	17375	21	25/04*
14838	3	38/04	15070	3	49/03	16549	15	41/03*,32/04	17376	6	16/04
14839	36	43,49,51/03;5,8,33,40/04	15074	1	6/04	16553	4	22*,40/04	17377	1	16/04
14841	28	14*,30/04	15080	1	47/03	16561	1	29,35,44/03;25,39/04	17378	14	17/04*
14842	13	46*,51/03;10,26/04	15083	6	14/04	16566	10	29,44,49/03	17379	1	16/04
14843	23	18/04*	15160	5	50/03	16570	10	32/04*	17381	10	16/04
14844	32	18*,26/04	15163	2	50/03	16575	1	1/04	17382	15	36/03;13,16,28/04
14845	27	14*,26/04	15300		N10/04	16576	4	47/03*	17383	2	31/04*
14846	12	16*,33/04	15444		N19/04*	16580	12	9*,18,32/04	17384	8	15/04*
14847	30	43,47/03;33/04	15563		N20/04*	16590	10	1/04	17385	14	13,16,18/04
14848	56	15,20/04	15690		N35/03	16591	9	16/04*	17386	3	16,18,39/04
14850	52	2*,24/04	15946		N47/03	16592	9	1,18/04	17387	13	16/04
14852	45	2,10,15,21,24,26,36/04	16003	16	36,48/03	16593	11	1/04	17400	16	44/03;14,16,32,39/04
14853	15	39/04*	16004	11	48/03	16594	13	1/04	17401	11	18/04*
14854	13	15,38/04	16005	9	36,48/03	16595	14	1/04	17402	10	16,39/04
14860	35	26,30/04	16006	33	32,35,36/03;1,15,21,27, 28,31/04	16596	12	1/04	17403	13	16/04
14862	28	26,30,41/04	16011	35	29,31,32,35,44,50/03;1, 27,28,31/04	16598	9	1,28/04	17404	12	16/04
14864	26	1,8,41/04	16012	21	34,50/03	16599	6	1,28/04	17405	14	46/03;16,18,26/04
14865	16	26/04	16013	29	10*,32/04	16600	10	1/04	17406	7	17*,26/04
14867	26	39/03*,25/04	16016	20	9/04*	16603	8	48/03*	17407	15	10/04*
14869	26	8/04	16017	11	2/04	16604	11	1/04	17408	8	34/04*
14871	2	34/03	16041	8	48/03	16606	11	1/04	17409	10	44/03;16/04
14880	31	15/04*	16067	7	1/04	16606	11	1/04	17412	2	49/03
14881	31	8/04	16081	6	1/04	16608	4	46/03*	17413	2	44/03;32/04
14883	43	15*,19/04	16082	7	25/04*	16640	24	1,17/04	17420	26	36/03;13,30/04
14886	11	41/03*	16083	6	9/04*	16645	18	1/04	17422	8	13,29/04
14901	14	7,10,26,41/04	16084	7	37/04*	16646	12	1,25/04	17423	13	13/04
14902	28	8,10,26,41/04	16085	6	15/04*	16647	3	1/04	17424	7	22/04*
14903	23	31/03*,2,7,41/04	16086	7	18/04*	16648	4	1/04	17426	13	19/04
14904	26	40/03*,1,26/04	16087	7	5/04*	16660	29	17/04*	17427	7	36/03
14905	30	45/03*,7/04	16107	7	17/04*	16660	29	17/04*	17428	7	36,43/03;13,29/04
14906	23	32/04	16102	5	9/04*	16661	6	17/04	17429	2	N13,N29/04
14907	25	10/04	16104	5	37/04*	16663	7	17/04*	17430	10	36/03;13/04
14908	18	22/04*	16124	6	3/04*	16665	8	15/04*	17431	11	21/04*
14909	19	49/03;10/04	16200	13	36/03	16680	10	32,37/03;15/04	17432	7	23/04*
14910	23	24,41/04	16204	6	22/04*	16682	16	17/04*	17434	12	33/04*
14911	20	10,41/04	16206	7	46/03;5/04	16683	10	17/04*	17435	16	40,49/03;13/04
14912	17	31/03*	16220	5	36/03;15/04	16700	29	41/04*	17436	6	19/04
14913	18	31/03*,8,10,15,20/04	16240	10	15/04*	16701	19	37/03*,12/04	17436	7	22/04*
14916	10	1,19,26/04	16300	9	25*,32/04	16702	11	37/03*,12/04	17438	12	36/03;22,30/04
14918	27	22*,24,26/04	16305	10	25/04*	16704	13	12/04	17441	7	22,30/04
14919	27	1,7/04	16315	10	1/04	16705	19	43/03;12/04	17443	12	36/04
14922	19	5,32/04	16322	8	22/04*	16706	10	12/04	17445	2	36/03;22,30/04
14924	27	49/03;2,39/04	16323	9	3/04*	16707	10	5,12,17,26/04	17460		N19/04*
14925	23	33/04*	16338	4	17*,28/04	16708	25	50/03;12/04	17464	4	12/04
14926	10	33*,47/03;7,8,10,20, 24/04	16343	8	38/04*	16709	22	11,12,26/04	17470		N41/03
14927	24	47/03;7,8/04	16360	14	32/04*	16711	2	12/04	17471		N47/03*
14928	21	7,10,20/04	16382	10	6/04	16712	1	12/04	17472	4	36,41/03
14929	24	7/04	16420	10	46/03*	16713	2	12/04	17480	4	36/03
									17482		N41/03

SECTION I

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NM 29/03 THROUGH NM 41/04

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Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
17483		N41/03	18460	11	43/03;3,17,30,31,35/04	18704	13	30/04*	19387	9	N46/03;N12,N23/04
17484	3	41/03;31/04	18464	23	30/03	18720	31	11,21,23,24,25,29,34, 38/04	19388	2	N46/03
17485	4	41/03	18465	36	18*,27,28,31,33,35/04	18721	11	39/03;21,34/04	19480	7	6,35/04
17513		N9,N12/04	18471	9	36/03*;8,28/04	18723	3	34/04	19482	9	6/04
17515	7	36,43/03;12,33/04	18473	7	34,38,45,47,51/03;6,8,22, 28,35,39,41/04	18724	1	15,23,32/04	21005	5	15/04
17517	8	34/03;30/04	18474	8	5*,8,22,30,35,41/04	18725	27	32/03*;19,21,23,24,25, 32,36,38,40/04	21008	62	36/03
17520	2	N34/03	18475	1	35/03	18728	8	29/04	21033	46	1/04
17523		N19/04*	18476	5	18*,39/04	18730	1	N29/04	21036	7	1/04
17524		N49/03	18477	5	6,22,28,35,39/04	18740	40	46*,49/03;1,5,7,14,19,22, 23,24,25,26,28,29,31, 34/04	21125	13	36/03
17525		N43/03	18480	29	43/03;3,6,30,31,35/04	18741	18	N38/03;N1,N7,N14,N19, N22,N25,N26,N31, N34/04	21140	1	36/03;7,19,22/04
17526		N19/04*	18484	11	18*,30,31/04	18750	29	22*,35/04	21160	1	15/04
17528		N19/04*	18485	15	29/03;17,30,31,35/04	18752	35	11*,19,25,36/04	21180	1	15/04
17543	17	43/03;14/04	18500	29	22*,35/04	18754	31	29*,32/04	21384	4	11/04*
17545	13	43/03;12,14/04	18502	85	33*,37/04	18756	35	11*,19,25,36/04	21401	20	37/04
17546	22	34,35,43/03;14/04	18504	65	35/03;3,21,27,37/04	18757	10	41/03;5,36/04	21441	27	15,31/04
17548	28	43/03;30/04	18520	24	14,22,35/04	18758	6	33,49/03;4,11,13,23, 41/04	21482	1	36,46/03
17549	6	3/04	18521	70	5*,13,14,19,20,31,35, 38/04	18759	42	31,39,46,49,50/03;5,7,19, 22,31,34/04	21520	1	29/03
17550	4	43/03;3,6,31,35/04	18523	54	5*,8,13,19,20,27,31, 41/04	18760	6	N35,N36,N44/03;N1,N7, N11,N19,N21,N22,N24, N25,N26,N29,N34/04	21521	14	29/03
18000	8	36,44/03;11,21,22/04	18524	34	30*,31,37/04	18761	2	N1,N16,N28,N34/04	21525	19	38/03
18002	6	N36,N44/03;N11,N21, N22,N34/04	18525	34	25*,31/04	18762	15	1,16,28,34/04	21543	13	9/04
18003	19	41,43/03;3,6,22,30,35/04	18526	56	15*,17,19,20,31,35/04	18763	10	18*,23,28,34/04	21544	20	24/04
18005	4	N40/03;N4,N10,N21, N31,N33/04	18527	21	48/03	18765	15	46/03;7,14,16,19,20,22, 26,36/04	21546	3	24/04
18006	3	N21,N34/04	18531	21	15*,19,20,22,31,41/04	18766	7	36/03;7,19,22,26/04	21563	3	38/04
18007	31	35,41/03;4,5,6,7,16,22, 24,27,33,35/04	18532	20	52/03	18768	4	N36,N38/03;N7,N19, N22,N26/04	21580	40	52/03
18008	7	N35,N37,N41/03;N4,N5, N6,N7,N16,N22,N24, N27,N33,N35/04	18539	9	21/04*	18769	2	N1,N16,N28,N34/04	21581	5	41/03
18009	2	N40/03;N10,N31,N33/04	18543	2	15/04*	18770	15	1,16,28,34/04	21582	3	16/04
18010	20	33,40,47/03;4,5,7,16,24, 27,31,33,36,37/04	18545	15	50/03*	18771	6	N35,N36,N44/03;N1,N7, N11,N19,N21,N22,N24, N25,N26,N29,N34/04	21584	2	41/03
18020	37	47/03*;1,4,7,11,19,21,22, 24,25,26,29,31,33,34, 36/04	18546	10	19/04*	18772	47	48/03;23,36/04	21601	4	31/03
18022	34	3*,4,7,11,13,19,21,22,23, 24,25,26,28,29,31,33,34, 36,37/04	18551	8	18/04*	18773	39	40*,41/03;4,14,23,31, 34/04	21602	1	18,37/04
18400	44	41*,43,47,49/03;3,8,10, 17,27,28,30,31,35/04	18553	7	17/04*	18774	10	49/03;4,11,13,14,19,23, 25,26,31,36,41/04	21603	9	31,36/03;11/04
18401	12	34/03	18556	12	12*,22/04	18775	10	41/03;5,36/04	21604	25	4/04
18409	8	41/03	18558	21	51/03;17/04	18776	15	1,16,28,34/04	21605	7	31/03
18412	10	35/04	18560	14	44,47/03;5,16/04	18777	10	18*,23,28,34/04	22004	38	29/03;2,7,32/04
18414	9	3/04	18601	13	1/04	18778	15	46/03;7,14,16,19,20,22, 26,36/04	22008	35	29,32,38,47/03;7,25,32, 33,40/04
18415	8	32,39,47,50/03;3,9,10, 22/04	18602	12	47/03;11,14,41/04	18779	7	36/03;7,19,22,26/04	22012	31	29,32/03;25/04
18416	6	46/03;17,31,33/04	18603	16	5,16/04	18780	4	N36,N38/03;N7,N19, N22,N26/04	22032	20	40/03
18418	6	31,33/04	18620	23	4,7,24,27/04	18781	2	N1,N16,N34/04	22036	28	51/03;2,21,22/04
18419	11	46/03;1,9/04	18622	53	30/04*	18782	9	N29,N46/03;N6,N8,N12, N16,N22,N23,N24,N26, N29,N36,N41/04	22051	19	39/04*
18420	1	47,49,50/03	18623	11	4,7/04	18783	10	48/03;23,36/04	22052	7	24/04*
18421	46	50/03*;8,9,17,22,27, 35/04	18626	15	32/04	18784	39	40*,41/03;4,14,23,31, 34/04	22053	4	N20/04**
18423	34	12*,13,17,22,27,28,31, 35/04	18640	24	38,42/03;4,33/04	18785	10	49/03;4,11,13,14,19,23, 25,26,31,36,41/04	22054	1	20/04*
18424	25	45/03	18643	17	33,41,43/03;19,33/04	18786	15	21*,23,26,36,41/04	22082	4	38/03;20/04
18427	22	18/04*	18645	24	33,38/03;5,33,36,37/04	18787	2	N1,N16,N34/04	22084	4	35,37/03;15/04
18429	9	27/04	18649	63	48*,50/03;2,5,11,16,19, 20,21,25,31,33,36,40, 41/04	18788	9	N29,N46/03;N6,N8,N12, N16,N22,N23,N24,N26, N29,N36,N41/04	22090	2	33/04
18430	8	5*,17,27/04	18650	52	47/03*;11,19,20,21,36, 40,41/04	18789	10	18*,19,22,23,24,26,36, 41/04	22101	19	37/03
18431	6	1,22/04	18651	42	48/03;16,41/04	18790	17	18*,22,23,24,26,36,41/04	22102	19	25/04
18432	5	22/04	18652	32	36*,40,44,46,48,49/03;5, 11,16,19,20,25,26,29,33, 36,38,40,41/04	18791	17	41/04	22103	2	25/04
18433	5	32,36/03;9,17,22/04	18653	9	43,50/03;16,20,25,33/04	18792	8	4,10/04	22111	4	33/04
18434	5	2*,13,17,35/04	18654	43	22*,33/04	18793	1	N30,N47/03;N8,N10, N23,N24,N26,N36/04	22112	3	37/03;5,10,25,33/04
18440	27	3*,8,21,22,28,30,35,39, 41/04	18655	58	33,38/04	18794	10	18*,19,22,23,24,26,36, 41/04	22114	5	33,37/03;5/04
18441	43	39*,45,47,51/03;6,8,17, 22,28,31,35,39,41/04	18656	53	33,40,43,48/03;11,26,29, 33,38/04	18795	17	18*,22,23,24,26,36,41/04	22117	3	37/03/5/04
18443	16	16*,31/04	18657	18	40/03;26,38/04	18796	17	29/03;23/04	22120	3	29,32/03;7,32/04
18444	15	34/03;1,31/04	18658	30	17*,26,38/04	18797	10	43/03	22121	9	29,32,47,51/03;18/04
18445	30	13*,21,22,28,30,35,39, 41/04	18659	14	43,48/03;29,38/04	18798	8	10/04*	22124	2	29,32/03
18446	16	47*,51/03;8,22,28,39, 41/04	18660	2	29*,43,49/03;21,26,29, 40/04	18799	10	14/04*	22125	1	32/04
18447	27	28/04*	18661	27	43,49/03;13,17,21,26,29, 40/04	18800	22	30,36,47,50/03;10,13/04	22126	2	29,32,38/03;2,7,32/04
18448	33	1*,8,13,17,21,22,28,30, 35,41/04	18662	20	43,44/03	18801	11	8/04*	22127	8	29/03;11,41/04
18449	18	50*,51/03;6,22/04	18663	5	43/03;17/04	18802	12	10,13,14/04	22128	17	10*,17,40,41/04
18450	18	18*,22/04	18666	1	33,48/03;38/04	18803	10	50/03;10,13,14/04	22129	7	10*,11/04
18452	16	34,38/03	18680	30	33,35,38,40/03;19,31,33, 36,37/04	18804	37	50/03;30/04	22130	2	40,47/03;7,32,41/04
18453	24	36,38,42/03;6,22,35, 41/04	18682	14	10*,37/04	18805	9	12/04	22131	4	29/03;11,25/04
18454	4	N28/04	18685	32	36*,46/03;17,19,22,33, 36/04	18806	12	10,13,14/04	22132	2	29,31,33,40,41/04
18455	2	N34,N38/03	18686	13	34/04	18807	36	50/03;10,13,14/04	22133	29	37/03
18456	19	21,30/04	18700	22	40/03*;13,21,34/04	18808	17	12,16,22/04	22134	1	1/04
18458	15	34,38/03;13/04	18703	25	40/03*;7,13/04	18809	8	8/04*	22135	2	4/04
18459	5	N34,N38/03;N13/04				18810	15	8*,12,16,22/04	22136	3	2/04
						18811	8	7,12,16,22,29/04	22137	9	4,13/04
						18812	17	4,14/04	22138	17	4,14/04**
						18813	17	10*,17,40,41/04	22139	2	47/03;7,32/04
						18814	17	29/03;23/04	22140	2	47/03;7,32/04
						18815	17	10*,11/04	22141	2	40,47/03;7,32,41/04
						18816	10	29/03;11,25/04	22142	4	29/03;11,25/04
						18817	10	29/03;11,25/04	22143	2	29,32,38/03;2,7,32/04
						18818	10	41/04	22144	2	29,32,38/03;2,7,32/04
						18819	2	29/03;11,25/04	22145	1	

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 29/03 THROUGH NM 41/04

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Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
22284	7	N5/04**	24141	4	37/04	25481	25	8,26/04	28006	1	27/04
22285	1	14/04*	24142	43	7,11/04	25483	20	8,33/04	28050	3	42,47/03
22286	1	5*,13/04	24149	1	52/03	25485	45	36/03;10,30/04	28154	2	38/03
22290	4	30/03	24150	27	41,47/03;6,7/04	25487	2	36/03;10,30/04	28165	20	20/04*
22293	15	37,38/03;21/04	24151	4	41/03;6,7/04	25524	43	32/03;23/04	28167	4	16,33/04
22294	15	16,21/04	24152	2	41,47/03;6/04	25525	17	23/04	28168	22	16,33/04
22305	2	30,34/03;27/04	24153	6	39,47/03;6/04	25526	2	32/03;23/04	28170	1	38/04
22311	19	13/04	24154	12	33/04	25527	31	32/03	28190	2	16,30/04
22312	2	30/03;9/04	24155	6	46,49/03	25566	27	30/03	28196	4	16,30/04
22313	2	38,40/03;13/04	24160	21	47/03;10,15,22,33/04	25575	4	35,39/03;14,15,18/04	28197	4	16,30/04
22314	1	40/03	24161	11	32,39,40,47/03;10,26,33, 36/04	25600	47	1/04	28221	18	16/04
22322	11	33/03**	24162	9	32,39,40,42,47,52/03;10, 26,36,37,40/04	25601	34	37/04	28260	30	16/04
22331	2	N1,N2,N27/04	24164	6	39,41,47/03	25607	4	48/03;31/04	28263	3	16/04
22335	4	52/03;27/04	24170	14	35/03;9,22/04	25608	22	33/04**	28300	1	16/04
22341	9	29,52/03;2,27/04	24171	19	37,52/03;16,22,26,33/04	25609	5	1/04	28302	16	7/04
22342	9	29/03	24172	4	22/04	25610	8	2/04	28310	2	7/04
22343	1	N41,N52/03;N2,N27/04	24174	20	40/03;36/04	25611	22	1/04	29002	9	29/03
22344	6	N52/03	24176	15	40/03;36/04	25613	3	20,*25/04	29012	8	7/04
22351	1	N35,N41,N52/03;N2, N27/04	24178	14	9,13,35/04	25640	41	22/04*	29015	5	7/04
22352	6	35,52/03;1,2,27/04	24200	5	49/03;9,35/04	25641	27	15/04*	29040	3	39,48/03;7,14/04
22360	2	52/03;2,27/04	24201	5	49/03;9,35/04	25645	17	15/04	29101	6	7,8,13/04
22361	2	N30,N32,N33,N34, N52/03;N2,N27/04	24202	6	31,35,46/03;21/04	25647	10	16/04	29105	5	49,50/03;8,11/04
22370	2	30,33,34/03;2/04	24203	36	49/03	25649	19	44/03*	29106	5	34/04
22371	5	30,32,33,52/03;2,4,27/04	24210	14	42/03;29/04	25650	34	25/04*	29107	2	29,36/03;21/04
22373	1	N30,N32,N33,N34/03; N3,N27/04	24211	7	36/04	25653	13	14,21,29/04	29121	5	8,12,13/04
22375	N3/03		24215	1	29/04	25654	13	14,21,29/04	29122	5	34/04
22377	1	N2,N4/04	24220	14	39/03;29/04	25655	12	41/04*	29124	1	21,34/04
22379	1	N30,N32/03	24221	16	29/04	25661	12	40/04*	29127	4	29,39,42/03;21,34/04
22395	2	30/03	24222	3	39/03	25663	27	30,39/03;29/04	29141	3	29,39/03
22401	4	N30/03	24223	33	39/03;33/04	25664	15	30,39/03;29/04	35001		N28*,N37/04
22407	1	N30/03	24224	1	15/04*	25666	17	11/04	35002		N19*,N37/04
22409	4	N36/04	24225	20	52/03;9/04	25668	19	34/04*	35003		N19*,N37/04
22410	32	40/03	24226	5	39,46,52/03	25670	42	2*,14,41/04	35004		N19*,N37/04
22412	2	2,4/04	24240	5	39/03;13,22/04	25671	18	21/04	35005		N23*,N30,N37/04
22415	8	2,4/04	24250	5	39/03;13,22/04	25673	15	43/03;36/04	35006		N24/04*
22417	1	N1/04	24251	23	39/03	25677	20	32*,39,52/03	35008	21	23/04
22420	2	30,40/03	24252	5	39/03	25679	10	11,15,31/04	35009	19	28/04**
22421	4	N4/04	24270	3	29/03	25681	16	34,39/03;15,32/04	35010		N28/04*
22427	1	N40/03;N9/04	24271	14	29/03	25683	9	52/03	35011	2	31/04
22430	6	22/04	24274	2	29/03	25685	12	30/03*	35013		N23/04*
22433	3	35/03;22/04	24292	4	22/04	25687	12	30/03*	35014		N23*,N41/04
22434	2	35/03	24293	6	37,42,46/03;33/04	25688	22	37,46/03	35016	17	31/04
22437	2	22/04	24355	2	37/03	25689	8	42,43/03;16/04	35025		N23/04*
22461	1	21/04	24370	1	48/03;1/04	26083	14	19/04	35036	21	43/03;12,13/04
22471	31	2,6,8,22,27/04	24375	2	38/03	26100	4	31/03	35037		N31/04*
22481	35	2/04	24376	1	38/03	26122	30	30/04	35038		N32/04*
22482	16	9/04	24380	2	48/03;1/04	26125	3	41/03	35039		N32/04*
22492	3	34/03	24381	14	28/04	26127	21	11/04	35040	18	24/04**
22521	3	34/03;33/04	24390	3	28/04	26129	11	41/03	35041	8	23/04**
22523	3	34/03;33/04	24404	9	34/04*	26130	20	11/04	35042	9	24/04**
22529	3	35/03	24430	5	31,52/03;24,34/04	26147	31	19/04	35043	5	28/04**
22531	2	35/03	24431	14	31,52/03	26186	17	14/04	35044	9	36/04**
23000	5	51/03	24433	3	52/03	26188	11	15/04	35045		N32/04*
23010	4	24/04	24434	4	52/03;34/04	26218	2	31/03	35046		N32*,N37/04
23030	6	37,42/03;14/04	24435	5	34/04	26219	5	31/03	35047	5	31/04**
23071	3	24,29/04	24444	2	23/04	26220	6	11/04	35048		N32*,N37/04
23121	7	19/04	24450	3	47/03;6,30/04	26224	32	35/04	35049		N33/04*
23123	3	19/04	24460	4	29,32,47/03;30/04	26229	11	31/03;9,32,35/04	35050		N33/04*
23124	3	N19/04	24461	4	38,47/03;30/04	26230	12	31/03;9,32,35/04	35051		N33*,N37/04
23125	4	19/04	24462	5	29/03	26244	3	40/04	35052		N33/04*
23131	7	30/04	24463	6	38/03;13/04	26250	18	40/04	35053		N33/04*
23141	7	37/03	24465	6	38/03	26259	2	40/04	35054		N33/04*
23142	10	37,47/03	24470	4	13,34/04	26282	6	34/03	35055		N33/04*
23145	3	37,51/03;14/04	24480	1	42,48/03;21/04	26295	1	34/03	35056	14	28/04**
23153	8	49/03	24481	7	34/04	26308	5	34/03	35057	16	23/04**
23159	2	25/04	24482	2	31/03	26309	27	11/04*	35060	14	28/04**
24004	36	41,42,46/03;33/04	24484	3	31/03	26310	1	N48/03*	35080	16	23/04**
24016	53	13/04	24491	3	32/04	26320	5	31,40/03;19/04	35081	15	28/04**
24028	6	28/04	24492	20	32/04	27005	4	34/03;19/04	35082	7	31/04**
24050	11	31,32,33,51,52/03;6, 14/04	24500	1	7/04*	27040	5	40/04	35083	8	32/04**
24052	16	39/04*	24504	7	42,48/03;21/04	27041	4	40/04	35084	15	32/04**
24055	6	42,50,51,52/03;6,26/04	24508	3	24/04	27042	21	41,42/03;10,40/04	35085	3	32/04**
24057	4	30,33,42,52/03;4,6,26/04	24509	2	34,42/03;12,21,30/04	27044	27	40/04	35086	5	32/04**
24058	2	29,30,42,44/03;7,9,33/04	24510	2	42/03;21,24,30/04	27061	5	28/04	35087	3	33/04**
24060	2	32/03	24511	2	42,48/03	27080	4	39,52/03	35088	2	28/04**
24091	6	46/03;22/04	24512	3	38,42/03;24/04	27081	6	19/04	35099	3	33/04**
24092	14	22/04	24513	18	38,42/03;24/04	27082	6	19/04	35100	14	23/04**
24100	5	46/03	24517	2	40,42/03	27083	39	4,24/04	35101	6	33/04**
24103	3	10/04	25001	7	52/03	27120	4	16,30/04	35103	5	33/04**
24110	3	35/03	25017	5	31,34,39,52/03;15/04	27122	5	19/04	35120	13	23/04**
24130	14	33/04	25018	9	31,34,39,52/03	27160	2	35/03	35136	2	24/04
24133	6	31/03;36,37/04	25400	2	20/04*	27206	18	9,25/04	35200	7	28/04**
24140	18	41,42,46/03;6,7,11,22/04	25480	1	52/03;8/04	28004	1	27/04	35205	3	31/04

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35210	3	31/04	37129	6	30,42,45/03;7,20,26,27, 31,32,38/04	37403	23	41/03;37/04	43063	2	16/04
35350	2	23/04	37133	4	28/04**	37420	1	41/03;9,37/04	43064	2	16/04
35363	1	12/04	37134	5	34/04**	37421	8	41/03	43079	2	21,30/04
35365	1	12,23/04	37136	6	34/04**	37423	5	41/03	43080	4	44/03;16,20,22,37,41/04
35380	8	12/04	37137	6	34/04**	37441	4	37/04	43081	4	16,37/04
35390	2	12/04	37138	5	34/04**	37443	2	38,45/03;7,37/04	43082	5	47/03;20,21,30,37,41/04
35400	11	18/04	37139	8	36/04**	37445	1	34,38/03;28/04	43083	4	16,20,22,23,37,41/04
35420	13	12,18/04	37140	33	30,32,42,43,44,45/03;12, 24,25,26,27,32,39/04	37446	2	34/03;28/04	43084	3	16,23,41/04
35424	3	18/04				37461	9	36,50/03;3,15,25,26,33, 35,37/04	43100	4	22,29,41/04
36005	2	31,43,44/03;13,23,26,27, 31/04	37141	29	31,45/03;23/04	37463	6	43/03;1,2,3,4/04	43101	3	29,41/04
36010	27	43/03	37145	23	37/04**	37481	7	30/03;17,20,21,25,36,39, 40,41/04	43103	4	29/04
36015	2	44/03;13,26/04	37147	15	36/04**				43104	4	29/04
36032		N39/04*	37148	13	51/03;12/04	37501	3	33/03;32/04	43106	6	44/03;7,10/04
36033		N39/04*	37149	10	37/04**	37505	2	33,41/03;15,41/04	43107	1	7/04
36034		N39/04*	37150	8	37/04**	37506	4	33,48/03;11,26,32/04	43120	4	5,7/04
36035		N39/04*	37161	14	37/04**	38032	6	34/04	43122	3	7/04
36036		N41/04*	37162	12	30,32,33,35,37,39,40,41, 43,45,46/03;7,29,39/04	38040	5	34/04	43123	3	7/04
36040	16	6/04	37163	19	32,43/03;11,12,22,25, 31/04	38041	1	34/04	43124	5	3,5,7,10/04
36060	17	2,17/04	37164	4	30,32,35,37,43,46/03;7, 22,24,39/04	38044		N34/04	43125	7	44/03;7,10/04
36120	9	17/04	37165	2	30,32,34,35,37,39,43,45, 50,52/03;1,5,7,8,11,15, 39/04	38100	4	33/04	43126	4	5,7,20,25,41/04
36125	7	30/03	37166	2	30,32,33,34,35,37,39,40, 41,43,45,46,51/03;7,11, 12,21,25,39/04	38105		N33/04	43127	5	1,3/04
36137	4	39/04**				38200	2	33/04	43140	4	35,38/03;1,5,25,30,41/04
36138	3	39/04**				38266	1	33/04	43141	5	5/04
36139	4	39/04**				38320	3	35/03	43142	4	1/04
36140	12	39/04**				38460	7	32/04	43144	4	43/03;20,21,22,25,30, 38/04
36141	7	41/04**				38461		N32,N33/04	43145	4	20,25,30,38/04
36143	4	30,43/03				38463	2	N32/04	43146	2	34,35,44/03
36161	10	21/04				38480	6	48/03;32/04	43147	3	35,38/03
36165	6	30,43/03;21/04	37170	11	38/04**	38482		N32,N33/04	43148	4	43/03
36180	23	44/03;13/04	37175	2	38/04**	38483		N32/04	43150	2	N34,N35,N38,N41/03; N20,N21,N22,N30/04
36181	18	13/04	37180	20	38/04**	38500	6	32/04	43160	6	34,35,36,38,41/03;20,21, 22,30/04
36182	6	13/04	37182	14	38/04**	38501	2	32/04			
37000	22	43/03	37200	15	30,35/03;15,23/04	38540	4	34/04			
37005	16	29,30,50,51/03;5,8/04	37205	2	30,40/03;15/04	38545		N34/04			
37010	23	29,30,43,50,51/03;5,8,12, 15,32,39/04	37221	13	29,30,32,50,51,52/03;5,8, 11,16,18,19/04	38546	2	32/04	43161	2	35,41/03
37025	26	31,33,34,36,38,41,43/03; 3,4,10,11,15,26/04	37222	13	30,46,52/03;16,32/04	38560	5	32/04	43162	3	41/03
37030		N28*,N37,N41/04	37223	14	30,32,34,35,39,43/03;7, 11,16,21,24,39/04	38561		N34/04	43163	3	41/03
37031		N34/04*	37224	11	30,37/03;16/04	38565		N32,N34/04	43164	3	34/03;20,21,22,30,38/04
37032	2	31,38,42,43,45/03;3,4,9, 15/04	37226	17	51/03;32/04	38580	8	34/04	43165	2	21,22,23,38/04
37033	2	33/03;15,17/04	37228	14	29,30/03	38581	3	34/04	43166	2	43/03;23/04
37034	2	33,41/03;10,15,P18, 22/04	37231	18	50,52/03;8,19,21/04	38584	2	34/04	43167	5	36,42,44/03;20,21/04
37035		N34/04*	37232	12	29,31/03	38585	4	34/04	43168	2	36,42/03
37036		N34*,N37,N41/04	37234	13	31/03	38588	7	30,34/04	43180	5	44/03;22,38/04
37037		N34/04*	37235	11	5/04	38589		N34/04	43181	3	43/03;41/04
37038		N34*,N37/04	37238	6	30,33,37,40,41,45/03;7, 25,30/04	38591		N34/04	43182	4	22,30,41/04
37039		N36*,N38/04	37241	17	30,32,33,35,37,39,43, 45/03;7,29/04	38607	2	1,14/04	43200	3	22/04
37043	17	43,46/03;12/04	37242	10	30,32,35,39,43/03;11/04	38610	1	1,13,38/04	43201	2	N21,N22/04
37046	18	43,46/03;12/04	37243	7	30,32,37/03;24/04	38641	4	3,13,04	43202	3	22/04
37050	9	12,26,31,32/04	37244	11	30,32,33,35,37,39,43,45, 46/03;7,20,24,25,29, 31/04	38650	1	3,12,13/04	43203	3	22/04
37051		N37/04*				38670	2	1,13/04	43204	4	36/03
37052		N36/04*				38682	3	13/04	43206	3	14/04
37054		N37/04*				38683	3	13/04	43240	4	12/04
37055		N37*,N38/04				38690	2	13/04	43244	4	12/04
37056		N37*,N38/04				41060	3	52/03	43245	4	12/04
37057		N38/04*				41100	2	N46,N52/03	43247	5	44/03
37058		N38/04*				42004	1	N13,N16/04	43248	3	44,46,47/03;14,25,28,
37059		N38/04*				42036	2	43/03			38/04
37060	3	43,46/03;12/04	37258	4	27,32,33/04	42038	2	43/03;16/04	43249	2	10/04
37062		N38/04*	37261	10	27,32,33,38/04	42040	3	16/04	43252	1	44,46/03;14,25,28,38/04
37063	21	43/03	37262	20	27,32,33/04	42046	3	16/04	43260	4	46,47/03;10/04
37075	3	43/03;12/04	37264	3	33,37/04	42052	2	16/04	43261	5	46/03;25,26,27,28/04
37080	3	12,23,26,27,31,32,33, 37/04	37265	3	32/03	42141	3	6,12/04	43262	5	46/03;24,25,26,27/04
37081	23	32,33/04	37281	15	29,33,37/04	42160	3	38/03;12/04	43263	7	37,44,46/03;1,21,23, 26/04
37082	9	24,33/04	37280	16	36,38,44/03;7,12,21,26, 27,31,32/04	42301	3	38,52/03;15/04	43264	2	46/03;24,25,26,27/04
37090	8	12,23,26,27,29,32,37/04	37325	8	38/04	42560	5	31,38,40/03	43265	2	37,46,47/03;23/04
37095	3	32,39/03;27,29,38/04	37326	2	36/03	42580	5	40/03	43266	1	47/03;10/04
37103	9	12,26/04	37328	2	26,33,37,39/04	42600	5	30,40/03	43268	5	37,40,47/03
37106	4	32/03;26/04	37330	2	27,31,32,33/04	42620	5	38/03	43281	6	37,44,46,47/03;1,21, 23/04
37110	11	31,32,39/03;12,26,32, 38/04	37342	3	45/03;12/04	42640	6	38,40/03			
37111	1	27/04	37343	10	12/04	42660	5	38/03			
37115	2	31,32,39/03;12,26,32/04	37344	11	38,45/03;13/04	42765	3	47,50/03;2/04	43283	6	37,40,43,47/03;1,20/04
37120	2	30,32,39,42,43,44,45/03; 12,20,24,25,26,27,31,32, 38,39/04	37360	15	31,36,38,39,43,44,45/03; 9,11,12,13/04	43000	4	16/04	43284	4	40,43/03;1,20,21/04
37121	11	12,26,27,32,33,39/04	37362	6	32,33,38,39/03;12,14/04	43030	24	30,32,46,48/03;1,3,6,8,9, 14,15,16,17,19,20,23,28, 29,30,37/04	43285	5	44,49,51/03
37122	12	31,44,45/03;12/04	37363	8	32/03	43040	6	38,47/03;2,16/04	43287	2	37/03;1/04
37123	9	27/04	37380	2	28,39,41,43/03;7,11,12, 13,19,21,23,39/04	43041	2	16/04	43300	5	49,51/03;10,23,38/04
37125	15	27,32,33,39/04	37400	10	31,34,36,41,43,46,47/03;	43058	3	16,37/04	43301	4	49/03;23,30/04
37126	8	38,39/04	37401	9	31,36,43,44,47/03;1/04	43060	4	16,37/04	43302	4	10,14,15,38/04
37127	11	27/04	37402	7	1,30/04	43062	2	16/04	43303	4	43/03;14,21,38/04

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 29/03 THROUGH NM 41/04

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

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
43342	7	49/03;38/04	44120	7	33,39,40,41,45,48,49/03;1,3,9,14,17,20,23,27,37,40/04	44361	6	35,52/03;4,6,15,17,20,40/04	51641	4	32,34,40/03
43344	3	39/03	44140	8	31,40,44,47,50/03;9,20,22,25,37,40/04	44365	1	43,52/03;4,11,13,15,40/04	52031	1	48,49/03;7,10,13,20,25,27,30,40,41/04
43356	2	14/04	44160	7	31,41,47,48,49/03;2,5,9,11,13,19,22,23,25,29,37,40/04	44366	1	44,52/03;30/04	52039	4	45/03;36/04
43360	21	30,32,43,52/03;5,7,11,14,16,17,20,26,28,30,37/04	44161	2	35,39,41,48,49,50/03;3,8,9,16,20,21,22,27,28,37,38,40/04	44367	2	39/03;13,20,23,26,31,36,41/04	52040	17	34/03;13,20,27,28,30/04
43362	5	44/03	44164	1	47/03;2,6,12,13,15,23,25,28/04	44400	4	34,41,49,50,51/03;7,12,16,18,19,24,25,31,36,38,40/04	52043	21	48,50,52/03;1,2,6,36/04
43363	5	17/04	44165	1	34,39,45,48/03;2,9,11,12,15,18,24,33,40/04	44401	7	41,49/03;6,12,21,24/04	52046	21	12,13,19/04
43366	4	44/03	44178	2	2,16,18/04	44410	4	41,45,49,50/03;2,3,9,16,18,22,28,29,31,36,37,38,37/04	52047	11	34/03;20,28/04
43368	5	43,48/03;14,17/04	44179	2	35,39,51,52/03;3,8,14,18,25,26/04	44420	6	40,44,49/03;5,8,9,11,22,23,24,25,26,27,29,36,37,40/04	52048	3	30/04
43369	6	43,48,50/03;14,17,24,26/04	44180	6	43,48,50/03;2,3,6,8,11,12,14,22,25,28,33,37/04	44444	6	30,34,35,36,38,41,52/03;7,13,20,21,26,40/04	52051	1	16,27/04
43370	7	47/03;12,14,23,24/04	44181	5	48,52/03;2,8,9,11,12,14,22,25,30,40/04	44461	10	31,36,47,50/03;22,30/04	52052	1	16/04
43371	13	38,43/03;10,12,14,23,24/04	44182	4	42,43,46,48,49/03;1,2,6,8,12,15,18,23,26,27,38/04	44462	4	39/03	52054	1	39/04
43372	4	10,12,14,41/04	44183	6	35,39,43,46,49/03;2,13,14,15,28,40/04	44463	9	22/04	52055	1	39/04
43373	8	40,42,49,50,52/03;8,9,14,23,24,25,26/04	44184	9	32,48,52/03;8,11,21,24,27,40/04	44465	2	47/03;22/04	52060	16	29,34/03;6,27,31,34,35,39,40/04
43374	1	43/03;10,14,17/04	44185	7	32,48,50/03;9,11,14,18,40/04	44480	2	31,50/03;17/04	52061	2	29,34/03;6,30,41/04
43375	7	42,44,50,51/03;5,11,20,21,22,23,37/04	44186	2	29,49/03;1,3,11,12,16,21,23,24,40/04	51002	7	4/04	52062	7	29,34/03;1,6,7,31/04
43376	5	14/04	44187	2	39,44,48,50,52/03;2,6,22,33,40/04	51007	22	33,40/03;9,10,14,34/04	52066	3	39/04
43377	2	47/03;14/04	44188	9	32,48,52/03;8,11,21,24,27,40/04	51013	4	33,36,45/03;14,19,30,34/04	52080	14	48,49/03;5,7,20,21,25,30,38,41/04
43378	2	38/03;14/04	44189	1	39,43,44,48/03;1,2,5,8,9,11,14,15,18,24,30,33,40,41/04	51017	31	40,44/03;21,29,30,40/04	52082	3	21,29,30,38/04
43379	1	24/04	44190	1	43,48,50/03;2,3,6,8,11,12,14,22,25,28,33,37,38/04	51022	11	44/03;21,29,30,40/04	52083	2	46,48/03;39/04
43382	2	48/03;14/04	44191	1	32,44/03;2,5,9,11,21,22,23,29,30/04	51027	8	45/03	52084	2	41/04
43384	1	42,46,49,51/03;8,11,12,19,21,22,23,29,33/04	44192	2	39,44,48,50,52/03;2,6,22,33,40/04	51032	10	45/03	52085	3	46/03;34/04
43385	1	42,46,49,51/03;8,11,12,19,21,22,23,29,33/04	44193	1	43,48,50/03;5,6,9,12,14,15,25,27,32/04	51037	10	17,23,26,34,37,39/04	52086	2	36/03;5,7,41/04
43386	2	47/03;24/04	44194	9	37,43,47,50/03;12,20,21,25,33/04	51042	5	12/04	52087	1	6/04
44000	16	44/03;19/04	44195	7	32,48,50/03;9,11,14,18,40/04	51047	7	31,44,45/03;10,P18,19,22,23,30,40/04	52088	3	10*/20,21/04
44001	2	50/03;8,9,11,18,19,36,38/04	44196	2	29,49/03;1,3,11,12,16,21,23,24,40/04	51052	10	45/03	52092	1	48/03;39/04
44015	8	40,44,47,50/03;1,8,9,11,18,19,20,22,23,26,27,36,37,40/04	44197	2	39,44,48,50,52/03;2,6,22,33,40/04	51057	14	4,34/04	52120	12	6,19,26,32,33/04
44030	7	48,50/03;13,20/04	44198	1	40,46/03;6,11,22,30/04	51062	28	34/04	52122	14	13,14,22/04
44036	5	30,32,52/03;5,16,28,30/04	44199	1	39,43,44,48/03;1,2,5,8,9,11,14,15,24,28,30,33,40,41/04	51067	10	45/03;6,19,20,29/04	52124	1	6/04
44037	5	52/03;27/04	44200	9	37,43,47,50/03;12,20,21,25,33/04	51072	11	44/03;21,29,30,40/04	52125	1	14,22,33,39/04
44038	5	46/03;18/04	44201	1	32,48,50/03;9,11,14,18,40/04	51077	7	33,43,41,45/03;10,P18,19,22,23,30,40/04	52140	6	29,46,49,52/03;5,7,12,25/04
44040	23	30,32,44,52/03;1,5,6,16,19,28,29,30,41/04	44202	1	32,48,50/03;12,20,21,25,33/04	51082	5	12/04	52141	5	41,44,46,49/03;25,39/04
44041	7	52/03;3,8,9,13,20,26,27,28,41/04	44203	1	52/03;2,8,12,15,22,29/04	51087	7	45/03;19,29/04	52142	3	14*/20/04
44042	7	29,32/03;9,12,13,15,20,22,25,26,27,28,37,41/04	44204	1	50/03;9,20/04	51100	7	33,43,41,45/03;10,P18,19,22,23,30,40/04	52143	8	7/04
44043	8	52/03;9,16,26,27,28,41/04	44205	2	29,31,39,43/03;11,20,22,23,27/04	51112	2	33,40,45/03;29/04	52144	5	47/03;7,29/04
44044	6	44/03;9,16,24,25,27/04	44206	1	40,46/03;6,11,22,30/04	51117	10	17,23,26,34,37,39/04	52145	7	50,52/03;14,37/04
44045	6	44/03;5,16,41/04	44207	1	40,41,45,46,50/03;9,21,22,33,40/04	51122	5	12/04	52161	14	52/03
44046	10	1,6,19,27,29/04	44208	5	40,45,46,48/03;3,11,20,23,24/04	51127	2	4,34/04	52164	2	14/04
44047	22	30,31,32,40,48/03;16,29,30/04	44209	9	34,44,47,50/03;11,32,38/04	51132	1	17,23,34,37,39/04	52170	3	42,52/03;10,33/04
44048	11	31,40,48/03;9,13,16,21/04	44210	1	48/03;11,12,15,23/04	51137	5	12/04	52172	2	52/03;33/04
44049	9	30,31,40,48,50/03;1,2,9,12,18,26,29,30,33/04	44211	1	52/03;3,11,37/04	51142	2	33,40,45/03;29/04	52180	14	50/03;6,33,34,36/04
44050	21	31,32/03;12,28,30/04	44212	1	48/03;11,12,15,23/04	51147	3	46/03;9/04	52183	9	52/03;34/04
44051	1	1,2,9,25,26,33/04	44213	1	48/03;11,12,15,23/04	51152	2	33/04	52184	3	34,38/04
44057	5	29,30/03	44214	1	48/03;11,12,15,23/04	51157	3	39/03	52186	3	33/04
44061	21	32/03;1,6,17/04	44215	1	48/03;11,12,15,23/04	51162	1	12,29/04	52200	8	34/04
44062	8	40/03;1,17/04	44216	1	48/03;11,12,15,23/04	51167	6	5,12/04	52202	7	34/04
44063	8	1/04	44217	1	48/03;11,12,15,23/04	51172	6	41/04	52220	7	34/04
44064	19	1,6,15,27/04	44218	2	45,49,50/03;11,12,19,37,38/04	51177	3	39/03	52221	7	34/04
44065	7	6,19/04	44219	2	45,49,50/03;11,12,19,37,38/04	51182	20	45/03;12,14,28,34,38/04	52240	9	20,33,34,40/04
44066	10	31/03;6/04	44220	5	40,44,47,48/03;11,21/04	51187	10	28/04	52243	11	20,34,40/04
44067	22	6,9,14,15,21,29/04	44221	1	40,47/03;11/04	51192	8	43,45,46/03	52262	6	4,40/04
44068	11	40,51/03;9,27,32/04	44222	1	40,47/03;11/04	51197	3	39/03	52263	5	4,35,40/04
44069	16	40/03;9,14,15,21,29,30,32/04	44223	5	37,35,39,40/03;11,19,20,22,23,26,32/04	51202	23	30/04	52282	10	35/04
44070	7	21/04	44224	2	42,44/03;14,31,32/04	51207	8	43,45,46/03	53011	2	7,10,35,36/04
44071	4	29/03;21/04	44225	1	40,44,47/03;11,21/04	51212	23	40,46/03;12,30,32/04	53031	1	31,49/03;6,7,39/04
44072	4	40/03	44226	1	40,47/03;11/04	51217	23	40,46/03;12,30,32/04	53058	2	37/03
44075	4	40/03	44227	6	44,45/03;19,20,21,22,23,26,32/04	51222	7	40/03;11/04	53060	14	31,36,39,44/03;6,11,22,26,33/04
44076	3	30,32/03;14,26/04	44228	2	43,45,49,50/03;13,37/04	51227	2	24/04	53061	10	38,44/03;15,17,21/04
44077	9	46,48/03;9,14,15,16,23,27,32/04	44229	4	42,44/03;14,31,32/04	51232	5	45/03	53062	13	15,17,19,21,22,26,33/04
44078	9	46,48/03;9,14,15,16,23,27,32/04	44230	5	42,44/03;14,31,32/04	51237	3	21/04	53063	9	33*/37/03;21/04
44079	4	40/03	44231	6	44,45/03;19,20,21,22,23,26,32/04	51242	2	43,46/03	53064	6	39/03;11/04
44080	3	30,32/03;14,26/04	44232	6	26,31,38,40,41/04	51247	4	42,43/04	53065	2	39/03;11/04
44081	9	46,48/03;9,14,15,16,23,27,32/04	44233	11	33,37,49,50,52/03;2,6,7,11,12,18,19,21,23,26,38,40/04	51252	5	42/03	53066	2	39/03;11/04
44082	11	33/03;17,21/04	44234	7	52/03;18,19,20,26,28,29,31,37,40,41/04	51257	3	24/04	53081	9	40/04*
44083	8	33/04	44235	2	49/03;18,22,27,31/04	51262	5	40/03	53082	14	37/04*
44084	1	30/04	44236	9	30,31,32,37,39,44,52/03;2,6,7,11,12,18,19,21,23,26,38,39/04	51267	13</td				

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 29/03 THROUGH NM 41/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

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

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
53164	9	35/04	55042	1	35,37/03;9,19,32/04	57160	10	28/04	62408	7	8/04
53166	1	6/04	55043	2	37,52/03	57161	4	23/04	62411	1	10,13,17/04
53180	10	29/03;11,35/04	55044	5	42,52/03;1,2,25/04	57165	1	28/04	62412	12	52/03
53200	6	30/03;4,11,12/04	55045	2	39,52/03;3,9/04	57170	1	52/03;20,28/04	62413	12	50,52/03;10/04
53201	6	38/03	55046	4	35,36,41,46,50/03;6,8,9, 17,18,19,23,25/04	57200	6	52/03;37/04	62417	1	10,13/04
53204	10	1/04	55047	8	41,49,51/03;6,7,15,18,23, 25/04	57201	5	52/03;26/04	62420	5	52/03;10/04
53205	3	28/04	55048	12	1,8,13,15,23,25/04	57240	8	28/04	62432	17	50/03*/11/04
53206	6	34/04	55060	7	17,21,36/04	57241	12	31/03	62433	13	40/04*
53220	6	4,10,12,36/04	55062	5	33/03;21/04	57245	1	41/03	62434	9	43,50/03;1,4,5,11,12,15, 23,31,40/04
53226	8	1/04*	55063	1	44/03	57260	3	28,37/04	62437	10	30*,32,35,37/03;5,15, 40/04
53283	4	40/03;6/04	55064	3	8,25,39/04	57381	12	4,27,37/04	62440	8	41/03;8/04
53287	6	36/04	55082	9	32,44,46,50/03;20/04	57420	3	23/04	62446	3	43/03
53301	4	21/04	55084	7	39/03;11,28/04	57460	4	29/03	62449	4	8/04
53306	2	31,43/03	55085	9	31,33,36,39,46,50/03;9, 17,20,30/04	57486	6	22/04	62451	7	5,9/04
53311	3	37/03	55092	3	32,36,43,46,50,52/03;2,6, 13,17,40/04	57488	6	22,27/04	62453	4	50,52/03;10/04
54040	3	11/04	55100	8	29,33,34,39,43,44/03;6, 21,36,39,40/04	61000	20	31/03;20,27/04	62455	7	40/04
54060	5	6,12/04	55101	4	32,34,38,39,42,43,46, 50/03;2,4,6,9,11,13,17, 28,40/04	61040	6	31/03;20/04	62459	2	41/03
54082	12	10/04	55102	3	32,36,43,46,50,52/03;2,6, 13,17,40/04	61050	4	31/03;27/04	62460	4	9,36/04
54083	4	10/04	55104	2	31,33,36,45,46,52/03;2,6, 13,28,40/04	61051	7	27/04	62480	2	32,41/03;8,9,36/04
54085	2	42/03	55105	7	29,33,36,42,43,48,52/03; 3,9,37,40/04	61060	5	39/03	62490	2	32,50/03;9,12,15,18,23, 31,35,36,40/04
54090	3	6,12,27/04	55106	2	31,35,36,38,42,43,45,46, 50,52/03;2,6,13,15,28,30, 40/04	61070	4	39/03	62498	4	31/03;13/04
54095	3	30,42/03	55107	3	32,36,43,46,50,52/03;2,6, 13,17,40/04	61071	9	39/03	62499	4	31/03
54105	3	50/03;10,36/04	55108	2	31,35,36,38,42,43,45,46, 50,52/03;2,6,13,15,28,30, 40/04	61091	5	35/03	62510	3	8,9,36/04
54115	3	30/03;10,36/04	55109	2	31,33,36,45,46,52/03;2,6, 13,28,40/04	61100	4	37/04	62512	3	N8,N9,N36/04
54120	5	10,36/04	55110	2	31,33,36,45,46,52/03;2,6, 13,28,40/04	61111	12	34/03	62515	2	26/04
54125	3	30,47/03	55111	7	29,33,36,42,43,48,52/03; 3,9,37,40/04	61112	10	35/03	62520	6	32,41/03;8,9,36/04
54131	2	50/03;12,35,36/04	55112	2	32,36,33,42,43,48,52/03; 3,9,37,40/04	61130	3	9/04	62521	4	N32,N41/03;N8,N9, N36/04
54140	7	30,47,51/03	55113	2	32,36,33,42,43,48,52/03; 3,9,37,40/04	61140	5	9/04	62530	6	32,52/03;9,17,35/04
54151	1	42/03;24,41/04	55114	2	29,43,44,51/03;3,14,15, 21,25,28,31,39/04	61141	6	35/03;9,14,37/04	62531	4	N32,N52/03;N9,N17/04
54161	12	27/04	55115	2	33,34,42/03;2,17,21,28, 36,40/04	61142	6	35,39/03;9,14,37/04	62540	6	30,35,43,50/03;9,12,15, 18,23,26,31,35,40/04
54165	2	38/03	55116	2	33,34,42/03;2,17,21,28, 36,40/04	61180	4	38/03	62541	3	N30,N35,N43,N50/03; N9,N12,N15,N18,N23, N26,N31,N35,N40/04
54168	1	38/03	55117	7	34,35,42,45,46/03;6,9,11, 20,28,30/04	61190	4	9/04	62550	3	32,52/03;5,9,10,17,36/04
54169	3	38/03;14/04	55118	2	32,36,35,41/03;40/04	61204	5	22/04	62560	4	5,8,9,17,27/04
54180	6	30,42,47,51/03	55119	2	32,34,43,50/03;2,6,9,11, 13,20,30,40/04	61211	7	38/04	62570	4	30,35,37,43,50/03;1,5,9, 11,12,15,18,23,26,31,35, 40/04
54181	7	48/03*	55120	2	32,34,42/03;2,17,21,28, 36,40/04	61212	2	38/04	62572	1	50/03*/11/04
54195	2	51/03	55121	7	34,35,42,45,46/03;6,9,11, 20,28,30/04	61541	8	41/03	62580	3	35/03;9,26/04
54226	2	47/03	55122	7	34,35,42,45,46/03;6,9,11, 20,28,30/04	61542	6	41,46/03	62584	2	7/04
54227	2	47/03;12/04	55123	2	32,33,34,39,42,46,50/03; 2,6,9,11,17,28,40/04	61610	7	34/03	62590	2	30,37,43,50/03;1,11,12, 15,18,23,26,31,35,40/04
54266	2	27/04	55124	1	38,39/03;6,9,15,17/04	61611	11	34/03	62591	3	N30,N37,N43,N50/03; N1,N11,N12,N15,N18, N23,N26,N31,N35, N40/04
54284	1	34/03	55125	3	34,36,38,46/03;6/04	62001	5	50/03;9/04	63000	13	40/03;23,40/04
54337	3	21,31/04	55126	4	34,36,38,46/03;6/04	62024	13	29/03;39/04	63010	14	44/03
54339	8	31,32/04	55127	2	32,36,35,41/03;40/04	62028	15	13,39/04	63040	2	52/03
54343	10	6,31,32,33,34/04	55128	4	32,34,43,50/03;2,6,9,11, 13,20,30,40/04	62032	16	41/03;8,36/04	63050	2	45/03;40/04
54344	6	34/04	55129	5	16,15/04	62033	3	N41/03;N8,N36/04	63053	4	39,45/03;34,39,40/04
54346	9	20*,31,32,33,34,35,36/04	55130	2	29,33,34,35,36,42,45,46, 47,52/03;2,9,11,17,20,28, 40/04	62070	4	26/04	63054	3	34,39/04
54350	4	37/03	55131	1	38,39/03;6,9,15,17/04	62090	7	11/04	63055	2	39/03;39/04
54352	3	33,37/03;6/04	55132	3	34,36,38,46/03;6/04	62092	7	27/04	63060	7	45/03;40/04
54359	2	38/03;21/04	55133	4	52/03;6,9,15/04	62095	3	32/03	63062	7	37,44,50/03
54360	12	34,50/03;6/04	55134	5	1,41,42/03;23/04	62097	7	33/03*	63064	2	52/03
54361	10	38/03;21/04	55135	2	46/03;6,9,13,15,24/04	62100	6	11/04	63070	3	23/04
54363	3	50/03;2,6/04	55136	2	29,33,36,39,42,45,46,47, 52/03;2,9,11,20,40/04	62100	9	9/04	63090	8	30,40/03
54368	4	50/03	55137	2	39,40,51,52/03;2,3,6,9, 15,30,40/04	62100	6	26/04	63091	4	5/04
54369	4	34,50/03;2/04	55138	2	39,40,51,52/03;2,3,6,9, 15,30,40/04	62102	3	32/03	63100	2	30/03
54380	6	34/03;17,24/04	55139	5	16,15/04	62104	8	24,39/04	63101	15	30,40/03;16/04
54382	9	40/03;15,28,38,41/04	55140	2	32,33,36,39,42,45,46,47, 50,52/03;4,11,14,17,20, 30,40/04	62104	10	32/03	63102	19	30,40/03;16/04
54387	7	30,39,42/03;38/04	55141	4	33/03*	62104	12	32/03	63103	17	16/04
54389	8	24/04	55142	6	5,40/04	62104	14	32/03	63111	9	16/04
54400	8	30,36,37/03;13,14,19,24, 25,30,41/04	55143	23	5,40/04	62104	16	32/03	63200	5	30/03;10/04
54403	4	30,36,37/03;19,30/04	55144	1	29,41/04	62104	18	32/03	63201	9	30/03
54407	4	30,37,49/03;13,14,24,25,	55145	9	38/03;18,28,40/04	62104	20	32/03	63205	2	30/03;10/04
54408	30	30,41/04	55146	6	5,41/04	62104	22	32/03	63210	3	30/03
54409	2	13,34/04	55147	3	29,41,42/03;3,37,41/04	62104	24	32/03	63250	6	5,16/04
54413	3	37/03	55148	19	5,39/04	62104	26	32/03	63252	1	33/03
54416	5	33,37/03	55149	16	29/03;39/04	62104	28	32/03	63260	5	5/04
54417	1	30/03*	55150	2	38/03/4	62104	30	32/03	63271	8	9/04
54418	4	30,37,49/03;24,25,30, 41/04	55151	14	33/03*	62104	32	32/03	63310	5	9/04
54421	6	36,41,43,46,49/03;20,32, 33,39/04	55152	23	5,40/04	62104	34	32/03	63320	8	37,49/03;9,16/04
54422	4	46/03	55153	6	33/03;5,40/04	62104	36	32/03	63321	6	37,49/03;16/04
54430	1	36,43/03;2,14,20,33/04	55154	3	5,39/04	62104	38	32/03	63322	2	49/03
54440	4	38/03;13,14,34,37/04	55155	1	38/03*	62104	40	32/03	63324	1	9/04
54441	6	22,30/04	55156	12	27/04	62104	42	32/03	63331	9	30/04
54462	5	51/03;4,40/04	55157	10	43/03	62104	44	32/03	63331	9	30/04
54463	5	1,27,37/04	55158	5	28/04	62104	46	32/03	63332	7	10/04
54464	5	15/04	55159	11	37/04	62104	48	32/03	63333	9	30/04
54468	8	7,13,22,29,30,35/04	55160	10	4,23/04	62104	50	32/03;9/04	63334	1	9/04
54481											

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 29/03 THROUGH NM 41/04

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

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
71033	31	36/04	74002	2	31/03	74550	4	32/03	82200	2	41/03;12/04
71036	8	25/04	74003	5	31,34/03	74555	3	12/04	82201	2	12/04
71040	5	47/03	74004	2	30/03;12/04	74560	10	31,32/03;15/04	82215	2	41/03
71045	2	36/04	74005	2	30,38/03;15/04	74581	9	31,39,48/03	82244	5	39/03
71050	2	36/04	74007	1	46/03	74582	9	31,39,48/03	82253	7	39/03;15/04
71066	2	31/04*	74008	6	15,21/04	74583	15	38,48/03;12/04	82280	6	N39/03;N22/04
71081	4	32/04*	74009	10	36,44/03;21/04	74584	5	36,38,39,48/03	82304	5	36/04
71091	4	36/04	74012	10	36,37/03;8,22/04	74591	7	38/03;12/04	82571	6	14/04
71140	6	36/04	74015	10	31,36/03;8,13,22/04	74595	2	42/03	83025	1	45/03
71210	18	36/04	74016	3	42,48/03	75000	6	31/03	83034	1	23/04
71211	4	36/04	74017	4	31,38/03;13/04	75001	3	31,32/03	83039	11	23/04
71220	3	35/04	74020	4	31,38/03;13/04	75025	9	36,38,39/03;8/04	83425	6	3/04
71230	11	39/04	74021	7	31,35/03;13/04	75035	18	8/04	83473	7	37/03
71241	10	15,25,39/04	74024	7	36,49/03	75051	6	5,11,36/04	83484	10	42/03;24/04
71244	3	11/04	74027	9	39/03	75052	2	10,11,36/04	83500	1	23/04
71247	18	11,12,15/04	74030	6	42/03	75130	16	37/03;22,37,40/04	83570	2	34/04
71248	2	N10,N14,N34/04	74051	2	42/03	75131	7	39/03	83572	1	34/04
71249	2	14/04	74151	9	29,40,41/03;19,37/04	75132	11	29,32,35/03;9,21/04	83574	2	35/04
71251	11	50/03;10,12,14,34/04	74152	11	30,34/03;1,13,19/04	75134	3	29,37,45/03;9,22,37/04	83580	2	45/03;23,34/04
71253	10	12,14/04	74153	2	41/03;1,19,37/04	75142	5	35/03;9/04	83590	1	45/03
71255	6	10,11,12/04	74171	4	40/03	75143	4	10/04	83637	4	37,38/04
71257	2	10,11,12,14,15,25,26/04	74172	5	40/03	75144	3	30,38/03;10/04	91005	6	42/03;36/04
71258	2	10,12,14,15,25/04	74181	8	34/03	75160	6	32/03	91020	5	46/03;37/04
71259	3	44/03;10,11,14,15,24,34, 38/04	74182	12	34,38,39,40,41,42,49/03; 11,17/04	75170	12	38/03	91025	8	46/03
71262	7	33/03	74183	11	38/03	75171	22	35,38,40,44/03;10,21/04	91030	3	42/03
71265	3	10,11,14,15,25,34,36, 38/04	74184	10	34/03;8,11/04	75172	5	49/03	91175	2	6/04
71273	2	51/03;25/04	74186	7	30,36/03	75173	9	35,38,40/03	91220	3	30/04
71275	3	33/03	74190	7	31,34,39/03	75176	9	32,40,44/03;21/04	91280	7	43,46/03;37/04
71281	7	34/03	74191	2	29/03;5/04	75177	7	38/03	91289	19	43/03
71305	2	31/04	74192	3	40/03	75180	2	38/03	91300	3	46/03
71320	1	33,38/03	74200	8	32,40/03	75185	2	36/03	91331	3	42/03
71330	13	33,38/03	74201	9	32/03;11/04	75190	2	36/03;22/04	91340	3	42/03
71331	11	33,38/03	74204	5	32,40,46/03;11/04	75191	6	30,34,36,38/03	92006	5	10,36/04
71333	2	33/03	74205	2	32,35/03;1/04	75193	6	35/03	92020	2	36/04
71335	2	38/03	74206	3	32*,36/04	75207	2	33,37,43,49/03	92025	3	42/03
71340	11	33/03	74210	7	37,46/03	75208	2	30,33/03;22/04	92030	4	42/03;30,36/04
71402	1	33/03	74220	8	30,37,46,50/03;11,15,	75213	2	33,38/03	92033	5	36/04
71440	2	11,14/04	74221	2	30,38/03	75215	2	33,38/03	92150	3	43/03
71460	1	36/04	74229	2	50/03;21,24/04	75222	8	1,37/04	92160	3	43/03
72000	8	25/04	74230	7	36,46,50/03;12,15,25/04	75240	4	39/03;8/04	92170	3	43/03
72007	10	50/03;9/04	74231	7	36,50/03;10,24,25/04	75241	6	35/03	92350	4	30,36/04
72014	10	9/04	74232	9	8/04	75251	5	37,40/03;13,19/04	92356	2	30,36/04
72021	8	50/03;9/04	74240	8	41,46/03;13,25/04	75261	6	31,38/03;1,13,19/04	92410	3	42/03
72035	8	9/04	74251	8	15/04	75262	6	1/04	92450	3	42/03
72045	2	9/04	74252	9	10/04	75263	9	31/03;1/04	92500	1	36/04
72070	4	25/04	74253	6	30/03;10,13,15/04	75264	17	32/03;1/04	93006	2	43,44,48/03
72085	3	50/03;9/04	74261	9	30,39/03;21/04	75265	2	31,32,38,40/03	93010	6	32,34/04
72094	2	25/04	74265	2	30/03;10,13,15,35/04	76015	1	45,52/03;3/04	93025	5	45/03
72103	2	25/04	74270	3	38/03;10,15,21,35,38/04	76030	9	52/03;3/04	93048	1	33/03
72105	2	50/03;9/04	74271	9	29,30,38/03;10,21,35,	76040	8	47/03	93110	2	34/04
72107	2	32/04			38/04	76050	8	52/03	93160	4	47/03;34/04
72110	9	9/04	74272	7	29,30/03;9,15,21,35,	76056	3	37/03	93180	7	47/03
72120	3	9/04			38/04	76060	7	52/03	93220	6	47/03
72173	2	9/04	74273	5	10,15,35/04	76061	3	52/03	93241	9	32/04
72181	2	50/03	74281	7	30,52/03;17/04	76070	9	45,47,51/03;3,37/04	93245	6	32,40/04
72203	2	9/04	74283	2	52/03	76080	8	47/03	93247	4	32,39/04
72204	1	26/04	74285	2	38,50/03	76081	7	37/03;37/04	93248	1	39/04*
72231	8	35/04	74286	2	29,35/03	76083	3	37/03	93260	8	47/03;32/04
73000	9	10,35,36/04	74287	2	47/03	76120	6	45/03	93261	5	47/03;32/04
73002	4	10/04	74289	5	10/04	76121	8	47/03	93620	4	26/04
73004	4	8,10,26,27/04	74290	11	30,38,50/03;15,18/04	76141	8	37,45,52/03	93626	9	26/04
73006	2	10/04	74292	8	52/03;1/04	76142	1	37,45/03	93650	2	49/03;2/04
73008	8	36/04	74293	7	18/04	76146	1	45/03	93652	2	49/03;2/04
73010	3	10/04	74295	3	29,35/03;1/04	76161	10	47/03;29/04	93680	3	18/04
73012	6	36/04	74296	4	52/03;15,37/04	76170	7	52/03	93688	3	N18/04
73014	10	10,35,36/04	74320	3	41,43/03	76180	1	3/04	93690	2	45/03
73016	4	10/04	74350	4	44/03;21/04	81001	1	36/04	93698	3	6/04
73018	3	10/04	74376	5	44/03	81004	3	37*,43/03;9,10,17,21/04	93710	3	43,52/03
73020	9	10,21/04	74392	7	49/03	81025	3	N38/04*	93720	10	42,43,44,48,49/03
73022	4	10,35/04	74393	9	39/03;13,36,38/04	81048	9	52/03*;8,9,17,21/04	93721	5	40,41,43,44,45,46,48,49,
73130	8	31/04	74394	2	39/03;13,36,38/04	81054	14	52/03*;7/04	50,52/03;1,4,7,8,11,14, 16,22/04		
73141	5	10/04	74420	3	30/03	81060	2	43/03;8,9,11,17,21/04	93725	6	49/03
73191	3	10/04	74440	3	22/04	81063	5	47/03	93726	4	45,50/03
73470	4	35/04	74450	3	37/03	81067	6	46/03*;12,24/04	93730	3	31,41,42,43,46,47,48,
73552	4	38/03;18/04	74455	3	38,49/03	81071	6	24/04	49/03;13,14,16,17,23/04		
73580	4	43/03	74460	4	37/03	81076	10	41*,44/03;12/04	93733	13	40,41,44,45,47,48,52/03;
73581	4	43/03;40/04	74465	2	36,38/03	81092	3	32/03	1,4,8,14,16,23,25/04		
73590	6	36,43/03	74475	2	42,48/03	81711	6	31/03;1/04	93734	12	51/03*;4,23/04
73601	3	43/03;12/04	74493	3	37/04	81715	4	31/03;1/04	93736	24	11*,16,22,31/04
73620	2	12/04	74510	2	35,38/03;13,40/04	82010	6	39/03;22/04	94004	6	42/03;6,15,24/04
73631	4	40/03	74515	4	31,35/03;40/04	82015	13	39/03;22/04	94016	2	33,47/03;26,30,34/04
73640	5	40/03;10/04	74517	3	31/03;40/04	82020	7	39/03;22/04	94028	7	31,33,40,51,52/03;1,4,16,
73650	5	40/03	74530	2	36,49/03	82095	2	12/04			17,19,20,21,28,30,38,
73653	1	40/03	74535	2	36,38,49/03	82105	2	12/04			39/04
74000	6	41/03;37/04	74545	3	32/03	82192	6	43/03			

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 29/03 THROUGH NM 41/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

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Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
94033	5	29,42,44/03;2,12,16,19, 23,38,40/04	95176	2	30,35/03	97040	5	23,24/04	97262	10	33,46/03;2,13,14,22,31, 36/04
94040	13	31,43,51/03;13,18/04	95180	11	34,35,37/04	97041	9	39/04	97263	10	46/03;2,14,31,36/04
94042	9	43,45/03;4,8,13,16/04	95185	2	35/03;37/04	97042	7	27/04	97266	5	42/03;1,2,7,23,27,31, 32/04
94060	10	31,42/03;11,13,18/04	95230	3	29/04	97060	8	27/04	97267	16	42/03;7,9,13,32/04
94061	5	41,42,52/03;11,13,18/04	95243	4	15/04	97061	4	21/04*	97268	10	24/04
94080	7	32,51/03;15,17,23,24/04	95250	4	36/03;19,26,31,36,38/04	97062	12	34,35/03;10,27,32/04	97269	11	7,32/04
94082	8	51/03;15,23/04	95255	2	31/04	97063	2	48/03*	97270	6	7,13/04
94083	12	15,24/04	95261	7	36,47/03;14,21,26,31,36, 41/04	97065	2	48/03*	97271	12	35,41,44/03;9,17,24, 31/04
94120	6	15,23/04	95262	13	36/03	97080	6	21*,24/04	97272	11	37,47/03;1,9,13,19,31, 33/04
94122	7	35/03	95264	8	41/04	97082	5	34/03;10,39/04	97273	11	34*,52/03;1,9,33,38/04
94123	9	23,24,37/04	95267	6	15/04*	97083	3	29,34,35/03;27,36/04	97274	19	37,47,52/03;7,9,21,38/04
94124	13	23,24,37/04	95268	16	30,33,39/04	97100	4	49/03;16,17,24,31,32/04	97275	3	52/03*
94160	7	31,41,42/03;6,13,16, 17/04	95270	5	21/04*	97101	2	50/03*	97276	2	50/03*
94164	2	41,42,43/03;17/04	95272	3	30,33,41/04	97105	3	41/03;17,24/04	97277	12	21*,24,33/04
94165	4	43/03;13,18/04	95273	2	12,36,41/04	97108	4	50/03*	97278	12	14/04*
94180	9	44/03;6,16,17,18/04	95274	4	15*,25,36,36,41/04	97120	6	40,44,45,49/03;31,32, 41/04	97280	4	31/04
94187	3	36,45,46/03;12,18/04	95276	4	1*,26/04	97140	17	40,44,45,46,49,52/03;31, 32,34,36,41/04	97281	3	50/03*
94203	10	41,42/03	95280	10	21*,34/04	97141	5	6/04	97285	6	36/03;7,21/04
94206	3	44/03;18/04	95281	15	36,45/03	97143	12	21*,33,38/04	97286	6	35,36,38/03;26,38/04
94216	6	42,44,47/03;1,5/04	95282	7	12,19,40/04	97144	14	39,44,49/03;6,33/04	97300	6	6,22,27,31/04
94217	4	2,5/04	95285	3	12,34/04	97145	1	40,45,47/03;31,32,36, 41/04	97303	3	45/03
94218	3	2,5,17/04	95300	6	21*,22,26,30,34/04	97146	10	39/03;39/04	97304	1	22/04
94219	1	46/03;6/04	95320	15	33,40/03;10,13,14,26,28, 38/04	97148	9	40/04	97320	6	46/03;6,14,21,22,34, 38/04
94220	4	33,42,44,47/03;5,18/04	95341	8	40,44/03;10,13,14,31, 38/04	97149	20	12,33/04	97340	8	36,46,47/03;9,14,24, 34/04
94260	5	31/03	95342	16	10,13,39/04	97150	13	42,49/03	97341	9	47/03
94280	5	32/03	96000	5	17,20,32/04	97151	16	49/03;38/04	97342	14	43/03;24/04
94281	6	42/03	96004	14	16,25,32/04	97152	9	1*,6/04	97343	12	9/04
94282	9	7,13/04	96012	16	32,34/04	97153	8	52/03*,30/04	97345	2	50/03
94283	7	32/03;7,13,14/04	96016	7	51/03	97155	14	10,12,20/04	97360	6	43,45,47/03;30,34/04
94290	2	31/03;7/04	96028	5	51/03;20/04	97157	2	40/03*,1,38/04	97380	7	38,40,45/03;17,23,39/04
94322	14	47/03;6/04	96032	3	34,51/03;20/04	97158	5	50/03*	97381	7	43,45/03
94360	6	2,8,12,16,17,30/04	96036	2	36/03;15/04	97159	6	44,46,52/03;34,36/04	97382	2	42/03
94361	13	2,8/04	96039	7	44/03;8,15/04	97163	14	36/03;11/04	97383	16	42,46,47/03;22,25,33, 41/04
94363	4	29/03;15,17,21,30/04	96041	11	39,44,45/03;8,11,20/04	97164	1	52/03	97385	10	46,47/03;22,33,39,40, 41/04
94380	4	N18/04	96042	11	39,40,44,45/03;8,11,20, 26/04	97165	1	52/03	97387	2	42,46/03;10,25,33,39/04
94420	3	42,44,47/03;2,12,16/04	96043	8	11/04	97166	1	46/03	97389	2	45*,47/03
94421	10	12/04	96044	10	38,51/03;2,7,20/04	97167	2	23/04	97390	5	36/03;7,22/04
94423	12	12/04	96048	6	25/04	97180	6	44/03;19,32,34,39/04	97392	5	33,38/03;33/04
94440	2	23/04	96050	5	34,38,40/04	97181	20	35,44,46/03;1,7,19,39/04	97396	14	33,38/03;2,39/04
95016	8	21,24,25,26,28,29,36/04	96052	7	20/04	97182	13	35,46/03;1,9,21,26,28,36, 39/04	97397	7	44,49/03
95040	8	27/04	96054	4	45,51/03	97183	9	43,44/03	97398	4	43/03*,27,40/04
95041	7	50/03	96058	2	50/03	97184	15	39,44,33/04;1/04	97400	4	34*,44,49/03
95043	2	27/04	96060	5	25/04	97185	2	46/03	97409	5	40/04
95060	13	29,31,33/03;16,17,19,21, 34,38,40/04	96062	5	34,36/04	97187	3	2,16/04	97410	9	50/03*,2,39/04
95065	5	31/03;34/04	96064	4	51/03	97188	3	50/03*,7,9/04	97412	7	47/03
95066	11	31,32,33,37/03;6,17,21, 34,38,40/04	96068	2	38/03;11/04	97190	2	19,31/04	97420	17	33,38,40,45/03;1,11,14, 17,23,24,28,38,39/04
95067	13	37/03;17,20/04	96070	3	11/04	97200	9	29/03;17,23,27,31,40/04	97421	13	36/03
95068	1	29,37/03;34/04	96074	1	50/03/20/04	97202	15	30,33/04	97423	2	36/03;10,17/04
95080	13	30,31,32,48,52/03;16,17, 19,20,21,23,34/04	96076	5	38/03;11/04	97204	9	33,43,45,47/03;13,25/04	97425	6	45/03;1,2,23,28,38,39/04
95082	9	30,52/03;14,19,21/04	96078	5	15/04	97206	3	50/03*/13/04	97440	8	43,47/03;9,30,34/04
95085	4	33/03	96080	5	51/03	97218	3	33/03	97441	5	47/03;14/04
95086	5	31,33/03	96082	3	38/03;11/04	97219	4	47/03;13,27/04	97443	6	47/03
95087	3	30,31/03;1/04	96084	5	38/03;11/04	97220	3	29,33,46/03;6,7,11,13,17, 18,24,27,33/04	97460	7	47/03;9,23,26,34/04
95100	12	29,31,37/03;4,17,20,21, 35,38/04	96086	5	15/04	97222	12	29/03;11,17,24,27/04	97461	9	9,26,34/04
95101	8	31/03;17,20/04	96088	4	36/03	97223	3	46/03;21/04	97465	9	33,37/03;6,12,26/04
95102	8	1,35/04	96090	4	17/04	97224	6	45/03;11/04	97469	10	33,37/03;6,12,30,40/04
95103	8	31/03;34/04	96092	4	20/03*;16/04	97226	7	41/03;6,22/04	97471	5	N33/03;N6,N10,N12, N40/04
95138	8	30,35,36/03;21/04	96093	7	32,37,45/03;6,16,21,26, 36/04	97227	11	30,34/03	97472	8	33/03
95140	15	29,33,35,37,51,52/03;4, 16,17,19,20,21,24,34,35, 39/04	96094	3	34/03*	97228	15	29,35,49,52/03;7,34/04	97474	7	26/04
95141	8	29,37,51/03;4,20/04	96096	3	34/03*	97229	12	33/03;18,30,39/04	97480	7	15,23,40/04
95142	9	29/03	96097	2	36/04	97230	18	33/03	97481	6	40/04
95143	11	30,36/03;21,34/04	96098	4	34,36/04	97231	11	33/03	97483	7	11/04
95144	9	35,37/03;17/04	96099	8	47/03;9,16,32,36/04	97232	9	7*,23/04	97501	2	21*,23/04
95146	14	31,32,35,37,48/03;20/04	96100	9	9/04	97233	12	15*,17/04	97521	6	36,40/04
95147	13	29,31,32,35,36/03;20, 21/04	96101	15	33,42/03;19,23,26,36/04	97234	17	41/03;7,22,24,33/04	800669	8	N1,N16,N34/04
95149	9	30,32,35,52/03;16,20,34, 39/04	96102	6	47/03;16,19,20,21,25, 28,31,32,34,41/04	97235	2	52/03*	800744	1	N36,N47,N50/03;N10, N30/04
95151	17	29,30,37/03;16,19,20, 34/04	96103	8	30,39/04	97236	20	35,41/03;13,22,34/04	801217	1	N33,N37/03;N6,N12, N26/04
95152	5	30,31,32,35/03;20,34/04	96104	3	47/03;16,32,34,36/04	97237	6	41/03	801885	3	N34/03
95153	2	32/03;19/04	96105	3	40/03	97238	11	12/04	801902	9	N31/03;N14,N29/04
95160	13	33,36,40/03;1,14,16,17, 19,20,24,28,38/04	96106	9	47/03;17,27,32/04	97241	6	1,23,27,30,36/04	801953	1	N39,N52/03
95161	16	30,37/03;20/04	96107	10	16,17,31,32,41/04	97243	8	33/03;14,22,40/04	802202	8	N40/04
95162	2	30,35/03;20,34,37/04	96108	7	40/03;16,17,19,20,21,25, 28,31,32,34,41/04	97244	7	13,25/04	802260	5	N1,N23,N34/04
95169	2	34/04	96109	10	23,30,34/04	97251	4	36,52/03	803404	2	N8/04
95171	1	37/03;35/04	96109	3	40/03;16,32,34,36,40, 41/04	97261	15	44/03;1,13,22,23,24,27, 31/04	804059	2	N43/03
95172	1	32/03;35/04	96109	3	40/03;16,32,34,36,40, 41/04	97261	4	41/04	804567	4	N31

SECTION I**NM 41/04****CHARTS AFFECTED BY NOTICE TO MARINERS
NM 29/03 THROUGH NM 41/04**

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.			
805118	3	N36/03;N12,N24/04			
805647	2	N30/03;N8,N13/04			
805980	4	N23/04			
806927	8	N30,N39/03;N29/04			
807370	5	N30,N31,N39/03;N14, N29/04			
809055	7	N25,N26,N31/04			
809679	2	N36/04			

SECTION II

NM 41/04

NGA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.				Edition		Price Category	Page(s)	NTM
NGA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date				
REGION 1								
12AHA12313 (7642014010333)	Philadelphia and Camden Waterfronts	15,000	<u>50</u>	<u>7/04</u>	NOS	1-95	41/04	
	Continuation: Continuation to Bramell Point	15,000						
14XHA14784 (7642014010651)	Barber Point to Whitehall	40,000	<u>20</u>	<u>7/04</u>	NOS	1-96	41/04	
14XHA14815 (7642014010659)	Rochester Harbor, including Genesee River to Head of Navigation	10,000	<u>23</u>	<u>7/04</u>	NOS	1-96	41/04	
16ACO16465 (7642014007310)	<u>Tanaga Island to Unalga Island (Metric)</u>	100,000	<u>2</u>	<u>7/04</u>	NOS	1-68,97	41/04	
16ACO16700 (7642014011252)	Prince William Sound (LORAN-C)	200,000	<u>29</u>	<u>7/04</u>	NOS	1-97	41/04	
REGION 2								
25XHA25655 (7642014012071)	Ensenada Honda to Canal de Luis Pena-Isla de Culebra	10,000	<u>12</u>	<u>7/04</u>	NOS	2-63	41/04	
REGION 3								
36BHA36036 (7642015122601)	<u>UKHO 2878, Approaches to Milford Haven</u> (Change legend 36141 to 36036 on graphic p. 3-21 in 51-44N 005-35W)	<u>25,000</u>		<u>4/01</u>	UKHO	3-18,21, 30	41/04	
36BHA36141 (7642014012405)	Canceled						3-18,30	41/04
MISCELLANEOUS CHARTS AND PUBLICATIONS								
DNCDXVDU (7644014946812)	Digital Nautical Chart (DNC) - VPF Database Update (VDU)		<u>31</u>	<u>8/04</u>	DS	10-43	41/04	

Price Categories effective 1 October 2002

A 17.75	E 9.00	G 4.50	I 26.25
D 10.75	F 9.00	H 2.50	R 2.50

CHS Canadian Hydrographic Service

DS Distribution Limited

GPO Government Printing Office

NOS National Ocean Service

UKHO United Kingdom Hydrographic Office

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NAVIGATION PUBLICATIONS

SAILING DIRECTIONS CORRECTIONS**PUB 148 7 Ed 2001 LAST NM 40/04**

Page 21—Line 46/R; insert after:

A light with a racon has been reported (2004) to be situated 0.6 mile SSE of the old light structure on Punta Barima.
(BA NM 35/04)

41/04

PUB 163 8 Ed 2002 LAST NM 39/04

Page 61—Lines 31 to 35/R; read:

Piracy.—It has been reported that attacks on vessels by armed thieves have occurred in the areas covered by this text. Masters of all vessels are advised to take all possible security measures.

Caution.—Numerous oil and gas fields exist off the N coast of Jawa. Each field contains clusters of installations, consisting of above-water, awash, or submerged structures; the structures may be permanent or movable and may or may not be lighted. New platforms are routinely being added. Most structures exhibit lights, especially the platforms. Since not all features are charted or marked, mariners are cautioned to exercise special care when navigating these waters.

Tanjung Pontang to Tanjung Krawang

(8(52)04 Jakarta)

41/04

COAST PILOT CORRECTIONS**COAST PILOT 5 32 Ed 2004 Change No. 12 LAST NM 39/04**

Page 363—Paragraph 205, lines 12 to 14; read:
advised. In March 2004, the controlling depth was 6.5 feet (8.6 feet at midchannel) from Buoy CB to the bridge, thence 9.8 feet ...
(CL 760/04)

41/04

Page 371—Paragraph 298, lines 15 to 19; read:

approach to the pass. In June 2004, the controlling depths were 9.0 feet in the entrance channel to the fork at the bridge, thence 5.5 feet (6.5 feet at midchannel) in the west channel leading to Terry and Johnson Coves, thence 7.8 feet in the east channel leading to ...
(CL 1148/04)

41/04

Page 379—Paragraph 46, lines 6 to 9; read:

at miles 1.6 and 2.5, respectively. In May 2004, the controlling depth was 6.3 feet (7.6 feet at midchannel) to Daybeacon 30, thence 4.5 feet (5.7 feet at midchannel) to Daybeacon 38, thence 2.0 feet (5.2 feet at midchannel) to the head of the project. In 1999, depths ...
(CL 1033/04)

41/04

Page 379—Paragraph 54, lines 4 to 7; read:

daybeacons. In January 2004, the controlling depth was 6.5 feet from the entrance in Mobile Bay to the head of the

project about 1 mile about the mouth.
(CL 499/04)

41/04

Page 386—Paragraph 155, lines 11 to 14; read:
the anchorage basin to Dauphin Island Bay. In March 2004, the controlling depth was 2.6 (4.1 feet at midchannel) in the entrance channel to the basin, thence 2.4 to 6.3 feet in the basin, thence 5.2 feet in the ...
(CL 728/04; CL 729/04)

41/04

Page 392—Paragraph 220, lines 7 to 9; read:
3.5 miles above the State Route 613 bridge. In June 2004, the controlling depth was 5.4 feet (8.9 feet at midchannel) to the State Route 613 bridge, thence 12.0 ...
(CL 985/04)

41/04

Page 393—Paragraph 236, line 14; read:
thence in April 2004, 10.8 feet (11.4 feet at ...
(CL 987/04)

41/04

Page 395—Paragraph 257, lines 4 to 9; read:
to the entrance to Industrial Seaway. In January 2004, the controlling depth was 9.3 feet (11.1 feet at midchannel) from State Route 90 highway bridge to State Route 110 highway bridge, thence 11.4 feet (12.0 feet at midchannel) to Popps Ferry Road highway bridge, thence 6.2 feet (11.0 feet at midchannel) to the seaway.
(CL 504/04)

41/04

Page 401—Paragraph 334, lines 3 to 4; read:
miles to the mouth of the river. In April 2004, the controlling depth was 3.6 feet (6.0 feet at midchannel).
(CL 760/04)

41/04

COAST PILOT 6 34 Ed 2004 Change No. 15 LAST NM 40/04

Page 193—Paragraph 101; read:

In April 2004, the controlling depths were 23.3 feet in the approach and in the channel through the outer harbor to the mouth of the river, thence 20.0 feet in the river channel to the head of the federal project at Seneca Street. The outer harbor W of the entrance channel had depths of 11 to 16 feet (except for lesser depths in an area near the S end of the W breakwater.) The outer harbor E of the entrance channel had depths of 17 to 21 feet (except for lesser depths along the SE edge.) The channel leading SW to the turning basin had a depth of 16.1 feet, thence 15 to 20 feet in the basin.
(CL 938/04; BP 183817)

41/04

Page 195—Paragraph 103, line 1; read:

A 7-foot spot depth is off the E face of the Port ...
(NOS 14813)

41/04

Page 198—Paragraph 139, lines 6 to 7; read:
by lighted buoys and a light. In October 2003-May 2004, the

SECTION II

NM 41/04

COAST PILOT 6 (Continued)

dredged channel had a controlling depth of 6.8 feet.

(CL 946/04; BP 183819; BP 182156)

41/04

Page 198—Paragraph 151; read:

In April-June 2004, the controlling depths in the dredged channel were 2.0 feet in the entrance and between the breakwaters to the boat launch ramp access channel, with 5.6 feet in the access channel, thence 6.8 feet to deep water in the bay.

(CL 1100/04; BP 184017)

41/04

Page 198—Paragraph 152, lines 3 to 5; read:

a swing span with a clearance of 8 feet. The bridge is placed in the closed-to-navigation position from December 1st to April 1st. State Route 104 highway bridge ...

(NOS 14804)

41/04

Page 200—Paragraph 159; read:

In March-June 2004, the controlling depths were 17.3 feet in the entrance and between the piers to the lower turning basin with 17.4 feet in the west half of the basin and shoaling to 6.4 feet in the east half. The channel under the swing bridge had depths of 10.9 feet under the E draw and 14.3 feet under the W draw, thence 14.2 feet (17.9 feet at midchannel) to the Rochester Portland Cement Company on the W side of the river, 2.9 miles above the river entrance (except for shoaling to 10.0 feet in the right outside quarter of the channel near the N edge of the upper turning basin), thence 11.1 feet to the head of the project. The upper turning basin has depths of 1 to 3 feet and is no longer maintained.

(CL 1099/04; BPs 184015-16; BPs 183502-03)

41/04

Page 254—Paragraph 413, lines 8 to 15; read:

just inside the mouth of the river.

In March-April 2004, the controlling depths were 9.3 feet in the left half and 6.5 feet in the right half of the entrance channel to the anchorage basin, with 3 to 6 feet in the basin, thence 3.9 feet to the Norfolk-Southern Railway bridge, thence 3.2 feet to the turning basin, with 3 to 6 feet in the basin.

(CL 945/04; BP 183818)

41/04

Page 256—Paragraph 452; read:

In April 2004, the controlling depths were 4.5 feet in the W approach and 3.9 feet in the approach to the mouth of the river, thence 4.8 feet to the entrance of Superior Lagoon, thence 3.1 feet in the left half and shoaling to 0.1 foot in the right half of the channel to the Liberty Avenue bridge.

(CL 1145/04; BP 184092)

41/04

Page 262—Paragraph 537, line 3; read:

entrance channel that crosses a bar, and in March-April 2004, ...

(BPs 183512-13)

41/04

Page 333—Paragraph 243, line 7; read:

shore of the island. A shoal ...

(LL/04; CL 1267/04)

41/04

COAST PILOT 8

26 Ed 2004

**Change No. 5
LAST NM 40/04**

Page 263—Paragraph 104, line 1; read:

Grave Island Light (57°16'01"N., 134°05'00"W.), 18 ...
(36/04 CG17) 41/04

Page 317—Paragraph 53, lines 2 to 4; read:

Island Light, is a rock that uncovers 14 feet. It is marked by **Vanderbilt Reef Light** (58°35'27"N., 135°01'07"W.), 36 feet (11.0 m) above the water and shown from a skeleton structure ...

(H-10862; LL/04) 41/04

Page 317—Paragraph 55, line 4; read:

room. A 1.3 fathom shoal in 58°38'06"N., 134°57'06"W. is in the middle of the passage between Mab Island and the mainland. Small boats may secure better protection by anchoring ...

(H-10862; CL 1016/99) 41/04

COAST PILOT 9

22 Ed 2004

**Change No. 3
LAST NM 39/04**

Page 139—Paragraph 257, line 1; read:

Foul ground marked by kelp extends 0.6 mile N to 1.0 mile WNW ...

(H-10921; BP 173738) 41/04

Page 139—Paragraph 258, lines 2 to 5; read:

small vessel can anchor in good weather about 0.5 mile from the head and 0.2 mile from the NW side, in 5 to 6.5 fathoms. Small craft can anchor all the way back in the bay, about 0.2 mile from the head. Depth in this ...

(H-10921; BP 173738) 41/04

Page 139—Paragraph 259, line 4; read:

rocks and reefs that extend to 0.2 mile offshore. Mariners ...

(H-10921; BP 173738) 41/04

Page 175—Paragraph 656, line 3; read:

Graveyard Point to Montague Point. A 1 fathom spot depth (60°22'42"N., 147°04'38"W.) is about 0.4 mile NE of Montague Point.

(H-10921; BP 173738; CL 2228/99) 41/04

Page 228—Paragraph 1334, line 4; read:

with depths of 2 1/2 to 6 fathoms, marked by a seasonal ...

(H-10802) 41/04

Page 233—Paragraph 1391, lines 11 to 13; read:

drastic and continual change. In 2001, shoaling to 15 feet was about 1.1 miles eastward of Point Mackenzie Light 7 and 19 feet was in 61°14'15"N., 149°56'45"W., along the Fire Island Range.

(H-11031; 01/02 CG17;
CL 88/02; BPs 181501-02) 41/04

COAST PILOT 9 **22 Ed 2004** **Change No. 4**

Page 251—Paragraph 194, line 4; read:
the S, has not been surveyed. Shoaling to 1½ fathoms is in
the middle of the bay. It is reported that a medium-sized ...
(CL 1237/04) 41/04

Page 266—Paragraph 413, lines 1 to 2; read:
Tallapoosa Shoal, with a least depth of $6\frac{1}{4}$ fathoms is
57°02'20.1"N., 153°27'11.8"W., is in the middle of the strait
3.5 miles NW of ...
(DD 5261) 41/04

Page 285—Paragraph 744, lines 6 to 7; read:
Thistle Rock uncovers 1 foot. The other two are submerged
0.9 and 2.3 fathoms and are about 180 yards E ...
(BP 183805; H-10966) 41/04

Page 285—Paragraph 745, line 1; read:
Ditto Islets, a pair 30 and 35 feet high, are in the middle of
... (BP 183805: H-10966) 41/04

Page 286—Paragraph 750, line 5; read:
about 5 fathoms between Harvester Island and Bear Island ...
(BP 183804; H-10966) 41/04

Page 286—Paragraph 751, line 1; read:
The NW entrance is 0.3 mile wide between two ...
(BP 183804; H-10966) 41/04

Page 286—Paragraph 751, line 9; read:
avoid a 2-fathom shoal that is about 0.3 mile SSW of ...
(BP 183804; H-10966) 41/04

Page 286—Paragraph 752, line 4; read:
Harvester Island and 400 yards offshore.
(BP 183804; H-10966) 41/04

Page 311—Paragraph 247, lines 7 to 13; read:
inhabited by thousands of birds. A large rock awash is about 0.6 mile SSW from the S point of the island in 55°54'37.1"N., 158°49'51.4"W.; and about 0.8 mile beyond the rock is the N end of a kelp-marked shoal area that is 0.3 mile long and has a least known depth of 4 fathoms. Between this shoal and the ...

Page 355—Paragraph 181, line 8; read:
tend to blend together to appear as one island. An obstruction, depth unknown, in $54^{\circ}00'06''N.$, $166^{\circ}06'06''W.$ is about 1.0 mile NW of the NW island.
(35/04 CG17) 41/04

Page 475—Paragraph 619, line 5; read:
64°29'36"N., 165°24'00"W.
(CL 758/89) 41/04

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1330	Sand Ledge Buoy 15	44 31 39 N 67 34 43 W				Green can.	
		*					41/04
15134	Nantucket Sound CG Mooring Buoy	41 21 00 N 70 05 00 W				White sphere with blue stripe.	
		*					41/04
30335	- Buoy 26	40 47 11 N 72 44 26 W				Red nun.	
		*					41/04
30340	- Buoy 27	40 47 07 N 72 44 02 W				Green can.	
		*					41/04
National Dock Channel							
37209	Front Range Light	40 41 17 N 74 04 49 W	Iso Y 6s	50	5	Mono pole.	Private aid.
				*	*		
							41/04
37209.1	Rear Range Light	40 41 29 N 74 05 08 W	Iso Y 6s	100	5	Mono pile.	Private aid.
		*		*	*	*	
							41/04
King Bay							
Great Chazy River Boat Channel							
<i>Aids maintained from May 15 to Oct. 15.</i>							
39170	- Lighted Buoy 1		Fl G 4s			Green can.	Private aid.
					*		
							41/04
39190	- Buoy 5					Green can.	Private aid.
					*		
							41/04
39200	- Buoy 7					Green can.	Private aid.
					*		
							41/04
39210	- Buoy 9					Green can.	Private aid.
					*		
							41/04

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
130	Five Fathom Bank Traffic Lane Lighted Buoy FB	38 46 51 N 74 55 35 W	Fl Y 6s		6	Yellow.	
					*		
							41/04

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
348	<i>Surface Gunnery Area 8 Lighted Buoy GA</i>	37 12 00 N 74 51 40 W	Fl Y 6s		4	Yellow.	
				*			41/04
349	<i>Surface Gunnery Area 8 Lighted Buoy GC</i>	37 12 15 N 74 51 49 W	Fl Y 2.5s		4	Yellow.	
				*			41/04
465	- <i>Lighted Buoy 11</i>	36 53 08 N 75 53 19 W	Fl G 2.5s		4	Green.	
				*			41/04
475	- <i>Lighted Buoy 13</i>	36 54 03 N 75 54 22 W	Fl G 4s		4	Green.	
				*			41/04
515	<i>Dam Neck Disposal Area Lighted Buoy A</i>		Fl Y 2.5s		5	Yellow.	Position changed frequently for dredging.
				*			41/04
565	<i>Bodie Island Lighted Buoy 8</i>	35 55 49 N 75 27 35 W	Fl R 4s		4	Red.	
				*			41/04

CAPE HATTERAS TO LITTLE RIVER INLET (Chart 11520)

640	<i>Diamond Shoal Lighted Buoy 12</i>	35 09 05 N 75 17 33 W	Q R		4	Red disc-shaped hull.	Marks remaining structure of Diamond Shoal Light.
		*					41/04
765	- <i>Lighted Buoy F</i>	34 21 55 N 77 17 28 W	Fl Y 6s		6	Yellow.	
		*					41/04

CHINCOTEAGUE INLET TO GREAT MACHIPONGO INLET (Chart 12210)

Virginia Inside Passage

5520	- Daybeacon 1	37 53 56 N 75 25 06 W			SG on pile.		
		*					41/04
5533	- Daybeacon 2B				TR on pile.	*	
		*					41/04
9230	- <i>Lighted Buoy 6</i>		Fl R 6s		4	Red.	
		*					41/04
30320	- <i>Channel Lighted Buoy 4</i>	33 48 06 N 78 02 25 W	Fl R 4s		4	Red.	
		*					41/04
30372	- <i>Lighted Buoy 12</i>		Fl R 2.5s		4	Red.	
		*					41/04

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
547	Newfield 108-1 Lighted Buoy Marks subsea installation.						Remove from list.
							*
							41/04
1080 21450	Sabine Pass East Jetty Light	29 38 41 N 93 49 22 W	Fl W 5s	42	11	Cylindrical tower on piles.	HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s si). Continuously from Nov. 1 to Apr. 30.
							*
							41/04
*17387	Caillou Boca Shoal Buoy 3					Green can.	
							41/04
18235	- Buoy 8					Red nun.	
		*				*	
							41/04
18275	- Buoy 19					Green can.	
		*					41/04
18280	- Buoy 20					Red nun.	
		*				*	
							41/04
18402	- WRECK LIGHT WR1	29 40 31 N 91 12 11 W	Q G	17	4	SG on pile.	Ra ref.
		*	*	*	*		
							41/04
18415	- LIGHT 36	29 36 30 N 91 14 48 W	Fl R 6s	17	4	TR on pile. NW on pile.	VTS Berwick check point sign. Daybeacon on same structure as light. Ra ref.
							*
							41/04
18490	BAYOU BOUTTE LIGHT 2						Remove from list.
							*
							41/04
*23016.01	- LIGHT 1	29 31 48 N 94 48 57 W	Fl G 2.5s	17	3	SG on pile.	Ra ref.
							41/04
*23016.02	- Daybeacon 2	29 32 00 N 94 48 36 W				TR on pile.	Ra ref.
							41/04
*23016.03	- Daybeacon 3	29 32 13 N 94 48 21 W				SG on pile.	Ra ref.
							41/04
*23016.04	- Daybeacon 4	29 32 19 N 94 48 09 W				TR on pile.	Ra ref.
							41/04
*23016.05	- Daybeacon 5	29 32 37 N 94 47 47 W				SG on pile.	Ra ref.
							41/04

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*23016.06 - LIGHT 7		29 32 50 N 94 47 26 W	Fl G 4s	17	4	SG on pile.	Ra ref. 41/04
*23016.07 - Daybeacon 9		29 32 49 N 94 46 46 W				SG on pile.	Ra ref. 41/04
*23016.08 - LIGHT 10		29 32 45 N 94 46 20 W	Fl R 2.5s	17	3	TR on pile.	Ra ref. 41/04
37545	- LIGHT 61 90 feet outside channel limit.	27 58 15 N 97 03 17 W	Q G	17	4	SG-SY on pile.	Ra ref. 41/04
37590	- LIGHT 71 90 feet outside channel limit.	27 56 34 N 97 03 34 W	Q G	17	4	SG-SY on pile.	Ra ref. 41/04
37650	- LIGHT 85 90 feet outside channel limit.	27 54 41 N 97 03 10 W	Q G	17	4	SG-SY on pile.	Ra ref. 41/04
37675	- LIGHT 91 90 feet outside channel limit.		Fl G 6s	17	4	SG-SY on pile.	Ra ref. 41/04
REDFISH BAY TO MIDDLE GROUND (Chart 11308)							
Corpus Christi - Port Isabel							
Corpus Christi - Baffin Bay							
Lights 50 feet outside channel limits.							
37715	- ENTRANCE LIGHT C	27 43 05 N 97 13 07 W	Mo (A) W	17	5	MR-I on dolphin.	Ra ref. 41/04
37760	- Buoy 15	27 40 39 N 97 13 38 W				Green can with yellow square.	 41/04
Corpus Christi - Baffin Bay							
Lights 50 feet outside channel limits.							
37945	- LIGHT 41		Fl G 2.5s	17	3	SG-SY on pile.	Ra ref. 41/04
38525	- Buoy 125	27 27 53 N 97 19 43 W				Green can with yellow square.	 41/04

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
38560	- LIGHT 137	27 26 39 N 97 20 22 W	Fl G 4s	17	4	SG-SY on pile.	Ra ref.
		*					41/04

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
YAQUINA HEAD TO COLUMBIA RIVER (CHART 18520)							
655 9780	Depoe Bay Approach Lighted Whistle Buoy DB	44 48 29 N 124 05 19 W	Mo (A) W	5	Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather.	*
		*		*			41/04
2925	PARKER LIGHTHOUSE LIGHT	33 45 36 N 118 11 30 W	Fl W 10s	71	On blue and white building.	Private aid.	
							41/04
*Add Heading: *Oakland Airport							
*4827	OAKLAND AIRPORT SECURITY ZONE BUOY "A"	37 43 38 N 122 15 07 W	Fl W 4s		Security Zone.	Private aid.	
							41/04
*4827.1	OAKLAND AIRPORT SECURITY ZONE BUOY "B"	37 43 32 N 122 15 12 W	Fl W 4s		Security Zone.	Private aid.	
							41/04
*4827.2	OAKLAND AIRPORT SECURITY ZONE BUOY "C"	37 43 23 N 122 15 09 W	Fl W 4s		Security Zone.	Private aid.	
							41/04
*4827.4	OAKLAND AIRPORT SECURITY ZONE BUOY "E"	37 42 39 N 122 14 07 W	Fl W 4s		Security Zone.	Private aid.	
							41/04
*4827.5	OAKLAND AIRPORT SECURITY ZONE BUOY "F"	37 42 17 N 122 13 36 W	Fl W 4s		Security Zone.	Private aid.	
							41/04
*4827.6	OAKLAND AIRPORT SECURITY ZONE BUOY "G"	37 41 55 N 122 13 06 W	Fl W 4s		Security Zone.	Private aid.	
							41/04
*4828	OAKLAND AIRPORT SECURITY ZONE BUOY "H"	37 41 52 N 122 12 53 W	Fl W 4s		Security Zone.	Private aid.	
							41/04
*4828.1	OAKLAND AIRPORT SECURITY ZONE BUOY "I"	37 41 53 N 122 12 45 W	Fl W 4s		Security Zone.	Private aid.	
							41/04
*4828.2	OAKLAND AIRPORT SECURITY ZONE BUOY "J"	37 41 41 N 122 12 23 W	Fl W 4s		Security Zone.	Private aid.	
							41/04

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*4828.3	OAKLAND AIRPORT SECURITY ZONE BUOY "K"	37 41 50 N 122 12 12 W	Fl W 4s			Security Zone.	Private aid. 41/04
*4828.4	OAKLAND AIRPORT SECURITY ZONE BUOY "L"	37 42 03 N 122 12 35 W	Fl W 4s			Security Zone.	Private aid. 41/04
*4828.5	OAKLAND AIRPORT SECURITY ZONE BUOY "M"	37 42 07 N 122 12 33 W	Fl W 4s			Security Zone.	Private aid. 41/04
*4828.6	OAKLAND AIRPORT SECURITY ZONE BUOY "N"	37 42 34 N 122 12 36 W	Fl W 4s			Security Zone.	Private aid. 41/04
4918	- NORTH CHANNEL RANGE REAR LIGHT 244 yards, 203° from front light.	37 44 33 N 122 22 33 W	F Y	68		KRW on post.	Private aid. 41/04
*							
*5136	SAN FRANCISCO AIRPORT SECURITY ZONE BUOY "A"	37 36 41 N 122 22 18 W	Fl W 4s			Security Zone.	Private aid. 41/04
*5136.1	SAN FRANCISCO AIRPORT SECURITY ZONE BUOY "B"	37 36 26 N 122 21 30 W	Fl W 4s			Security Zone.	Private aid. 41/04
*5136.2	SAN FRANCISCO AIRPORT SECURITY ZONE BUOY "C"	37 36 31 N 122 21 21 W	Fl W 4s			Security Zone.	Private aid. 41/04
*5136.3	SAN FRANCISCO AIRPORT SECURITY ZONE BUOY "D"	37 36 17 N 122 20 45 W	Fl W 4s			Security Zone.	Private aid. 41/04
*5137	SAN FRANCISCO AIRPORT SECURITY ZONE BUOY "E"	37 36 37 N 122 20 40 W	Fl W 4s			Security Zone.	Private aid. 41/04
*5137.1	SAN FRANCISCO AIRPORT SECURITY ZONE BUOY "F"	37 36 50 N 122 21 08 W	Fl W 4s			Security Zone.	Private aid. 41/04
*5137.2	SAN FRANCISCO AIRPORT SECURITY ZONE BUOY "G"	37 37 10 N 122 21 34 W	Fl W 4s			Security Zone.	Private aid. 41/04
*5137.3	SAN FRANCISCO AIRPORT SECURITY ZONE BUOY "H"	37 37 19 N 122 21 52 W	Fl W 4s			Security Zone.	Private aid. 41/04
*5138	SAN FRANCISCO AIRPORT SECURITY ZONE BUOY "I"	37 37 21 N 122 21 53 W	Fl W 4s			Security Zone.	Private aid. 41/04

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*5138.1	SAN FRANCISCO AIRPORT SECURITY ZONE BUOY "J"	37 37 39 N 122 21 44 W	Fl W 4s			Security Zone.	Private aid. 41/04
*5138.2	SAN FRANCISCO AIRPORT SECURITY ZONE BUOY "K"	37 37 56 N 122 21 51 W	Fl W 4s			Security Zone.	Private aid. 41/04
*5138.3	SAN FRANCISCO AIRPORT SECURITY ZONE BUOY "L"	37 37 50 N 122 22 20 W	Fl W 4s			Security Zone.	Private aid. 41/04
*5139	SAN FRANCISCO AIRPORT SECURITY ZONE BUOY "M"	37 38 10 N 122 22 38 W	Fl W 4s			Security Zone.	Private aid. 41/04
*5139.1	SAN FRANCISCO AIRPORT SECURITY ZONE BUOY "N"	37 38 25 N 122 22 54 W	Fl W 4s			Security Zone.	Private aid. 41/04
Coyote Point							
5140	- YACHT HARBOR LIGHT 1	37 35 38 N 122 18 46 W	Fl G 4s	12		On pile.	Private aid. 41/04
9340	- CHANNEL LIGHT 22	43 44 48 N 124 07 59 W	Fl R 6s	16	4	TR on pile.	Ra ref. 41/04
*9652	OSU Dock Light	44 37 30 N 124 02 37 W	F Y			On steel pile.	Private aid. 41/04
Depoe Bay							
9780 655	- Approach Lighted Whistle Buoy DB	44 48 29 N 124 05 19 W	Mo (A) W	5		Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather. 41/04
12665	IRRIGON LOWER RANGE FRONT LIGHT 60	45 54 05 N 119 30 52 W	Q R	34		KRW on skeleton tower, TR oriented upstream. 17	Visible all around; higher intensity on rangeline. 41/04
*13017	Agrium Research Lighted Buoy A	46 09 54 N 119 00 45 W	Fl Y 6s			Yellow research buoy.	Private aid. 41/04
*13018	Agrium Research Lighted Buoy B	46 09 58 N 119 00 52 W	Fl Y 6s			Yellow research buoy.	Private aid. 41/04

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
13320	- LIGHT 16	46 21 16 N 118 44 43 W	Fl R 4s	40	3	TR on platform.	Ra ref. 41/04
13580	- LIGHT 21	46 36 31 N 118 18 39 W	Fl G 2.5s	18	4	SG on platform.	*
							41/04
14135	- LIGHT B		Fl W 6s	14	5	NR on box.	*
							41/04
14140	- LIGHT C		Fl W 2.5s	16	5	NR on box.	*
							41/04
14150	- LIGHT D		Fl W 4s	20	5	NR on box.	*
							41/04
14175	- LIGHT F		Fl W 2.5s	18	5	NR on box.	*
							41/04
14180	- LIGHT G		Fl W 4s	18	5	NR on box.	*
							41/04
14190	- LIGHT H		Fl W 6s	16	5	NR on box.	*
							41/04
14195	- LIGHT I		Fl W 2.5s	16	5	NR on box.	*
							41/04
14245	- Buoy 4					White.	*
							41/04
14335	- LIGHT Y	48 26 48 N 118 12 46 W	Fl W 2.5s	15	5	NR on house.	*
		*					41/04
14345	- LIGHT AA		Fl W 4s	10	5	NB on box.	*
							41/04
Willamette River							
14980	- Channel Lighted Buoy 6	45 28 39 N 122 40 05 W	Fl R 2.5s	3		Red.	
		*					41/04
15571	- Entrance Lighted Whistle Buoy 8	46 54 29 N 124 10 57 W	Q R	3		Red.	*
		*					41/04

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
16510	Puget Sound Traffic Lane Separation Lighted Buoy SC	48 01 51 N 122 38 10 W	Fl Y 2.5s		6	Yellow.	
			*	*			41/04
*17227	Tacoma Narrows Outfall Pipe Lighted Buoy	47 16 24 N 122 33 22 W	Fl W 4s			Orange and white can.	Private aid.
							41/04
19755	PEARL ISLAND DOCK LIGHT	48 37 02 N 123 09 39 W	Fl Y 4s	18		On pile.	Private aid.
			*				41/04
*20159	Cape Horn Marina Light	47 59 00 N 116 30 25 W	Fl Y 4s			On steel pile.	Private aid.
							41/04

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Lake St. Clair							
Grosse Point							
8665	- MUNICIPAL PIER NORTHEAST LIGHT	42 22 50 N 82 54 13 W	F Y	18 5		On post.	Maintained from Apr. 1 to Nov. 1. Private aid.
		*	*		*		*
							41/04
*8666	- MUNICIPAL PIER SOUTHWEST LIGHT		F Y	18 5		On Post.	Maintained from Apr. 15 to Nov. 1. Private aid.
							41/04
*8667	- Municipal Pier Lighted Entrance Buoy 1		Fl G 4s			Green can.	Maintained from Apr. 15 to Nov. 1. Private aid.
							41/04
*8668	- Municipal Pier Lighted Entrance Buoy 2		Fl R 4s			Red nun.	Maintained from Apr. 15 to Nov. 1. Private aid.
							41/04
*8669	- Municipal Channel Lighted Buoy 3		Fl G 4s			Green can.	Maintained from Apr. 15 to Nov. 1. Private aid.
							41/04
8670	- Municipal Channel Lighted Buoy 4		F G	24 7		On post standard.	Maintained from Apr. 1 to Dec. 1. Private aid.
		*					41/04

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
8675	- MUNICIPAL PIER SOUTHWEST ENTRANCE LIGHT 5		Fl G 4s	16 5		On post.	Maintained from Apr. 15 to Nov. 1. Private aid.
	*		*	*		*	*
							41/04
8680	- MUNICIPAL PIER SOUTHWEST ENTRANCE LIGHT 6		Fl R 4s	16 5		On post.	Maintained from Apr. 15 to Nov. 1. Private aid.
	*		*	*		*	*
							41/04
8685	- MUNICIPAL PIER NORTHWEST ENTRANCE LIGHT 7		Fl G 4s	16 5		On post.	Maintained from Apr. 15 to Nov. 1. Private aid.
	*		*	*		*	*
							41/04
8690	- MUNICIPAL PIER NORTHWEST ENTRANCE LIGHT 8		Fl R 4s	16 5		On post.	Maintained from Apr. 15 to Nov. 1. Private aid.
	*		*	*		*	*
							41/04
*15527	BAYFIELD FERRY LANDING BREAKWATER LT 1	46 48 43 N 90 48 39 W	Fl R 4s	25 8		On post.	Maintained from Apr. 15 to Nov. 1. Private aid.
							41/04
*15581	LITTLE SAND BAY HARBOR EAST LIGHT 1	46 56 47 N 90 53 31 W	Fl G 2.5s	17 5		On post.	Private aid.
							41/04
*15582	LITTLE SAND BAY HARBOR WEST LIGHT 2		Fl R 2.5s	17 5		On post.	Private aid.
							41/04
17285	- Lighted Buoy 12		Fl R 4s			Red.	
	*		*			*	
							41/04
17370	- Lighted Buoy 32		Fl R 4s			Red.	
	*		*			*	
							41/04
17420	Surveyor's Island Light 43	48 31 06 N 92 37 42 W	Fl R 4s			SG on skeleton tower.	
	*		*				
							41/04
18770	BEAR LAKE ENTRANCE WEST LIGHT	43 14 21 N 86 17 52 W	Fl G 4s	8 2		SB on piling.	Maintained from Apr. 1 to Nov. 1. Private aid.
	*		*			*	
							41/04
Little Sturgeon							
Buoys maintained from May 15 to Oct. 15.							
22012.1	- Buoy 1	46 50 36 N 87 32 48 W				Green can.	Private aid.
	*						
							41/04

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.

Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
22012.2	- Buoy 2	46 50 38 N 87 32 54 W				Red nun.	Private aid. 41/04
	*						
*22012.9	- Buoy 9					Green can.	Private aid. 41/04
*22013	- Buoy 10					Red nun.	Private aid. 41/04
*22013.1	- Buoy 11					Green can.	Private aid. 41/04
*22013.2	- Buoy 12					Red nun.	Private aid. 41/04

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SECTION II

CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
OUTARDES BAY:							
3336 -Pointe de Manicouagan. <i>H 2056</i>	49° 06.1' N 68° 11.6' W	Fl.W. period 6s fl. 1s, ec. 5s		118 36	20	Skeleton tower; 100.	Radar reflector.
-RACON	X(- • -)		*	*	*		*
							41/04
3360 -Point Rocheuse. <i>H 2064</i>	48° 44.4' N 69° 02.9' W	Fl.W. period 6s fl. 1s, ec. 5s		65 20	20	Square skeleton tower; 52.	
		*		*	*		*
							41/04
4544 Champlain. <i>H 2382</i>	46° 26.4' N 72° 20.7' W	Fl.R. period 5s fl. 1s, ec. 4s		50 15	4	White skeleton tower, fluorescent orange slatwork daymark; 45.	Operates at night only.
	F.G.		49 15	13			Visible 7°30' each side of 218°. Operates at night only.
		*	*				*
							41/04
6960 -Penouille Peninsula Range, front. <i>H 1754</i>	48° 51.1' N 64° 25.5' W	F.W.		23 7	17	Square skeleton tower, fluorescent orange daymark, black stripe; 15.	Visible on range line only. Emergency light.
			*	*			
							41/04
6964 -Rear, 229.6 meters 307°25' from front. <i>H 1754.1</i>	48° 51.2' N 64° 25.6' W	F.W.		59 18	17	Square skeleton tower, fluorescent orange rectangular daymark, black stripe; 50.	Visible on range line only. Emergency light.
--RACON	G(--)		*	*			
							41/04
ST. PETER'S INLET:							
9064 -Gregory Island. <i>H 0839</i>	45° 42.6' N 60° 48.1' W	Fl.G. period 4s fl. 0.5s, ec. 3.5s		36 11	4	White round structure, red bands; 34.	Maintained from May 1 to December 15.
		*		*			
							41/04
9912 -Herring Cove, breakwater. <i>H 3605</i>	44° 34.2' N 63° 33.4' W	Fl.R. period 5s fl. 1s, ec. 4s		15 5	10	Skeleton tower; 14.	
		*		*			
							41/04
CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2004 EDITION							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
3360 -E. breakwater, about 366 meters 152° from elbow of W. breakwater. <i>F 7112</i>	37° 57.3' N 139° 04.2' E	Fl.(2)G. period 7s 2 fl. 3s, ec. 4s		39 12	4	White tower; 33.	
		*					
							41/04

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SECTION II

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
18828 F 3754.7	Beicaozhong tide station.	31° 14.0' N 122° 00.6' E	Mo.(O)Y. period 12s	39 12	4	SPECIAL Y, beacon, topmark.	
RACON		G(---)		*			41/04
18834 F 3770.5	No. "24" LANBY.	31° 19.3' N 121° 42.2' E	Fl.W. period 6s		10	Red superbuoy.	Radar reflector.
-RACON		Z(---)		*			41/04

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*5478 -El Grao buoy.		39° 56.8' N 0° 05.6' E	L.Fl.W. period 10s fl. 3s, ec. 7s		7	SAFE WATER RW, pillar, topmark; 16.	
-RACON		K(---)		7			41/04
5632 Cabo de Salou. E 0386		41° 03.4' N 1° 10.4' E	Fl.(4)W. period 20s fl. 0.2s, ec. 3.1s fl. 0.2s, ec. 3.1s fl. 0.2s, ec. 3.1s fl. 0.2s, ec. 9.9s	141 43	23	White tower, red band, on white building; 36.	
*				*			41/04
5636 LANBY, "Tanker". E 0386.2		41° 04.1' N 1° 13.2' E	Fl.(4)Y. period 20s		5	Yellow LANBY, yellow topmark; 36.	
*				*			41/04
5640 Playa de le Canonja, oil pier. E 0386.6		41° 05.0' N 1° 12.5' E	Fl.R. period 2.5s	36 11	7	Round post on red base; 10.	
				*			41/04
5644 Oil pier, W. of Tarragona, on Platform "A". E 0387		41° 05.7' N 1° 12.9' E	Fl.(4)R. period 12s fl. 0.8s, ec. 1.2s fl. 0.8s, ec. 1.2s fl. 0.8s, ec. 1.2s fl. 0.8s, ec. 5.2s	39 12	1	White round post; 13.	
			*	*	*		41/04
5648 -Platform "C". E 0387.2		41° 05.9' N 1° 13.0' E	Fl.(2)R. period 6s fl. 1s, ec. 1.5s fl. 1s, ec. 2.5s	30 9	1	White round post on gray hut, red square; 3.	Fl.R. 5s 1M marks platform "B" 250 meters S.
			*	*	*		41/04
5665 -W. corner. E 0393.2		41° 06.0' N 1° 13.5' E	Fl.(2+1)R. period 12s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s fl. 0.5s, ec. 4.5s	20 6	1	Red mast, green band; 10.	
			*	*	*		41/04

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SECTION II

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
5668 -Muelle de Castilla. <i>E 0392.6</i>		41° 06.1' N 1° 13.9' E	Fl.(2+1)R. period 12s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s fl. 0.5s, ec. 4.5s	23 7	1	Red mast, green band; 13.	*
							41/04
5670 -Muelle de Rioja, head. <i>E 0392</i>		41° 06.2' N 1° 14.2' E	Fl.(2)R. period 7s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	23 7	1	Red metal post; 13.	*
							41/04
5676 --SE. head. <i>E 0392</i>		41° 06.4' N 1° 14.6' E	Fl.(2+1)R. period 12s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s fl. 0.5s, ec. 4.5s	23 7	1	Red metal post, green band; 15.	*
							41/04
5752 Rio Llobregat. <i>E 0398</i>		41° 19.5' N 2° 09.1' E	Fl.W. period 5s fl. 1s, ec. 4s	105 32	23	Tower on building, gallery with lantern; 102.	Visible 240°-030°.
							*
							41/04
5774 -Nuevo Contradique, head. <i>E 0405</i>		41° 20.5' N 2° 10.1' E	Fl.R. period 5s fl. 1s, ec. 4s	30 9	5	Red round tower, white band at base; 16.	*
							41/04
5776 -Oil pier, head. <i>E 0407.4</i>		41° 20.8' N 2° 09.9' E	Fl.(2+1)R. period 21s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s fl. 0.5s, ec. 13.5s	20 6	2	Red pillar, green band; 10.	*
							41/04
5780 -New pier. <i>E 0407.6</i>		41° 20.9' N 2° 10.0' E	Fl.(3)R. period 9s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	20 6	2	Red post on concrete base; 10.	*
							41/04
7200 -Bassin des Amiraux, entrance, <i>E 0825</i> W. side.		43° 41.5' N 7° 17.2' E	Fl.(3)R. period 12s fl. 1s, ec. 1.5s fl. 1s, ec. 1.5s fl. 1s, ec. 6s	20 6	6	White column, red top; 16.	*
*			*		*	*	*
							41/04
7204 -E. side, on jetty, head. <i>E 0826</i>		43° 41.6' N 7° 17.2' E	Fl.(3)G. period 12s fl. 1s, ec. 1.5s fl. 1s, ec. 1.5s fl. 1s, ec. 6s	20 6	7	White column, dark green top; 16.	*
*			*				41/04

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SECTION II

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
7216 <i>E 0828</i>	Cap Ferrat.	43° 40.5' N 7° 19.7' E	Fl.W. period 3s fl. 0.1s, ec. 2.9s	225 69	25	White octagonal tower, green band at base, green lantern; 112.	Visible 226°-167°. * * 41/04
7228 <i>E 0836.2</i>	- -S. head.	43° 42.3' N 7° 20.3' E	Fl.(3)G. period 12s fl. 1s, ec. 1.5s fl. 1s, ec. 1.5s fl. 1s, ec. 6s	23 7	8	White tower, dark green top; 13.	41/04
20452 <i>E 4732</i>	Deveboynu Burnu.	36° 41.3' N 27° 21.8' E	Fl.(2)W. period 10s	340 104	12	White stone tower, dwelling; 30.	Visible 315°-183°.
RACON			D(- • -)	*	*		41/04
22740 <i>E 6762</i>	-NE. breakwater, head.	35° 17.3' N 2° 55.4' W	Fl.G. period 4s fl. 1s, ec. 3s	105 32	7	Gray tower with green lantern on grey dwelling; 92.	* * * 41/04
24132 <i>D 2934</i>	-Ponta do Barril.	16° 36.2' N 24° 25.7' W	Fl.(3)W. period 12s	43 13	15	White quadrangular tower near dwelling; 30.	* * 41/04
ILHA DE SAO NICOLAU:							
460	Punta del Llobregat Light Station					Remove from list.	
						*	41/04

CORRECTIONS TO PUB 113, RADIOBEACONS, 2003 EDITION

(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks
460	Punta del Llobregat Light Station					Remove from list.	
						*	41/04

CORRECTIONS TO PUB 114, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
3044 <i>A 3578</i>	Holburn.					Remove from list.	
						*	41/04
3292 <i>A 3736</i>	Noup Head.	59° 19.9' N 3° 04.0' W	Fl.W. period 30s fl. 0.6s, ec. 29.4s	259 79	20	White tower; 79.	Visible 335°-242°, and 248°-282°. Partially obscured 240°-275°.
*4273 <i>A 4291</i>	Loch Ranza, ferry terminal. NW corner.	55° 42.5' N 5° 18.1' W	2 F.G. (vert.)	13 4	3	Metal Pole.	41/04
							41/04

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SECTION II

CORRECTIONS TO PUB 115, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
9344 -Ylvingen. L 2036		65° 36.2' N 12° 09.4' E	Oc.W.R.G. period 6s	39 12	W. 13 R. 10 G. 10	White lantern on base.	R. 208°-213°, W.-219°, G.-235°, W.-239°, R.-264°, W.-277°, G.-284°, W.-343°, R.-029°, W.-051°, G.-052°30'.
				*	*		41/04

CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*12764.4 Oil pier. C 3775.3		59° 19.9' N 24° 04.8' E	Fl.(2)W. period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4s	30 9	2	Gray mast, orange trapezoidal daymark; 20.	
*12764.5 South Harbor Range, front. C 3775		59° 19.9' N 24° 05.6' E	Q.R.	52 16	2	Metal cylinder, white rectangular daymark, black stripe; 33.	Visible on range line only.
*12764.51 -Rear, 150 meters 075°12' from front. C 3775.1		59° 19.9' N 24° 05.8' E	Q.R.	72 22	2	Metal cylinder, white rectangular daymark, black stripe; 33.	Visible on range line only.
13604 -Pirkoyri. C 5394		60° 27.5' N 26° 58.4' E	Fl.W.R.G. period 3s fl. 0.3s, ec. 2.7s	20 6	5	Red steel structure, white concrete base.	G. 000°-162°, W.-165°, R.-178°. Radar reflector.
		*	*	*	*		41/04

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SECTION II

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 41/04

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

NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.	
NGA HYDRO CATALOG CAT2V01U Region 1	2002	1*,2,3,4,7,8,9,10,11, 14,15,17,19,20,21, 22,23,24,25,26,27, 28,29,30,31,32,35, 36,37,38,39,40,41, 42,43,44,45,46,47, 48,50,51,52/03;1,2, 3,5,6,8,9,10,11,12, 13,14,15,16,17,18, 19,20,21,22,23,24, 25,26,28,29,30,31, 32,33,34,36,37,38, 39,40,41/04	CDPUBSD145 CDPUBSD146 CDPUBSD147 CDPUBSD153 CDPUBSD155 CDPUBSD157 CDPUBSD158 CDPUBSD160 CDPUBSD164 CDPUBSD171 CDPUBSD172 CDPUBSD174 CDPUBSD191 CDPUBSD192 CDPUBSD193 CDPUBSD194 SDPUB120	2003 2002 2004 2003 2004 2004 2003 2004 2004 2004 2004 2004 2004 2004 2004 2004 2001	51/03* 4/03* 38/04* 26/04* 29/04* 29/04* 24/03* 25/04* 36/04* 36/04* 37/04* 26/04* 29/04* 36/04* 27/04* 28/04* 12*,18,48,49,51/01; 8,13,14,21,22,24,29, 33,35,37,42,43,44, 45,47/02;4,6,7,8,9, 10,11,12,14,17,20, 21,23,29,30,31,41, 42,44,45,52/03;5,9, 12,14,15,38,40/04	COMDTM165023 COMDTM165024 COMDTM165025 COMDTM165026 COMDTM165027	2004 2004 2004 2004 2004	23*,24,25,26,27,28, 29,30,31,32,33,34, 35,36,37,38,39, 40/04 23*,24,25,26,27,28, 29,30,31,32,33, 35,36,37,38,39,40, 41/04 22/04* 22*,23,24,25,26,27, 28,29,30,31,32,33, 34,35,36,37,38,39, 40,41/04 22*,23,24,25,26,28, 29,30,32,34,36,37, 38,39,40,41/04	
Region 2	2002	1*,8,15,17,20,21,22, 23,24,26,28,30,32, 33,34,44,48,52/03;2, 3,5,7,10,11,14,15, 20,22,24,25,33,34, 39,40,41/04	SDPUB123	2001	45*,47,48/01;1,14, 17,18,19/02;24,25, 27,28,32,38,42/03	FLEET GUIDES CDPUBFGPAC FGPUB940ATL	2004 2001	N17/04* N47/01*	
Region 3	2002	1/03*,19,23,24,28, 31,32,33,34,36,37, 38,39,41/04	SDPUB126	2002	39*,41,42,43,44,45, 48/02;24,26,27,28, 30,32,41/03;12,16, 23,24,25,39,40/04	NOS MISCELLANEOUS PUBLICATIONS NOSPBCATALOG2 NOSPBCATALOG3 NOSPBCATALOG4 NOSPBCATALOGA NOSPBCATALOGG	2000 2000 2000 2003 2003	34/00* 28/00* 34/00* 19/04* 19/04*	
Region 4	2002	1*,23,43/03	SDPUB148	2001	48/01*;23,24/02;22, 42,43,45,48,50, 52/03;5,13,14,22,32, 33,40,41/04	ALMANACS AIRALMANAC501 NAUTALMANAC05	2005 2005	34/04* 34/04*	
Region 5	2002	1*,3,5,8,22,27,30, 33,38,48/03;1,9,10, 14,20,37,40/04	SDPUB154	2002	17*,19,31,42,44,45, 46,48,50/02;3,14,19, 23,30,41,42,47/03; 10,12,13,16,19,20, 28,30,31,33/04	COAST PILOT NOSPBCP1 NOSPBCP2 NOSPBCP3 NOSPBCP4 NOSPBCP5 NOSPBCP6 NOSPBCP7 NOSPBCP8 NOSPBCP9	34 33 37 35 32 34 36 26 22	18*,21,24,33,34, 38/04 6,9,20,25,26,27, 31,34,37,38/04 14*,18,21,25,28,33, 36,37,38,39/04 34*,36,39,42,44,46, 47,51/03;6,7,8,9,11, 12,19,20,21,24,26, 27,28,32,33,34/04 30*,31,33,34,37,38, 39,41/04 13*,18,19,25,26,27, 31,34,36,37,38,39, 40,41/04 18*,19,20,21,23,24, 27,31,34,37,38,39, 40/04 32*,34,38,39,40, 41/04 38*,39,41/04	
Region 6	2002	1*,10,11,13,16,19, 20,21,25,28,30,33, 38,50/03;11,37, 40/04	SDPUB159	2002	42*,48/02;10,13, 15/04	RADIO NAVIGATIONAL AIDS RAPUB117	2002	50/02*;13/03	
Region 7	2002	1*,11,15,28/03;31, 32/04	SDPUB161	2002	23*,24,44,47,48/02; 5,12/03;10,14/04	AMERICAN PRACTICAL NAVIGATOR NVPUB9	2002	36/02*;14,38/03	
Region 8	2002	1*,14,37,41,46, 52/03;38/04	SDPUB162	2001	51/01*;5,12/03; 12/04	INTERNATIONAL CODE OF SIGNALS CDPUBNV102	2003	20/03*	
Region 9	2002	1*,34,40,43,45,48, 50,51,52/03;1,7,11, 14,15,21,39/04	SDPUB163	2002	18*,20,21,26,46, 51/02;13,24,26,27, 28,29,30,31,39,40, 41,43,47,48/03;12, 16,23,24,38,39, 41/04	WORLD PORT INDEX NVPUB150	2000	50/00*;14,15,16,20, 21,41,42,43,44,45, 46,47,48,49,51, 52/01;1,2,5,6,10,11, 12,16,19,21,22,27, 31,32,33,36,39,40, 42,46,49/02;2,7,10, 15,20/03	
Miscellaneous Charts and Publications	2002	1*,2,4,5,6,7,9,11,12, 13,15,17,18,19,20, 21,23,24,25,27,28, 29,30,31,32,33,34, 36,37,38,39,41,42, 43,45,46,47,48,49, 51,52/03;1,4,5,6,7, 9,10,11,13,14,16,17, 18,19,20,21,22,23, 24,25,26,27,28,29, 30,32,34,35,36,37, 38,39,41/04	SDPUB173	2002	50*,51/02;3,22,24, 25,26,27,32,33,34, 37,38,49,50,51/03; 13,16,17,38,40/04	DISTANCES BETWEEN PORTS NVPUB151	2001	4/02*	
NGA LIST OF LIGHTS	LLPUB110	2004	10*,14,15,19,21,22, 23,24,29,30,31,32, 33,34,35,36,37,38, 39,41/04	SDPUB175	2001	41*,43,45,51/01;8, 11,12,13,14,16,17, 21,27,37,41,49/02; 26,27,29,32,37,38, 43,47/03	RADAR NAVIGATION AND MANEUVERING BOARD MANUAL CDPUBNV1310	2001	51/01*
LLPUB111	2004	37/04*	SDPUB180	2002	32*,33,42,47,48, 50/02;6,13,14,17,21, 24,42,44,47,48,49, 51/03;19,21,28,35, 40/04	II-51			
LLPUB112	2004	7*,9,10,11,12,14,15, 16,17,18,19,20,21, 22,23,24,25,26,27, 30,33,34,35,36,37, 38,39,40,41/04	SDPUB181	2002	38*,39/02				
LLPUB113	2003	46*,48,49,50,51, 52/03;1,2,3,4,5,6,7, 8,9,10,11,12,13,14, 15,16,17,18,19,20, 21,22,23,24,25,26, 27,28,29,30,31,32, 33,34,35,36,37,39, 40,41/04	SDPUB182	2001	8*,10,12,41/02; 17/03				
LLPUB114	2004	18*,21,22,23,24,25, 26,27,29,30,31,32, 37,38,39,41/04	SDPUB183	2001	27/01*;13,15,16/02; 18/03				
LLPUB115	2004	38*,41/04	SDPUB195	2002	33*,40,49,51,52/02; 1,2,3,15,16,21,32, 33,41,43,46,49/03;1, 12,23,33,36,40/04				
LLPUB116	2004	23*,28,30,31,33,37, 38,39,40,41/04	SDPUB200	2002	38*,39,42/02;22,27, 34,41,51,52/03; 27/04				
SAILING DIRECTIONS	CDPUBSD124	2004	25/04*	USCG LIGHT LIST VOLUMES I - VII	2004	22*,23,24,25,27,28, 29,30,31,32,33,34, 35,36,38,39,40, 41/04			
	CDPUBSD125	2004	27/04*	COMDTM165021	2004	23*,24,25,26,27,28, 29,30,31,32,33,34, 35,36,37,38,39,40, 41/04			
	CDPUBSD127	2004	29/04*	COMDTM165022	2004	23*,24,25,26,27,28, 29,30,31,33,34,36, 37,38,39,40,41/04			
	CDPUBSD131	2002	9/03*						
	CDPUBSD132	2003	6/04*						
	CDPUBSD140	2003	25/04*						
	CDPUBSD141	2004	36/04*						
	CDPUBSD142	2004	24/04*						
	CDPUBSD143	2003	46/03*						

SECTION II

**PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 41/04**

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

NGA Reference No.	Ed.	Notice to Mariners No.		
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	2000	4/01*		
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				
NOSPBTTCWPACIN4	2004	N1/04*		
NOSPBTTECSTNSA4	2004	N1/04*		
NOSPBTTEURAFR4	2004	N1/04*		
NOSPBTWCSTNSA4	2004	N1/04*		
TIDAL CURRENT TABLES				
NOSPBTCTATCSTN4	2004	N1/04*		
NOSPBTCTPACAS4	2004	N1/04*		

SECTION III

NM 41/04

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 231100Z September 2004:

2003 series	128(26)	243(GEN)	296(14,15)	309(11,26)
108(26,27)	198(11)	275(51)	298(11)	310(28)
2004 series	226(14)	291(11)	306(11)	311(GEN)

The summary of all NAVAREA IV messages in force as of 11 December 2003 is given in Section III of NM 52/03. Warnings issued during the subsequent quarters are issued in NM 13/04, 26/04 and 39/04.

NAVAREA IV WARNINGS issued from 161100Z to 231100Z September 2004.

308/04. CANCELED.

309/04(11,26). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS:

- A. 0400Z TO 0359Z COMMENCING DAILY
20 THRU 26 SEP IN AREA BOUND BY
30-45N 080-54W, 30-45N 080-11W,
30-36N 080-11W, 30-33N 080-55W.
- B. 0400Z TO 0359Z COMMENCING DAILY
20 THRU 26 SEP IN AREA BETWEEN
29-20N 29-10N AND 079-50W 079-40W.
- C. 1300Z TO 0359Z COMMENCING DAILY
21 AND 23 SEP AND 0400Z TO 0700Z DAILY
22 AND 24 SEP IN AREA BETWEEN
30-00N 29-50N AND 081-00W 080-50W.
- D. 200400Z TO 210359Z SEP IN AREA BETWEEN
29-37N 29-27N AND 080-00W 080-12W.
- E. 1230Z TO 0001Z COMMENCING DAILY
22 AND 24 SEP IN AREA BOUND BY
31-20N 080-44W, 31-44N 080-35W,
32-27N 080-10W, 32-42N 079-44W,
32-12N 078-12W, 31-20N 078-20W.

2. CANCEL THIS MSG 270459Z SEP.

(171644Z SEP 2004)

310/04(28). GULF OF MEXICO.

1. SURVEY OPERATIONS IN PROGRESS UNTIL 202300Z OCT BY
M/V GECO DIAMOND AND M/V GECO PEGASUS EACH TOWING
SIX 8000 METER LONG CABLES IN AREA BOUND BY
19-04.5N 095-31.5W, 19-05.2N 093-45.5W,
18-58.1N 093-45.6W, 18-57.4N 095-31.4W.
WIDE BERTH REQUESTED.

2. CANCEL THIS MSG 210001Z OCT.

(201249Z SEP 2004)

311/04(GEN).

1. NAVAREA IV MESSAGES IN FORCE 220800Z SEP 2004. ONLY THOSE
MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2004 SERIES: 275(51), 291(11), 296(14,15), 298(11), 306(11),
309(11,26), 310(28), 311(GEN).
2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF 11 DEC 2003
IS GIVEN IN SEC III OF NM 52/03. WARNINGS ISSUED DURING THE
SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 26/04.
3. CANCEL NAVAREA IV 271/04, 307/04.

(221351Z SEP 2004)

SECTION III

HYDROLANTS

Messages in force 231100Z September 2004:

2002 series	2418(52)	1162(36)	1429(57)	1506(53)	1537(36)
245(GEN)	2419(54)	1214(36)	1430(51)	1507(55)	1538(53)
246(GEN)	2420(54)	1219(35)	1434(24)	1510(54)	1540(55)
2003 series	2004 series	1235(37,51)	1437(37)	1512(51)	1541(24)
604(26,27)	224(24)	1256(37)	1438(53)	1513(56)	1542(24)
1422(53)	272(24)	1279(36)	1450(37)	1514(53)	1544(37)
1472(35)	631(37)	1286(36)	1454(35)	1515(53)	1545(24)
2203(53)	649(55)	1337(51)	1468(52)	1516(53)	1546(24)
2406(54)	650(55)	1382(43)	1470(55)	1517(53)	1547(37)
2407(54)	668(56)	1385(37)	1474(36)	1518(53)	1548(37)
2408(54)	850(24)	1389(53)	1475(53)	1519(52,53)	1549(GEN)
2409(54)	1019(24)	1400(51)	1476(52,53)	1525(53,54)	1550(24)
2410(54)	1033(37)	1402(52)	1501(GEN)	1526(36)	1551(53)
2413(54)	1084(53,56)	1404(52)	1503(24)	1527(23)	1552(54)
2414(54)	1104(37,43)	1416(24)	1504(37)	1530(55)	1553(24)
2416(54)	1136(37,43)	1425(24)	1505(37)	1536(53)	1554(53)

The summary of all HYDROLANTS in force as of 11 December 2003 is given in Section III of NM 52/03.
Warnings issued during the subsequent quarters are issued in NM 13/04, 26/04 and 39/04.

HYDROLANT WARNINGS issued from 161100Z to 231100Z September 2004.

1505/04(37). DOVER STRAIT.

CHART 37125 (15TH ED).

SANDETTIE NORTH BUOY 51-18N 002-05E OFF STATION.

(160938Z SEP 2004)

1506/04(53). SICILIA-EAST COAST.

1. OCEANOGRAPHIC SURVEY 20 THRU 30 SEP
BY M/V PERTINACIA WITHIN TWO MILES
OF 37-26.5N 015-23.6E. ONE MILE
BERTH REQUESTED.
2. CANCEL THIS MSG 01 OCT.

(161018Z SEP 2004)

1507/04(55). BLACK SEA. MISSILES.

1. HAZARDOUS OPERATIONS 0200Z TO 1200Z
21 THRU 25 SEP, 28 THRU 30 SEP,
AND 01 AND 02 OCT IN AREA BOUND BY
45-06.2N 036-52.3E, 45-04.2N 036-59.3E,
44-39.6N 037-20.6E, 44-17.4N 037-43.2E,
44-05.8N 037-11.2E, 44-04.4N 036-35.0E,
44-30.8N 036-38.8E, 45-00.5N 036-40.0E,
45-04.8N 036-44.9E.
2. CANCEL THIS MSG 021300Z OCT.

(161123Z SEP 2004)

1508/04 and 1509/04. CANCELED.

1510/04(54). ADRIATIC SEA.

CHART 54125 (3RD ED).

PLATFORM IKA-A ESTABLISHED IN 44-21.5N 013-29.3E.

(170041Z SEP 2004)

1511/04. CANCELED.

1512/04(51). TUNISIA.

CHART 53011 (1ST ED).

CAP BON LIGHT 37-04.7N 011-02.7E CHANGED TO FIXED WHITE.

(171254Z SEP 2004)

1513/04(56). EASTERN MEDITERRANEAN SEA.

1. SURVEY OPERATIONS IN PROGRESS UNTIL
30 OCT BY M/V SKANDI BERGEN AND
M/V SKANDI MOGSTER IN AREA BOUND BY
32-20N 031-15E, 32-00N 031-15E,
32-00N 031-00E, 31-38N 031-00E,
30-20N 029-30E, 31-38N 030-00E,
32-00N 030-00E, 32-00N 029-30E.
2. CANCEL THIS MSG 31 OCT.

(171325Z SEP 2004)

NM 41/04

SECTION III

1514/04(53). TYRRHENIAN SEA.

1. DERELICT 21 METER VESSEL, PARTIALLY SUBMERGED AND ADRIFT IN 38-59.1N 015-39.7E.
2. CANCEL THIS MSG 24 SEP.

(171520Z SEP 2004)

1515/04(53). SICILIA-NORTHEAST COAST.

CHART 53181 (4TH ED).
CAPO DI MILAZZO LIGHT 38-16.1N 015-13.9E UNLIT.

(171524Z SEP 2004)

1516/04(53). ITALY-SOUTH COAST.

1. SUBMARINE RESEARCH OPERATIONS 20 THRU 29 SEP BY M/V MESSINA ISTITUTE AND M/V LUIGI SANZO WITH SUBMERSIBLE GLIDER IN AREA BOUND BY 37-49N 015-52E, 37-55N 015-56E, 37-52N 016-00E, 37-23N 016-17E, 37-20N 016-11E, 37-22N 016-05E.
2. CANCEL THIS MSG 30 SEP.

(171533Z SEP 2004)

1517/04(53). SARDEGNA-NORTH COAST.

CHART 53120 (14TH ED).
ISOLA SANTA MARIA LIGHT 41-17.4N 009-23.1E UNLIT.

(171536Z SEP 2004)

1518/04(53). SARDEGNA-SOUTHWEST COAST.

CHART 53269 (5TH ED).
CAPO SANDALO LIGHT 39-08.8N 008-13.5E UNLIT.

(171539Z SEP 2004)

1519/04(52,53). SARDEGNA-EAST COAST. MISSILES. ROCKETS.

1. HAZARDOUS OPERATIONS:
 - A. 0700Z TO 1800Z DAILY 21 THRU 24 AND 27 THRU 30 SEP IN AREA BOUND BY 40-00N 010-00E, 40-00N 010-30E, 39-10N 010-30E, 39-10N 010-00E, 39-26N 009-38E, 39-38N 009-38E.
 - B. 0700Z TO 1530Z DAILY 21 THRU 24 AND 27 THRU 30 SEP IN AREA BOUND BY 40-15N 010-00E, 40-15N 011-31E, 40-11N 011-33E, 39-32N 011-38E, 38-52N 011-28E, 39-10N 010-00E, 39-28N 009-38E, 39-43N 009-40E.
 - C. 0700Z TO 1530Z DAILY 21 THRU 24 AND 27 THRU 30 SEP IN AREA BOUND BY 40-37N 009-50E, 40-40N 010-35E, 40-40N 010-50E, 39-20N 010-50E, 39-20N 009-47E, 39-24N 009-40E.
 - D. 0700Z TO 1530Z DAILY 21 THRU 24 AND 27 THRU 30 SEP IN AREA BOUND BY 40-37N 009-54E, 40-42N 011-17E, 40-11N 011-33E, 39-46N 011-36E, 39-02N 010-17E, 39-04N 010-08E, 39-26N 009-38E.
2. CANCEL THIS MSG 301900Z SEP.

(171558Z SEP 2004)

1520/04 thru 1524/04. CANCELED.

1525/04(53,54). WESTERN MEDITERRANEAN SEA.

9.5 METER S/V WILD OATS, WHITE HULL WITH GREEN STRIPE, ONE PERSON ON BOARD, UNREPORTED MALLORCA, SPAIN TO SARDEGENA, ITALY. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC ROME, INMARSAT-C: 871 4247 44220, TELEX: 4361 1172, PHONE: 3906 5908 4527, FAX: 3906 5908 4793.

(181743Z SEP 2004)

1526/04(36). IRELAND-EAST COAST.

CHART 36060 (17TH ED).
ARKLOW LANBY 52-40N 005-58W LIGHT AND FOG SIGNAL UNRELIABLE.

(182057Z SEP 2004)

1527/04(23) ICE.

1. ICEBERGS SIGHTED IN:
 - A. 43-42.2S 026-37.0W AT 180800Z SEP.
 - B. 43 50.0S 025-30.0W AT 181120Z SEP.
2. CANCEL THIS MSG 25 SEP.

(182143Z SEP 2004)

SECTION III

NM 41/04

1528/04 and 1529/04. CANCELED.

1530/04(55). BLACK SEA.

1. GEOPHYSICAL OPERATIONS 20 SEP THRU 20 OCT BY
M/V ISKATEL TOWING TWO MILE LONG CABLE IN AREA BOUND BY
46-13.2N 031-09.2E, 45-18.0N 031-24.5E, 44-26.7N 031-38.7E
44-18.3N 031-49.0E, 44-53.2N 030-07.5E, 45-07.7N 030-01.5E
45-36.0N 029-57.0E, 45-58.2N 030-23.7E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 21 OCT.

(191308Z SEP 2004)

1531/04 thru 1535/04. CANCELED.

1536/04(53). SARDEGNA-NORTH COAST.

CHART 53120 (14TH ED).
PUNTA CODA SARDEGNA LIGHT 41-12.4N 009-21.8E UNLIT.

(201508Z SEP 2004)

1537/04(36). IRELAND-EAST COAST.

ODAS BUOY ESTABLISHED IN 53-35N 005-47W.

(201536Z SEP 2004)

1538/04(53). MEDITERRANEAN-SICILIA.

CHART 53242 (12TH ED).
ZAFFERANO CAPE LIGHTHOUSE 38-06.6N 013-32.5E UNLIT.

(201812Z SEP 2004)

1539/04. CANCELED.

1540/04(55). BLACK SEA. ORDNANCE.

1. MINE ADRIFT IN 44-13.9N 033-23.3E AT 201150Z SEP.
2. CANCEL THIS MSG 28 SEP.

(210819Z SEP 2004)

1541/04(24). SOUTH ATLANTIC.

1. DERELICT F/V DON SANTIAGO ADRIFT
VICINITY 37-30S 056-22W AT 211400Z SEP.
2. CANCEL THIS MSG 28 SEP.

(211622Z SEP 2004)

1542/04(24). SOUTH ATLANTIC. GUNNERY.

1. GUNNERY EXERCISES 242200Z TO 250800Z SEP
IN AREA BETWEEN 36-00S 36-20S AND 054-30W 055-00W.
2. CANCEL THIS MSG 250900Z SEP.

(211714Z SEP 2004)

1543/04. CANCELED.

1544/04(37). ENGLAND-EAST COAST.

SURVEY OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE
BY M/V BANGOR AND M/V GRIMSBY WITH SUBMERSIBLES ALONG
TRACKLINE BETWEEN 51-29.4N 000-52.6E AND 51-27.9N 000-15.5E.

(212107Z SEP 2004)

1545/04(24). SOUTH ATLANTIC.

1. CABLE LAYING OPERATIONS 210300Z TO 240300Z SEP BY
M/V OCEAN SURVEYOR ALONG TRACKLINE JOINING
11-07.8S 037-05.0W, 11-09.3S 036-59.6W,
11-12.7S 037-06.3W, 11-13.0S 037-00.4W.
FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 240400Z SEP.

(220522Z SEP 2004)

1546/04(24). BRAZIL-NORTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 250259Z SEP
BY M/V CGG ALIZE TOWING 8000 METER LONG CABLES
IN AREA BOUND BY 04-13.5N 049-23.1W, 04-27.2N 049-11.5W,
04-16.4N 049-59.0W, 04-03.0N 049-10.3W. SIX MILE BERTH REQUESTED.
2. CANCEL THIS MSG 250359Z SEP.

(220542Z SEP 2004)

1547/04(37). ENGLISH CHANNEL.

1. FISHING GEAR ADRIFT IN 49-53N 000-05E
AT 220315Z SEP.
2. CANCEL THIS MSG 29 SEP.

(220857Z SEP 2004)

SECTION III

1548/04(37). DOVER STRAIT.

CHART 37121 (11TH ED).

1. RUYTINGEN WEST LIGHTBUOY 51-07N 001-50E MISSING.
2. CANCEL HYDROLANT 1543/04.

(220933Z SEP 2004)

1549/04(GEN).

1. HYDROLANT MESSAGES IN FORCE 220800Z SEP 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.

2004 SERIES: 1337(51), 1382(43), 1385(37), 1389(53), 1400(51), 1402(52), 1404(52), 1416(24), 1425(24), 1429(57), 1430(51), 1434(24), 1437(37), 1438(53), 1450(37), 1454(35), 1468(52), 1470(55), 1474(36), 1475(53), 1476(52,53), 1503(24), 1504(37), 1505(37), 1506(53), 1507(55), 1510(54), 1512(51), 1513(56), 1514(53), 1515(53), 1516(53), 1517(53), 1518(53), 1519(52,53), 1522(24), 1525(53,54), 1526(36), 1527(23), 1530(55), 1533(54), 1536(53), 1537(36), 1538(53), 1540(55), 1541(24), 1542(24), 1544(37), 1545(24), 1546(24), 1547(37), 1548(37), 1549(GEN).

2. THE SUMMARY OF ALL HYDROLANT MESSAGES IN FORCE AS OF 11 DEC 2003 IS GIVEN IN SEC III OF NM 52/03. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 26/04.

3. CANCEL HYDROLANT 1298/04, 1303/04, 1446/04.

(221354Z SEP 2004)

1550/04(24). SOUTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS IN PROGRESS UNTIL 282100Z SEP WITHIN TWO MILES OF 02-17S 044-21W.

2. CANCEL THIS MSG 282200Z SEP.

(221534Z SEP 2004)

1551/04(53). SICILIA-EAST COAST. GUNNERY.

1. GUNNERY EXERCISES 231000Z TO 231600Z SEP IN AREA BETWEEN 37-11N 36-51N AND 015-25E 015-53E.
2. CANCEL HYDROLANTS 1517/04, 1536/04, AND 1538/04.
3. CANCEL THIS MSG 231700Z SEP.

(221744Z SEP 2004)

1552/04(54). ADRIATIC SEA.

1. CABLE REPAIR OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE BY M/V RENE DESCARTES IN AREA BOUND BY 41-03.1N 019.7E, 41-08.1N 019-23.7E, 41-11.0N 019-25.2E, 41-11.8N 019-22.5E, 41-09.6N 019-21.4E, 41-01.2N 019-06.0E.
2. CANCEL HYDROLANT 1533/04.

(221755Z SEP 2004)

1553/04(24). BRAZIL-SOUTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 280259Z SEP BY M/V CGG SYMPHONY TOWING EIGHT 6000 METER LONG CABLES IN AREA BETWEEN 25-25S 23-50S AND 041-10W 040-25W. FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 280359Z SEP.

(230453Z SEP 2004)

1554/04(53). TYRRHENIAN SEA.

1. 200 METER LONG FISHING NET ADRIFT VICINITY 38-55.2N 014-52.3E AT 221545Z SEP.
2. CANCEL THIS MSG 30 SEP.

(230813Z SEP 2004)

SECTION III**NAVAREA XII**

Messages in force 231100Z September 2004:

2004 series	186(17)	234(19)	243(18)	245(GEN)
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The summary of all NAVAREA XII messages in force as of 11 December 2003 is given in Section III of NM 52/03. Warnings issued during the subsequent quarters are issued in NM 13/04, 26/04 and 39/04.

NAVAREA XII WARNINGS issued from 161100Z to 231100Z September 2004.

243/04(18). EASTERN NORTH PACIFIC. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2359Z DAILY MONDAY THRU SUNDAY IN THE NAVAL AIR WARFARE CENTER SEA RANGE. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1400Z TO 2359Z AND 0001Z TO 0200Z DAILY MONDAY THRU FRIDAY. THE SEA RANGE IS BOUND AS FOLLOWS:

A. 34-02N 119-04W.	M. THENCE THREE NAUTICAL MILES FROM AND PARALLEL
B. 33-52N 119-06W.	TO THE SHORELINE.
C. 33-29N 119-07W.	N. 34-24N 120-30W.
D. 33-29N 118-37W.	O. 34-08N 120-26W.
E. 33-20N 118-37W.	P. 34-08N 119-40W.
F. 32-11N 120-16W.	Q. 34-00N 119-40W.
G. 31-54N 121-35W.	R. 34-06N 119-13W.
H. 35-09N 123-39W.	S. 34-06N 119-11W.
I. 35-29N 123-00W.	T. 34-07N 119-10W.
J. 35-04N 122-43W.	U. 34-07N 119-07W.
K. 35-57N 121-32W.	V. 34-04N 119-04W.
L. 34-59N 120-42W.	
2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT PLEAD CONTROL ON 5081.5 KHZ (5080 KHZ) OR 3238.5 KHZ (3237 KHZ) SECONDARY OR 156.8 MHZ (CH 16) OR 127.55 MHZ BEFORE ENTERING THE ABOVE BOUNDARIES AND MAINTAIN CONTINUOUS GUARD WHILE WITHIN THE RANGE.
3. VESSELS INBOUND AND OUTBOUND FOR SOUTHERN CALIFORNIA PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS DURING THE SPECIFIC PERIODS, AS WELL AS ENHANCE THE VESSEL'S SAFETY WHEN PASSING THROUGH THE VICINITY OF THE SEA RANGE. IF THEY WILL TRANSIT VIA THE SANTA BARBARA CHANNEL AND WITHIN NINE MILES OFFSHORE VICINITY OF POINT MUGU OR CROSS THE AREA SOUTHWEST OF SAN NICOLAS ISLAND BETWEEN SUNSET AND SUNRISE.
4. CANCEL NAVAREA XII 240/04.

(191346Z SEP 2004)

244/04. CANCELED.

245/04(GEN).

1. NAVAREA XII MESSAGES IN FORCE 220800Z SEP 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2004 SERIES: 234(19), 243(18), 244(16,96), 245(GEN).
2. THE SUMMARY OF ALL NAVAREA XII MESSAGES IN FORCE AS OF 11 DEC 2003 IS GIVEN IN SEC III OF NM 52/03. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 26/04.
3. CANCEL NAVAREA XII 226/04, 242/04.

(221358Z SEP 2004)

SECTION III HYDROBACS

Messages in force 231100Z September 2004:

2001 series	795(62)	1115(63)	1324(73)	1412(95)	1482(83)
1976(62)	801(61)	1122(63)	1326(63)	1413(95)	1490(63)
2002 series	840(63)	1123(63)	1328(22)	1414(95)	1491(63)
205(GEN)	890(71)	1124(74)	1331(29)	1415(95)	1492(63)
206(GEN)	891(71)	1138(75)	1334(74)	1416(95)	1493(63)
2003 series	904(63)	1151(63)	1341(73)	1417(95)	1495(74)
207(62)	932(22)	1152(63)	1343(62)	1427(22)	1497(75)
506(62)	948(96)	1153(63,71)	1346(81)	1434(93)	1498(83)
993(62)	967(74)	1155(63)	1349(63)	1449(61)	1499(83)
1041(71)	981(74)	1156(63)	1352(76)	1450(61)	1501(74)
1330(62)	988(63)	1157(75)	1355(63)	1451(93)	1505(63)
1395(62)	996(94,95)	1215(63)	1357(63)	1453(63)	1507(74)
1699(63)	1000(63)	1238(81,92)	1363(96)	1455(63)	1508(76)
1911(62)	1011(62)	1239(81,92)	1365(75)	1456(93)	1509(76)
1982(GEN)	1025(74)	1254(62)	1380(81)	1458(62)	1510(63)
2265(62)	1033(62)	1266(96)	1381(92)	1460(62)	1512(91)
2004 series	1049(61)	1271(63)	1383(74,82)	1461(63)	1514(62)
23(62)	1050(74)	1273(63)	1385(97)	1468(71)	1516(74)
278(63)	1052(74)	1281(93)	1390(63)	1469(83)	1518(63)
455(73)	1066(62)	1295(71)	1391(71)	1470(76)	1519(74)
694(62)	1076(74)	1305(63)	1399(71)	1471(75)	1522(62)
727(22)	1081(74)	1309(96)	1400(74)	1472(74)	
754(62)	1084(62)	1311(63)	1409(63)	1475(22)	
763(62)	1092(63)	1313(83)	1410(95)	1478(61)	
778(75)	1112(74)	1322(19)	1411(95)	1481(96)	

The summary of all HYDROBACS in force as of 11 December 2003 is given in Section III of NM 52/03.
Warnings issued during the subsequent quarters are issued in NM 13/04, 26/04 and 39/04.

HYDROBAC Warnings issued from 161100Z to 231100Z September 2004.

1487/04 thru 1489/04. CANCELED.

1490/04(63). INDIA-WEST COAST. ARABIAN SEA.

1. SEISMIC SURVEY 20 SEP THRU 20 JAN
BY M/V SAGAR SANDHANI TOWING TWO 6000
METER LONG CABLES IN AREAS BOUND BY:
A. 16-41.4N 072-19.4E, 16-43.9N 072-45.7E,
16-31.2N 072-30.8E, 16-28.7N 072-24.7E.
B. 16-56.2N 071-58.9E, 16-58.5N 072-04.8E,
16-51.6N 072-07.6E, 16-49.2N 072-01.7E.
FIVE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 21 JAN.

(171217Z SEP 2004)

1491/04(63). ARABIAN SEA. LACCADIVE ISLANDS.

CHART 63005 (18TH ED).
KAVARAT ISLAND LIGHT 10-33.8N 072-38.7E UNLIT.

(171228Z SEP 2004)

1492/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0330Z TO 1530Z
DAILY 21 AND 24 SEP IN AREA BOUND BY
09-57.6N 075-59.5E, 09-57.7N 076-14.2E,
09-40.0N 076-14.5E, 09-42.5N 076-09.5E.
2. CANCEL THIS MSG 241630Z SEP.

(171235Z SEP 2004)

1493/04(63). ANDAMAN SEA.

CHART 63380 (1ST ED).
DGPS STATION AT KEATING POINT LIGHT 09-15.4N 092-46.5E OFF AIR.

(171239Z SEP 2004)

1494/04. CANCELED.

1495/04(74). AUSTRALIA-NORTHWEST COAST.

SEISMIC SURVEY IN PROGRESS UNTIL FURTHER
NOTICE BY M/V PACIFIC SWORD TOWING THREE
MILE LONG CABLE IN AREA BETWEEN
13-25S 14-10S AND 128-25E 129-10E.
FOUR MILE BERTH REQUESTED.

(172246Z SEP 2004)

SECTION III

1496/04. CANCELED.

1497/04(75). AUSTRALIA-SOUTH COAST. BASS STRAIT.
SEISMIC SURVEY IN PROGRESS UNTIL FURTHER
NOTICE BY M/V MERMAID RAIDER VICINITY
39-51.7S 145-22.5E. 2.5 MILE BERTH REQUESTED.

(181614Z SEP 2004)

1498/04(83). SOUTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 21-02S 175-18W.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MARITIME OPERATIONS
NEW ZEALAND, INMARSAT-C: 4512 00067, PHONE: 644 914 8333,
FAX: 644 914 8334 OR TAUPO MARITIME RADIO.

(181949Z SEP 2004)

1499/04(83). SOUTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 20-53S 175-09W.
VESSELS IN VICINITY REQUESTED TO KEEP
SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MARITIME
OPERATIONS NEW ZEALAND, INMARSAT-C: 4512 00067,
PHONE: 644 914 8333, FAX: 644 914 8334 OR
TAUPO MARITIME RADIO.

(190926Z SEP 2004)

1500/04. CANCELED.

1501/04(74). AUSTRALIA-NORTHWEST COAST.

1. PIPELAYING OPERATIONS IN PROGRESS UNTIL FURTHER
NOTICE BY BARGE SEMAC 1 ALONG TRACKLINE BETWEEN
12-08.5S 130-09.0E AND 11-54.3S 129-23.0E.
2.5 MILE BERTH REQUESTED.
2. CANCEL HYDROPAC 817/04, SURVEY COMPLETED.
3. CANCEL HYDROPAC 1379/04.

(200913Z SEP 2004)

1502/04 thru 1504/04. CANCELED.

1505/04(63). INDIA-WEST COAST. ROCKETS.

1. HAZARDOUS OPERATIONS 1330Z TO 1700Z
DAILY 22 AND 23 SEP IN AREAS:
 - A. WITHIN FIVE MILES OF 08-31.9N 076-52.1E
BETWEEN 190 DEGREES AND 300 DEGREES FROM COAST.
 - B. WITHIN 75 MILES OF 08-31.9N 076-52.1E
BETWEEN 220 DEGREES AND 260 DEGREES FROM COAST.
2. CANCEL THIS MSG 231800Z SEP.

(201940Z SEP 2004)

1506/04. CANCELED.

1507/04(74). AUSTRALIA-NORTHWEST COAST.

- CHART 74480 (2ND ED).
1. RACON AT BEDOUT ISLAND LIGHT 19-35.4S 119-06.0E TEMPORARILY DISCONTINUED.
 2. CANCEL HYDROPAC 1506/04.

(210939Z SEP 2004)

1508/04(76). SOUTH PACIFIC..

1. SUBMARINE RESEARCH OPERATIONS BY SUBMERSIBLE
SHINKAI 6500 DURING DAYLIGHT HOURS 26 SEP
THRU 10 NOV IN AREAS BETWEEN:
 - A. 21-30S 23-00S AND 177-30W 177-00E.
 - B. 34-30S 37-00S AND 177-00E 179-30E.
2. CANCEL THIS MSG 11 NOV.

(211112Z SEP 2004)

1509/04(76). SOUTH PACIFIC.

1. SURVEY OPERATIONS 26 SEP THRU 10 NOV
BY M/V YOKOSUKA IN AREA BETWEEN
21-30S 37-00S AND 177-00E 176-00W.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 11 NOV.

(211125Z SEP 2004)

1510/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 240001Z TO 240530Z SEP IN AREA BETWEEN
14-11.0N 13-51.0N AND 074-27.8E 074-04.5E.
2. CANCEL THIS MSG 240630Z SEP.

(211223Z SEP 2004)

SECTION III

NM 41/04

1511/04. CANCELED.

1512/04(91). SOUTH CHINA SEA.

1. CABLE REPAIR OPERATIONS 25 THRU 30 SEP,
ALTERNATE 01 THRU 06 OCT BY CABLESHIP
KDD OCEAN LINK IN AREA BOUND BY
14-59.3N 119-40.6E, 14-58.7N 119-35.1E,
15-19.9N 119-32.4E, 15-20.5N 119-38.0E.
2. CANCEL THIS MSG 07 OCT.

(211749Z SEP 2004)

1513/04. CANCELED.

1514/04(62). PERSIAN GULF.

DISTRESS SIGNAL RECEIVED ON 8414.5 KHZ
IN 25-06N 054-52E AT 211000Z SEP.
VESSELS IN VICINITY REQUESTED TO KEEP
A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO ANY COASTAL RADIO STATION.

(212221Z SEP 2004)

1515/04. CANCELED.

1516/04(74). AUSTRALIA-NORTHEAST COAST.

CHART 74271 (9TH ED).

1. BUOY 13-54.0S 144-17.2E OFF STATION.
2. CANCEL HYDROPAC 1515/04.

(220755Z SEP 2004)

1517/04. CANCELED.

1518/04(GEN).

1. HYDROPAC MESSAGES IN FORCE 220800Z SEP 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2004 SERIES: 1309(96), 1311(63), 1313(83), 1322(19), 1324(73),
1326(63), 1328(22), 1331(29), 1334(74), 1341(73), 1343(62),
1346(81), 1349(63), 1352(76), 1355(63), 1357(63), 1363(96),
1365(75), 1380(81), 1381(92), 1383(74,82), 1385(97),
1390(63), 1391(71), 1399(71), 1400(74), 1409(63), 1410(95),
1411(95), 1412(95), 1413(95), 1414(95), 1415(95), 1416(95),
1417(95), 1427(22), 1434(93), 1449(61), 1450(61), 1451(93),
1453(63), 1455(63), 1456(93), 1458(62), 1460(62), 1461(63),
1468(71), 1469(83), 1470(76), 1471(75), 1472(74), 1475(22),
1478(61), 1479(62), 1481(96), 1482(83), 1490(63), 1491(63),
1492(63), 1493(63), 1495(74), 1497(75), 1498(83), 1499(83),
1501(74), 1503(63), 1504(74), 1505(63), 1507(74), 1508(76),
1509(76), 1510(63), 1512(91), 1514(62), 1516(74), 1517(63),
1518(GEN).
2. THE SUMMARY OF ALL HYDROPAC MESSAGES IN FORCE AS OF 11 DEC 2003 IS GIVEN IN SEC III OF NM 52/03. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 26/04.
3. CANCEL HYDROPAC 1272/04, 1286/04, 1289/04, 1293/04, 1485/04.

(221400Z SEP 2004)

1519/04(74). SOUTH PACIFIC. AUSTRALIA-EAST COAST.

1. DERELICT 13 METER PARTIALLY SUBMERGED VESSEL ADRIFT VICINITY 21-31S 149-43E AT 220145Z SEP.
2. CANCEL THIS MSG 29 SEP.

(221826Z SEP 2004)

1520/04 and 1521/04. CANCELED.

1522/04(62). GULF OF SUEZ.

1. SEISMIC SURVEY IN PROGRESS UNTIL 20 OCT
BY M/V ECOLFIUMICINO IN 28-30.37N 033-04.84E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 21 OCT.

(230940Z SEP 2004)

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 Information website (http://164.214.12.145/warn/warn_j_query.html), by referring to Section I (paragraph 50) of US Notice to Mariners 1/04 for those in-force as of 18 December 2003, or by contacting the Maritime Administration Office of Ship Operations, Code MAR-613, Room

SECTION III

2123, 400 Seventh Street S.W., Washington DC 20590, Telephone (202) 366-5735, FAX (202) 366-3954, TLX II 710-822-9426
(MARAD DOT WSH).

MARAD ADVISORIES in force 23 September 2004: 00-7, 01-7, 02-2, 02-5, 02-7 and 03-4.

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 Information website (http://164.214.12.145/warn/warn_j_query.html) or by referring to Section I (paragraph 7) of US Notice to Mariners 1/04 for those in-force as of 18 December 2003.

SPECIAL WARNINGS in force 23 September 2004: 1, 29, 77, 81, 82, 89, 92, 95, 107, 108, 111, 113, 114, 115, 116, 117, 118, 119, 120 and 121.

MARINE INFORMATION

UNITED STATES OF AMERICA NOTICE TO MARINERS CHANGE IN DISTRIBUTION

The National Geospatial-Intelligence Agency (NGA) is in the midst of a hard copy to digital transition program. NGA has statutory requirements to produce and make available safety of navigation data and will continue to meet this obligation to the mariner. The weekly Notice to Mariners is available free of charge to all customers through the Internet on our website. Beginning with Notice to Mariners No. 1, 2005 NGA will no longer print and distribute hard copy versions of this weekly product.

The digital version of the weekly Notice to Mariners is available on the Maritime Safety Information website at <http://pollux.nss.nga.mil/> or through the NGA home page (www.nga.mil). All of the information and data contained in the hard copy Notice is also available on this website. Customers can rely on the same quality of data that the Notice to Mariners provides to the civil and military mariner with the advantages afforded by the Internet. Customers can access daily navigational safety updates and not be hampered by weekly mail deliveries of the hard copy Notice.

NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY

NOAA recognizes two paper nautical chart products:

- the Charts-on-Demand 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 Charts-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. For questions, contact NOAA at help@nauticalcharts.gov or call 301-713-1773 x105. Dates of Latest Edition for both charts are listed at <http://nauticalcharts.noaa.gov>.

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

11411	15 th Ed. Sep 2004 NEW EDITION FL-TAMPA BAY TO PORT RICHEY (New edition due to numerous Notice to Mariners changes.)	NAD 83	(NOS Silver Spring, MD) 1:40,000
13211	14 th Ed. Sep 2004 NEW EDITION CT-NORTH SHORE OF LONG ISLAND SOUND (New edition due to numerous Notice to Mariners and change in format.)	NAD 83	NOS Silver Spring, MD 1:20,000
13323	8 th Ed. Sep 2004 NEW EDITION ME-BAR HARBOR-MOUNT DESERT ISLAND (New edition due to change in format.)	NAD 83	(NOS Silver Spring, MD) 1:10,000
16123	8 th Ed. Sep 2004 NEW EDITION AK-ARCTIC COAST-POINT HOPE TO CAPE DYER (New edition due to change in format.)	NAD 83	(NOS Silver Spring, MD) 1:50,000
16599	7 th Ed. Sep 2004 NEW EDITION AK-SOUTH COAST-KODIAK ISLAND BAYS AND ANCHORAGE (New edition due to new hydrography and change in format.)	NAD 83	(NOS Silver Spring, MD) 1:20,000
16701	20 th Ed. Sep 2004 NEW EDITION AK-SOUTH COAST-PRINCE WILLIAM SOUND-WESTERN ENTRANCE (New edition due to new hydrography.)	NAD 83	(NOS Silver Spring, MD) 1:81,436
16707	11 th Ed. Sep 2004 NEW EDITION AK-PRINCE WILLIAM SOUND-VALDEZ ARM AND PORT VALDEZ INSETS: Valdez Narrows Valdez and Valdez Marine Terminal (New edition due to numerous Notice to Mariners and various general changes.)	NAD 83	(NOS Silver Spring, MD) 1:40,000 1:20,000 1:10,000

18659	15 th Ed. Sep 2004 NEW EDITION CA-SUISUN BAY-MALLARD ISLAND TO ANTIOCH (New edition due to numerous Notice to Mariner changes.)	NAD 83	(NOS Silver Spring, MD) 1:80,000/LORAN-C
18757	11 th Ed. Sep 2004 NEW EDITION CA-SANTA CATALINA ISLAND (New edition due to numerous Notice to Mariner changes and change in format.)	NAD 83	(NOS Silver Spring, MD) 1:40,000

**NEW TRAFFIC SEPARATION SCHEMES AND
ASSOCIATED ROUTEING MEASURES**

NEW TRAFFIC SEPARATION SCHEME OFF RA'S AL KUH

Affected NGA Charts: 62392, 62360, 62361, 62510, 62512, 62480, 62032, 62033, 62028

Affected DNC Libraries: COA10L

Positions are listed in World Geodetic System 1984 Datum (WGS 84)

The new traffic separation scheme (TSS) off Ra's al Kuh consists of:

- Two traffic lanes 2 miles wide;
- One intermediate traffic separation zone 2 miles wide;
- One associated inshore zone.

The direction of the navigation is:

- TSS inner traffic lane: 320°(T) inbound course and 330°(T) outbound course towards the Strait of Hormuz; and
- TSS outer traffic lane: 150°(T) inbound and 140°(T) outbound course towards the Gulf of Oman.

Description of the new traffic separation scheme off Ra's al Kuh:

(a) Outer traffic separation line bounded by a line connecting the following geographical positions:

- (1) 25° 45.50' N 057° 03.30' E
- (2) 25° 39.60' N 057° 07.10' E
- (3) 25° 34.05' N 057° 12.00' E

(b) Traffic separation zone bounded by a line connecting the following geographical positions:

- (4) 25° 47.50' N 057° 07.20' E
- (5) 25° 42.25' N 057° 10.55' E
- (6) 25° 36.65' N 057° 15.55' E
- (7) 25° 35.30' N 057° 13.80' E
- (8) 25° 40.90' N 057° 08.80' E
- (9) 25° 46.50' N 057° 05.30' E

(c) The limits of the inshore traffic zone along the coastline lies between the following geographical positions:

- (10) 25° 48.45' N 057° 09.15' E
- (11) 25° 43.55' N 057° 12.25' E
- (12) 25° 39.30' N 057° 19.10' E
- (13) 25° 52.50' N 057° 17.30' E
- (14) 25° 45.30' N 057° 26.70' E

(d) An outer traffic lane for southeast-bound shipping established between the separation zones described in (a) and (b).

(e) An inner traffic lane for northwest-bound shipping established between the traffic separation zone described in (b) and the associated inshore traffic zone described in (c).

NEW TRAFFIC SEPARATION SCHEME FOR THE APPROACHES TO THE PORT OF RA'S AL KHAFJI

Affected NGA Charts: 62448, 62451, 62580, 62560, 62570, 62540, 62541, 62490, 62032, 62033

Affected DNC Libraries: H1048346, A1048346, COA10N

Positions are listed in World Geodetic System 1984 Datum (WGS 84)

The new traffic separation scheme for the Ra's Al Khafji approaches will consist of:

- Two traffic lanes and one traffic separation zone between them.

The direction of navigation will be:

- inbound traffic lane, 270°(T) from the seaward limit of the scheme to the turning point 5 miles NNW of the Umm al Gharabi shoal, thence 210°(T) to the southern limit of the scheme immediately north of the tanker anchorage;
- outbound traffic lane, 030°(T) as far as the turning point 3.5 miles NNW of the Umm al Gharabi shoal, thence between 090°(T) and 093°(T) to the seaward limit of the scheme.

Description of the new traffic separation scheme for Ra's Al Khafji approaches:

(a) A separation zone bounded by a line connecting the following geographical positions:

- (1) 28° 38' 24" N 049° 07' 00" E
- (2) 28° 38' 24" N 048° 45' 50" E
- (3) 28° 30' 18" N 048° 40' 40" E
- (4) 28° 30' 04" N 048° 41' 07" E
- (5) 28° 38' 12" N 048° 46' 18" E
- (6) 28° 38' 12" N 049° 07' 00" E

(b) A traffic lane for inbound traffic between the separation zone and the following geographical positions:

- (7) 28° 39' 24" N 049° 07' 00" E
- (8) 28° 39' 24" N 048° 45' 02" E
- (9) 28° 30' 49" N 048° 39' 35" E

(c) A traffic lane for outbound traffic between the separation zone and the following geographical positions:

- (10) 28° 29' 36" N 048° 42' 03" E
- (11) 28° 37' 10" N 048° 46' 54" E
- (12) 28° 36' 06" N 049° 07' 00" E

**NEW TRAFFIC SEPARATION SCHEMES IN THE ADRIATIC SEA
IN THE NORTH ADRIATIC SEA – EASTERN PART**

Affected NGA Charts: 54180, 54140, 54115, 54125

Affected NGA Libraries: COA09C

Positions are listed in World Geodetic System 1984 Datum (WGS 84)

Description of the traffic separation scheme

1. A separation zone is bounded by a line connecting the following geographical positions:

- | | |
|--------------------------------|--------------------------------|
| (a) 44° 05.90' N 014° 03.97' E | (c) 44° 55.30' N 013° 21.17' E |
| (b) 44° 06.70' N 014° 05.77' E | (d) 44° 54.80' N 013° 19.57' E |

2. A traffic lane for northbound traffic is established between the separation zone and a line connecting the following geographical positions:

- | | |
|--------------------------------|--------------------------------|
| (a) 44° 08.20' N 014° 08.77' E | (b) 44° 56.90' N 013° 24.67' E |
|--------------------------------|--------------------------------|

3. A traffic lane for southbound traffic is established between the separation zone and a line connecting the following geographical positions:

- | | |
|--------------------------------|--------------------------------|
| (a) 44° 04.40' N 014° 00.97' E | (b) 44° 53.20' N 013° 16.17' E |
|--------------------------------|--------------------------------|

The established directions of traffic flow are: 327°-147°

IN THE NORTH ADRIATIC SEA – WESTERN PART

Affected NGA Charts: 54180, 54140, 54120, 54115, 54125, 54131

Affected DNC Libraries: COA09C

Positions are listed in World Geodetic System 1984 Datum (WGS 84)

Description of the traffic separation scheme

1. A separation zone is bounded by a line connecting the following geographical positions:

- | | |
|--------------------------------|--------------------------------|
| (a) 43° 58.30' N 013° 52.47' E | (d) 44° 44.50' N 012° 55.67' E |
| (b) 44° 00.80' N 013° 54.97' E | (e) 44° 43.80' N 012° 53.50' E |
| (c) 44° 28.00' N 013° 06.77' E | (f) 44° 26.00' N 013° 03.47' E |

2. A traffic lane for northbound traffic is established between the separation zone and a line connecting the following geographical positions:

- | | |
|--------------------------------|--------------------------------|
| (a) 44° 02.80' N 013° 57.37' E | (c) 44° 45.40' N 012° 59.40' E |
| (b) 44° 30.50' N 013° 08.47' E | |

3. A traffic lane for southbound traffic is established between the separation zone and a line connecting the following geo-

graphical positions:

- | | |
|--------------------------------|--------------------------------|
| (a) 43° 55.80' N 013° 49.97' E | (c) 44° 43.10' N 012° 50.20' E |
| (b) 44° 23.50' N 013° 00.97' E | |

The established directions of traffic flow are: 308° - 128°
336° - 159°

PRECAUTIONARY AREA AT THE SOUTHERN LIMITS OF THE TRAFFIC SEPARATION SCHEME

Description of the precautionary area

Precautionary area is established by a line connecting the following geographical position:

- | | |
|--------------------------------|--------------------------------|
| (a) 43° 49.65' N 014° 01.18' E | (f) 44° 04.40' N 014° 00.97' E |
| (b) 43° 59.85' N 014° 16.61' E | (g) 44° 02.80' N 013° 57.37' E |
| (c) 44° 08.20' N 014° 08.77' E | (h) 43° 58.30' N 013° 52.47' E |
| (d) 44° 06.70' N 014° 05.77' E | (i) 44° 00.80' N 013° 54.97' E |
| (e) 44° 05.90' N 014° 03.97' E | (j) 43° 55.80' N 013° 49.97' E |

APPROACHES TO GULF OF TRIESTE

Affected NGA Charts: 54169, 54125, 54131

Affected DNC Libraries: A0940820, COA09C

Positions are listed in World Geodetic System 1984 Datum (WGS 84)

Description of the traffic separation scheme

1. A separation zone is bounded by a line connecting the following geographical positions:

- | | |
|--------------------------------|--------------------------------|
| (a) 45° 08.60' N 013° 06.47' E | (c) 45° 23.20' N 013° 06.47' E |
| (b) 45° 09.40' N 013° 10.97' E | (d) 45° 21.50' N 013° 02.57' E |

2. A traffic lane for northbound traffic is established between the separation zone and a line connecting the following geographical positions:

- | | |
|--------------------------------|--------------------------------|
| (a) 45° 10.50' N 013° 17.17' E | (b) 45° 22.50' N 013° 13.27' E |
|--------------------------------|--------------------------------|

3. A traffic lane for southbound traffic is established between the separation zone and a line connecting the following geographical positions:

- | | |
|--------------------------------|--------------------------------|
| (a) 45° 07.50' N 013° 00.37' E | (b) 45° 19.00' N 012° 56.87' E |
|--------------------------------|--------------------------------|

The established directions of traffic flow are: 347° - 167°

APPROACHES TO GULF OF VENICE

Affected NGA Charts: 54161, 54140, 54125, 54131

Affected DNC Libraries: A0940760, COA09C

Positions are listed in World Geodetic System 1984 Datum (WGS 84)

Description of the traffic separation scheme

1. A separation zone is bounded by a line connecting the following geographical positions:

- | | |
|--------------------------------|-------------------------------|
| (a) 44° 55.30' N 012° 43.97' E | (c) 45° 12.70' N 012° 35.97 E |
| (b) 44° 56.80' N 012° 47.97' E | (d) 45° 11.30' N 012° 31.97 E |

2. A traffic lane for northbound traffic is established between the separation zone and a line connecting the following geographical positions:

- | | |
|---------------------------------|-------------------------------|
| (a) 44° 57. 50' N 012° 50.47' E | (b) 45° 13.60' N 012° 38.77 E |
|---------------------------------|-------------------------------|

3. A traffic lane for southbound traffic is established between the separation zone and a line connecting the following geographical positions:

- | | |
|--------------------------------|-------------------------------|
| (a) 44° 54.20' N 012° 41.47' E | (b) 45° 10.40' N 012° 29.47 E |
|--------------------------------|-------------------------------|

The established directions of traffic flow are: 333° - 153°

SECTION III

NM 41/04

IN THE GULF OF TRIESTE

Affected NGA Charts: 54169, 54125, 54131
Affected DNC Libraries: A0940820, COA09C

Positions are listed in World Geodetic System 1984 Datum (WGS 84)

Description of the traffic separation scheme

1. A separation zone is bounded by a line connecting the following geographical positions:
(a) $45^{\circ} 31.34' N$ $013^{\circ} 20.90' E$ (c) $45^{\circ} 36.97' N$ $013^{\circ} 32.83' E$
(b) $45^{\circ} 35.48' N$ $013^{\circ} 32.62' E$ (d) $45^{\circ} 32.84' N$ $013^{\circ} 20.00' E$
 2. A traffic lane for north-east-bound traffic is established between the separation zone and a line connecting the following geographical positions:
(a) $45^{\circ} 29.30' N$ $013^{\circ} 22.10' E$ (b) $45^{\circ} 34.24' N$ $013^{\circ} 32.20' E$
 3. A traffic lane for south-west-bound traffic is established between the separation zone and a line connecting the following geographical positions:
(a) $45^{\circ} 34.74' N$ $013^{\circ} 18.90' E$ (b) $45^{\circ} 38.74' N$ $013^{\circ} 32.80' E$

The established directions of traffic flow are: 058° - 248°

APPROACHES TO/FROM KOPER

Affected NGA Charts: 54168, 54169, 54125, 54131

Affected DNC Libraries: H0940820, A0940820, COA09C

Positions are listed in World Geodetic System 1984 Datum (WGS 84)

Description of the traffic separation scheme

1. A separation zone is bounded by a line connecting the following geographical positions:
(a) $45^{\circ} 35.24' N$ $013^{\circ} 35.00' E$ (c) $45^{\circ} 36.44' N$ $013^{\circ} 37.50' E$
(b) $45^{\circ} 35.04' N$ $013^{\circ} 39.50' E$
 2. A traffic lane for eastbound traffic is established between the separation zone and a line connecting the following geographical positions:
(a) $45^{\circ} 34.24' N$ $013^{\circ} 35.00' E$ (b) $45^{\circ} 33.94' N$ $013^{\circ} 39.40' E$
 3. A traffic lane for northwestbound traffic is established between the separation zone as defined in Paragraph 21 and a separation zone connecting the following geographical positions:
(a) $45^{\circ} 36.34' N$ $013^{\circ} 39.70' E$ (c) $45^{\circ} 36.34 N$ $013^{\circ} 41.80' E$
(b) $45^{\circ} 35.44' N$ $013^{\circ} 41.00' E$

The established directions of traffic flow are: $094^\circ - 315^\circ$

APPROACHES TO/FROM MONFALCONE

Affected NGA Charts: 54168, 54169, 54125, 54131

Affected DNC Libraries: H0940820, A0940820, COA09C

Positions are listed in World Geodetic System 1984 Datum (WGS 84)

1. A separation zone is bounded by a line connecting the following geographical positions:
(a) $45^{\circ} 40.34' N$ $013^{\circ} 38.00' E$ (c) $45^{\circ} 42.74' N$ $013^{\circ} 37.30' E$
(b) $45^{\circ} 40.34' N$ $013^{\circ} 37.30' E$ (d) $45^{\circ} 42.74' N$ $013^{\circ} 38.00' E$
 2. A traffic lane for northbound traffic is established between the separation zone and a line connecting the following geographical positions:
(a) $45^{\circ} 40.34' N$ $013^{\circ} 38.65' E$ (b) $45^{\circ} 42.74' N$ $013^{\circ} 38.65' E$
 3. A traffic lane for southbound traffic is established between the separation zone and a line connecting the following geographical positions:
(a) $45^{\circ} 42.74' N$ $013^{\circ} 36.50' E$ (b) $45^{\circ} 40.34' N$ $013^{\circ} 36.50' E$

The established directions of traffic flow are: 000° , 180°

PRECAUTIONARY AREA IN THE GULF OF TRIESTE

Affected NGA Charts: 54168, 54169, 54125, 54131
 Affected DNC Libraries: H0940820, A0940820, COA09C

Positions are listed in World Geodetic System 1984 Datum (WGS 84)

Description of the precautionary area

A precautionary area is established by a line connecting the following geographical positions:

- | | |
|--------------------------------|--------------------------------|
| (a) 45° 34.24' N 013° 32.20' E | (e) 45° 36.44' N 013° 37.50' E |
| (b) 45° 35.48' N 013° 32.62' E | (f) 45° 35.24' N 013° 35.00' E |
| (c) 45° 36.97' N 013° 32.83' E | (g) 45° 34.24' N 013° 35.00' E |
| (d) 45° 38.74' N 013° 32.80' E | |

AREA TO BE AVOIDED IN THE NORTH ADRIATIC SEA

Affected NGA Charts: 54140, 54115, 54125, 54180, 54131
 Affected DNC Libraries: COA09C

Positions are listed in World Geodetic System 1984 Datum (WGS 84)

Description of the area to be avoided

In order to avoid the risk of pollution due to damage of oil rigs, oil and gas pipelines in this area the area described below should be avoided by ships of more than 200 gross tonnage. The area to be avoided is bounded by a line connecting the following geographical positions:

- | | |
|--------------------------------|--------------------------------|
| (a) 44° 13.50' N 013° 38.67' E | (e) 44° 41.90' N 013° 24.97' E |
| (b) 44° 17.00' N 013° 43.77' E | (f) 44° 52.00' N 013° 17.07' E |
| (c) 44° 25.30' N 013° 37.47' E | (g) 44° 52.00' N 013° 05.77' E |
| (d) 44° 34.50' N 013° 25.47' E | (h) 44° 30.50' N 013° 08.47' E |

OTHER ROUTEING MEASURES**RECOMMENDED DIRECTIONS OF TRAFFIC FLOW IN THE CHANNEL OF TORANTO, SOUTHERN AND CENTRAL ADRIATIC SEA**

Positions are listed in World Geodetic System 1984 Datum (WGS 84)

Description of the recommended directions of traffic flow

1. Recommended directions of traffic flow, which should remain as in the present, are established between the parallels of latitudes:

- | | |
|------------------|------------------|
| (a) 40° 25.00' N | (b) 43° 10.01' N |
|------------------|------------------|

2. Recommended directions of traffic flow, which should be in accordance with the description as per chart in appendix 1 of document NAV 49/3/7, are established between the parallel of latitude:

- | |
|------------------|
| (a) 43° 10.01' N |
|------------------|

and the precautionary area at the southern limits of the traffic separation scheme.

MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

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

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

Ship/Organization: name of vessel or organization.

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

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

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

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

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

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

Include details about the equipment used, if deemed pertinent.

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

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

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

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

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

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

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

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

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

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

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

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

MARINE INFORMATION REPORT AND SUGGESTION SHEET

Observer _____ Ship/Organization _____

Address _____

Email address

Date of Observation _____ Time of Observation (Local)_____

Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

Product(s) Affected _____ Edition _____

Latest correction applied: N.M. _____

Sounding sensor or method used

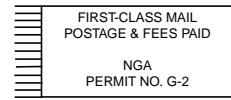
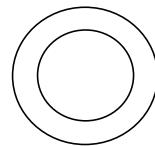
Sounding(s) corrected for draft: Yes No

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

User Feedback (continue on additional sheets as necessary)



**MARITIME SAFETY INFORMATION DIVISION
ST D44
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY
4600 SANGAMORE ROAD
BETHESDA MD 20816-5003**



ARCTIC MARITIME SAFETY INFORMATION REPORT SHEET

Observer _____

Ship/Organization _____

Phone _____ Email Address_____

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

Is hazard remotely monitored? Yes _____ No _____

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

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

Date of Insertion _____ Latitude _____ Longitude _____

Date of Expected Removal _____

Most Recent Observation: Date _____ Time (Local) _____

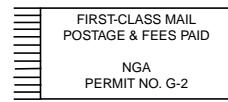
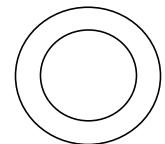
Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

Sounding sensor or method used _____

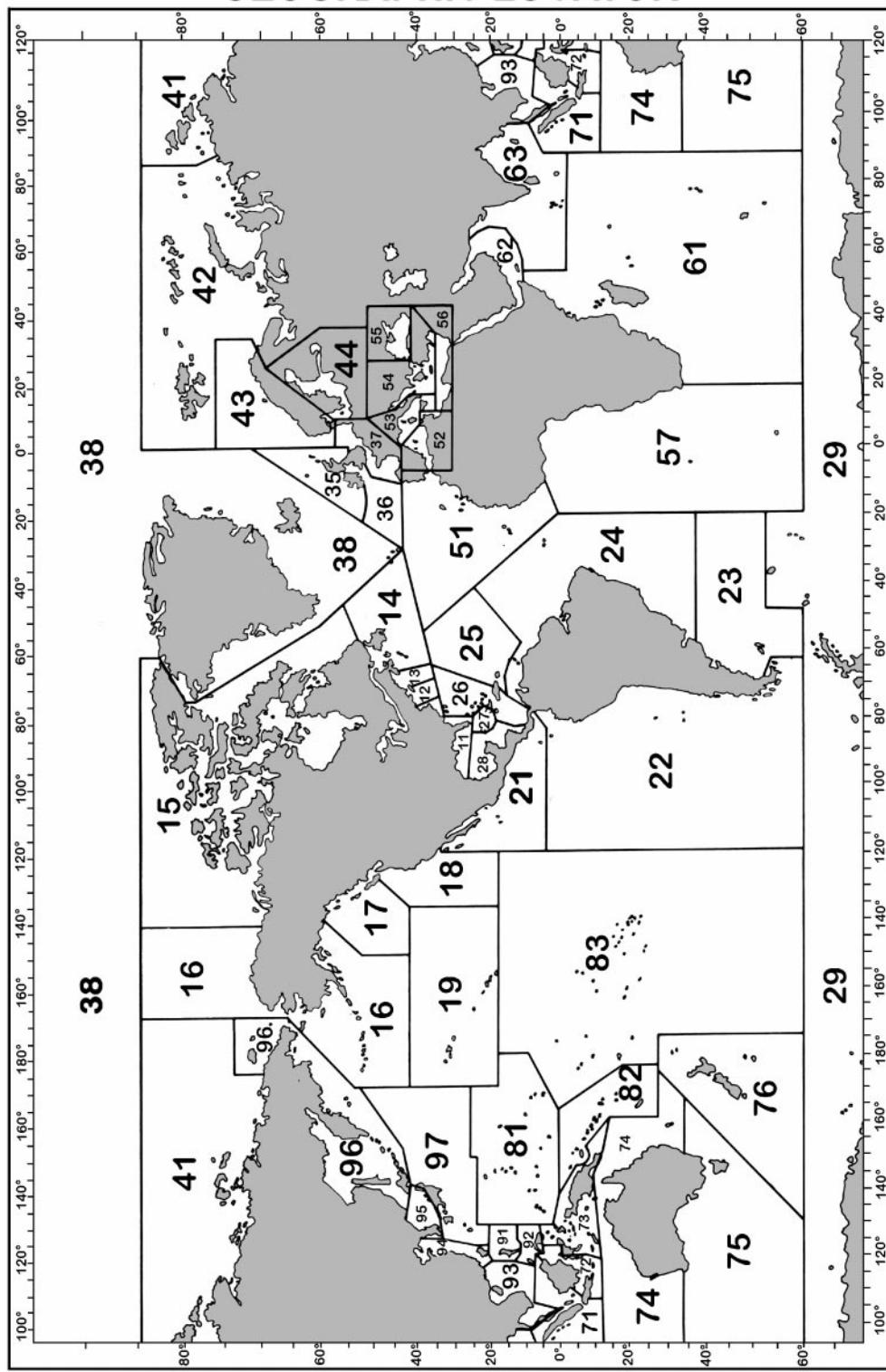
Sounding(s) corrected for draft: Yes _____ No _____

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



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GEOGRAPHIC LOCATOR



For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NGA Catalog of Maps, Charts, and Related Products, Part 2-Hydrographic Products, Volume 1. 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.

AFTER 5 DAYS RETURN TO

DEFENSE SUPPLY CENTER RICHMOND

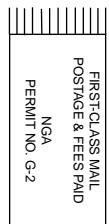
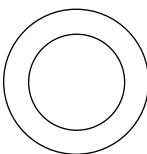
ATTN: JNAH

8000 JEFFERSON DAVIS HIGHWAY
RICHMOND, VIRGINIA 23297-5338

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FIRST CLASS



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NAVIGATIONAL INFORMATION
TIME-DATED**



**NOTICE TO
MARINERS**

PLEASE EXPEDITE DELIVERY