



No. 38



18 SEPTEMBER 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/>**



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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: LCVP-Officially designated as a Landing Craft, Vehicles and Personnel, this small craft was more commonly known by the name of its inventor, New Orleans businessman Andrew Jackson Higgins. A modification of Higgins' Eureka workboat, the **LCVP** was highly maneuverable and ideal for landing troops and supplies on beaches. Higgins Industries, along with other companies licensed to reproduce the design, built over 20,000 **LCVPs** during the course of the war. This landing craft was important not only to the Normandy landings on D-Day, but also to Pacific Theatre operations on Guadalcanal, Tarawa, Iwo Jima and Okinawa. The **LCVP** could land a platoon of 36 men with their equipment, extract itself quickly, turn around without broaching in the surf, and return to get more troops and/or supplies. The Higgins boats landed more Allied troops during WWII than all other types of landing craft combined. As our nation marks the 40th anniversary of D-Day, we salute Andrew Jackson Higgins' influence on amphibious warfare and his contribution toward the Allied victory in World War II.

INFORMATION
OF
SPECIAL INTEREST
OR
IMPORTANCE
TO
MARINERS

NM 38/04

HYDROGRAM

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

SPECIAL
ANNOUNCEMENTS

NEW PRODUCTS
OR SERVICES

IMPORTANT
CHANGES

18 September 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.

NEW EDITION OF SAILING DIRECTIONS

PUB. 147, SAILING DIRECTIONS (ENROUTE) CARIBBEAN SEA, VOLUME 1, EIGHTH EDITION, 2004, IS READY FOR ISSUE. THIS EDITION IS PRODUCED BY NGA IN DIGITAL FORMAT ONLY. SEE SECTIONS II AND III.

NEW EDITION OF LIST OF LIGHTS

PUB. 115, 2004 EDITION, LIST OF LIGHTS, RADIO AIDS AND FOG SIGNALS FOR NORWAY, ICELAND AND ARCTIC OCEAN, IS READY FOR ISSUE. SEE SECTIONS II AND III.

NEW EDITION OF COAST PILOT

U.S. COAST PILOT 9, ALASKA: CAPE SPENCER TO BEAUFORT SEA, TWENTY-SECOND EDITION, 2004, IS READY FOR ISSUE. SEE SECTIONS II AND 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 N 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**

NM 38/04

401 (INT 401) 5Ed. 6/15/91 LAST NM 37/04 38/04 Add Wreck [K29] (PA) 24°53'N 83°04'W (NOS)	Depth 5 feet Obstn [K41] 27°44'04.1"N 97°16'33.3"W (30/04 CG8; US CH 11309)
411 49Ed. 3/03 LAST NM 37/04 38/04 Change Light to Fl(6) 15s 22M (Priv) 29°05'N 80°56'W Add Wreck [K29] (PA) 24°53'N 83°04'W (NOS; 28/04 CG7)	★11322 28Ed. 3/03 LAST NM 27/04 38/04 (Side B) Add Tabulation of controlling depths from Subsection I-2 (NOS)
1113A Ed. 3/03 LAST NM 36/04 38/04 Substitute Wreck [K29] (PA) for dangerous wreck 24°53.1'N 83°03.7'W Change Visibility (range) of light "1" to 6M 27°06.8'N 82°28.2'W Add Stranded wreck [K24] (PA) 25°57.0'N 81°51.0'W Stranded wreck [K24] (PA) 26°55.4'N 82°27.1'W (NOS; 28, 29/04 CG7)	11323 60Ed. 9/03 LAST NM 37/04 38/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)
1116A Ed. 6/03 LAST NM 37/04 38/04 Delete Wreck 28°32.0'N 90°59.2'W Danger circle "(Wk rep destroyed)" 28°31.8'N 90°58.9'W Relocate Superbuoy ODAS "42041" from 27°30.0'N 90°28.0'W to 27°30.2'N 90°27.7'W Substitute Platform [L10] for submerged well (cov 10fms) 29°04.4'N 93°26.2'W (See 14/04-1116A) Add Dangerous wreck [K28] (PA) 29°11.4'N 92°07.2'W (29, 30/04 CG8)	★11324 33Ed. 9/03 LAST NM 37/04 38/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)
11006 31Ed. 9/03 LAST NM 36/04 38/04 Substitute Wreck [K29] (PA) for dangerous wreck 27°35.3'N 84°12.1'W Wreck [K29] (PA) for dangerous wreck 26°20.3'N 82°40.4'W Depth 8 fathoms Wk [K26] for 6 fathoms Wk 30°10.8'N 87°17.7'W Add Wreck [K29] (PA) 24°53.1'N 83°03.7'W (NOS)	11326 32Ed. 11/03 LAST NM 37/04 38/04 (Page A) Delete Buoy "79" 29°37'32"N 94°57'40"W (Page A, Inset 1) Delete Range lights (2) and range line between 29°42'12.4"N 95°01'14.7"W 29°43'06.7"N 95°01'14.3"W Add Range light, front QR 29°42'18.9"N 95°01'16.1"W Range light, rear Iso R 6s 29°42'12.4"N 95°01'16.1"W Range line extending in 000° direction from above rear light dashed for 1150 yards, thence solid for 675 yards (Page B, Inset 3) Delete Buoy "47A" 29°29'10.0"N 94°51'47.5"W (Page C) Delete Buoy "47A" 29°29'09"N 94°51'48"W (29/04 CG8)
11009 36Ed. 10/20/01 LAST NM 37/04 38/04 Change Light to Fl(6) 15s 159ft 22M (Priv) 29°04.8'N 80°55.7'W (28/04 CG7)	★11327 31Ed. 8/03 LAST NM 34/04 38/04 Delete Buoy "47A" 29°29'09.1"N 94°51'48.2"W Buoy "79" 29°37'31.9"N 94°57'40.0"W (29/04 CG8)
11013 45Ed. 7/03 LAST NM 19/04 38/04 Substitute Wreck [K29] (PA) for dangerous wreck 24°53.1'N 83°03.7'W Wreck [K29] (PA) for dangerous wreck 27°35.3'N 84°12.1'W Wreck [K29] (PA) for dangerous wreck 26°20.3'N 82°40.4'W (NOS)	★11328 23Ed. 8/03 LAST NM 37/04 38/04 Delete Range lights (2) and range line between 29°42'12.4"N 95°01'14.7"W 29°43'08.1"N 95°01'14.1"W Note: Legend "UPPER RED LIGHT BEND OUTBOUND RANGE" remains Add Range light, front QR 17ft 5M 29°42'18.9"N 95°01'16.1"W Range light, rear Iso R 6s 25ft, Iso R 6s 27ft 4M 29°42'12.4"N 95°01'16.1"W Range line extending in 000° direction from above rear light dashed for 1050 yards, thence solid for 775 yards (29/04 CG8)
11308 22Ed. 11/02 LAST NM 36/04 38/04 (Side A) Relocate Light from 27°44'00.0"N 97°16'00.0"W to 27°44'01.5"N 97°16'32.8"W (30/04 CG8)	11329 35Ed. 9/03 LAST NM 33/04 38/04 Delete Range lights (2) and range line between 29°42'12.3"N 95°01'14.6"W 29°43'06.6"N 95°01'14.1"W Note: Legend "UPPER RED LIGHT BEND OUTBOUND RANGE" remains Add Range light, front QR 17ft 5M 29°42'18.9"N 95°01'16.1"W Range light, rear Iso R 6s 25ft, Iso R 6s 27ft 4M 29°42'12.4"N 95°01'16.1"W Range line extending in 000° direction from above rear light dashed for 1050 yards, thence solid for 775 yards (29/04 CG8)
★11309 37Ed. 9/03 LAST NM 36/04 38/04 Relocate Light from 27°44'00.0"N 97°16'00.4"W to 27°44'01.5"N 97°16'32.8"W (30/04 CG8)	
11316 39Ed. 3/03 LAST NM 37/04 38/04 Add Platform [L10] 28°33'30"N 96°30'03"W (29/04 CG8)	
★11317 30Ed. 11/03 LAST NM 27/04 38/04 Add Platform [L10] 28°33'30"N 96°30'03"W (29/04 CG8)	
11318 1Ed. 10/2/99 LAST NM N36/04 N38/04 Add Light Fl 4s 17ft 5M Ra ref 27°44'01.5"N 97°16'32.8"W	

★11330 15Ed. 10/03 LAST NM 37/04 38/04
 Substitute Platform [L10] for submerged well (cov 60ft) 29°04.4'N 93°26.2'W
 (See 14/04-11330)
 (30/04 CG8)

★11332 29Ed. 4/04 LAST NM 35/04 38/04
 Add Tabulation of controlling depths from Subsection I-2
 (NOS)

★11340 68Ed. 6/03 LAST NM 37/04 38/04
 Delete Wreck 28°32.0'N 90°59.2'W
 Danger circle "(Wk rep destroyed)" 28°31.8'N 90°58.9'W

Relocate Superbuoy ODAS "42041" from 27°30.0'N 90°28.0'W to 27°30.2'N 90°27.7'W

Substitute Platform [L10] for submerged well (cov 10fms) 29°04.4'N 93°26.2'W
 (See 14/04-11340)

Add Dangerous wreck [K28] (PA) 29°11.4'N 92°07.2'W
 (29, 30/04 CG8)

11341 40Ed. 3/04 LAST NM 37/04 38/04
 Add Tabulation of controlling depths from Subsection I-2
 (NOS)

★11342 52Ed. 5/03 LAST NM 37/04 38/04
 Add Tabulation of controlling depths from Subsection I-2
 (NOS)

★11343 37Ed. 9/03 LAST NM 36/04 38/04
 Add Tabulation of controlling depths from Subsection I-2
 (NOS)

★11347 34Ed. 5/04 NEW EDITION 38/04
 (Side A)
 Change Legend to "35 FT MAY 2004" 30°06'09"N 93°18'45"W
 (Previously published 36/04)

(Side B)
 Change Legend to "35 FT MAY 2004" 30°06'21"N 93°18'25"W
 (Previously published 36/04)

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

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

★11349 41Ed. 3/04 LAST NM 35/04 38/04
 Add Dangerous wreck [K28] (PA) 29°11'21"N 92°07'09"W
 (29/04 CG8)

★11351 38Ed. 3/03 LAST NM 37/04 38/04
 Add Platform [L10] 29°14'52"N 91°28'19"W
 (29/04 CG8)

★11353 3Ed. 11/03 LAST NM 37/04 38/04
 Add Dangerous wreck [K28] (PA) 29°28'48"N 89°14'13"W
 (30/04 CG8)

11354 24Ed. 4/03 LAST NM 37/04 38/04
 (Side A)
 Add Platform [L10] 29°14'52"N 91°28'19"W
 (29/04 CG8)

★11356 35Ed. 7/03 LAST NM 37/04 38/04
 Add Platform [L10] 28°37'01"N 91°05'18"W
 Platform [L10] 29°14'52"N 91°28'19"W
 (29/04 CG8)

★11357 36Ed. 7/03 LAST NM 37/04 38/04
 Delete Light "C" 29°06'13"N 90°11'05"W
 (29/04 CG8)

★11358 52Ed. 6/03 LAST NM 37/04 38/04
 Delete Light "A" 29°06'24"N 90°10'50"W
 Light "B" 29°06'20"N 90°11'00"W
 Light "C" 29°06'13"N 90°11'07"W
 (29/04 CG8)

★11363 39Ed. 9/03 LAST NM 37/04 38/04
 Add Platform [L10] 29°35'41"N 88°43'52"W
 Platform [L10] 29°42'02"N 88°45'35"W
 Dangerous wreck [K28] (PA) 29°28'48"N 89°14'13"W
 (29, 30/04 CG8)

11365 17Ed. 10/02 LAST NM 35/04 38/04
 (Side B)
 Delete Light "A" 29°06'24"N 90°10'48"W
 Light "B" 29°06'20"N 90°10'59"W
 Light "C" 29°06'13"N 90°11'06"W
 (29/04 CG8)

★11370 25Ed. 7/04 NEW EDITION 38/04
 (NOS)

11374 32Ed. 10/03 LAST NM 36/04 38/04
 (Side B)
 Delete Depth 5 feet Obstn "Rep" (PA) 30°21'13"N 88°34'01"W
 (Supersedes 25/04-11374)
 (29/04 CG8)

★11375 35Ed. 8/02 LAST NM 36/04 38/04
 Delete Depth 5 feet Obstn "Rep" (PA) 30°21'13.0"N 88°34'01.0"W
 (Supersedes 25/04-11375)
 (29/04 CG8)

★11376 49Ed. 9/03 LAST NM 35/04 38/04
 Add Tabulation of controlling depths from Subsection I-2
 (NOS)

11420 27Ed. 3/03 LAST NM 36/04 38/04
 Substitute Wreck [K29] (PA) for dangerous wreck 24°53.1'N 83°03.7'W

Change Visibility (range) of light "1" to 6M 27°06.8'N 82°28.2'W

Add Stranded wreck [K24] (PA) 25°57.0'N 81°51.0'W
 Stranded wreck [K24] (PA) 26°55.4'N 82°27.1'W
 (NOS; 28, 29/04 CG7)

11423 7Ed. 8/10/96 LAST NM N36/04 N38/04
 Substitute Wreck [K29] (PA) for dangerous wreck 24°53.1'N 83°03.7'W

Change Visibility (range) of light "1" to 6M 27°06.8'N 82°28.2'W

Add Stranded wreck [K24] (PA) 25°57.0'N 81°51.0'W
 Stranded wreck [K24] (PA) 26°55.4'N 82°27.1'W
 Wreck [K29] (PA) 26°20.3'N 82°40.4'W
 (NOS; 28, 29/04 CG7)

★11424 18Ed. 1/03 LAST NM 36/04 38/04
 Change Visibility (range) of light "1" to 6M 27°06'46"N 82°28'13"W

Add Stranded wreck [K24] (PA) 26°55'24"N 82°27'07"W
 (28, 29/04 CG7)

11425 35Ed. 11/03 LAST NM 36/04 38/04
 (Side A)
 Change Visibility (range) of light "1" to 6M 27°06'46"N 82°28'13"W

Visibility (range) of light to 12M 26°44'31"N 82°15'48"W

Add Stranded wreck [K24] (PA) 26°55'24"N 82°27'07"W

(continued on next page)

SECTION I

NM 38/04

11425	(Continued)				
	(Side A, Inset 1)				
Change	Visibility (range) of light "1" to 6M	27°06'46"N	82°28'13"W		
	(Side B)				
Change	Visibility (range) of light "1" to 6M	27°06'46"N	82°28'13"W		
	(28, 29/04 CG7)				
★11426	36Ed. 7/03 LAST NM 15/04			38/04	
Change	Visibility (range) of light to 12M	26°44'31"N	82°15'48"W		
	(28/04 CG7)				
★11429	21Ed. 9/02 LAST NM 47/02			38/04	
Add	Stranded wreck [K24] (PA)	25°57'00"N	81°51'00"W		
	(29/04 CG7)				
★11432	14Ed. 5/04 NEW EDITION			38/04	
	(NOS)				
★11434	25Ed. 8/03 LAST NM 41/03			38/04	
Substitute	Wreck [K29] (PA) for dangerous wreck	24°53'06"N	83°03'42"W		
	(NOS)				
11435	13Ed. 9/27/97 LAST NM N52/03			N38/04	
Substitute	Wreck [K29] (PA) for dangerous wreck	24°53'06"N	83°03'42"W		
	(NOS)				
11479	4Ed. 9/27/97 LAST NM N19/04			N38/04	
Change	Light to Fl(6) 15s 159ft 22M (Priv)	29°04.8'N	80°55.7'W		
	(28/04 CG7)				
11480	38Ed. 5/03 LAST NM 34/04			38/04	
Change	Light to Fl(6) 15s 159ft 22M (Priv)	29°04.8'N	80°55.7'W		
	(28/04 CG7)				
★11484	22Ed. 11/03 LAST NM 29/04			38/04	
Change	Light to Fl(6) 15s 159ft 22M (Priv)	29°04'50"N	80°55'41"W		
	(28/04 CG7)				
11485	33Ed. 4/03 LAST NM 22/03			38/04	
	(Side A)				
Change	Light to Fl(6) 15s 159ft 22M (Priv)	29°04'50"N	80°55'41"W		
	(28/04 CG7)				
11486	15Ed. 7/03 LAST NM 36/03			38/04	
Change	Light to Fl(6) 15s 159ft 22M (Priv)	29°04'50"N	80°55'41"W		
	(28/04 CG7)				
11496	9Ed. 8/22/98 LAST NM N34/04			N38/04	
Change	Light to Fl(6) 15s 22M (Priv)	29°04.8'N	80°55.7'W		
	(28/04 CG7)				
★11514	27Ed. 7/04 NEW EDITION			38/04	
	(NOS)				
★11524	47Ed. 2/04 LAST NM 36/04			38/04	
Delete	Buoy "49"	32°50'36"N	79°55'47"W		
	(29/04 CG7)				
★12221	75Ed. 9/03 LAST NM 36/04			38/04	
Add	Tabulation of controlling depths from Subsection I-2				
	(NOS)				
12238	38Ed. 11/03 LAST NM 36/04			38/04	
Add	Tabulation of controlling depths from Subsection I-2				
	(NOS)				
★12252	24Ed. 4/04 LAST NM 28/04			38/04	
Add	Tabulation of controlling depths from Subsection I-2				
	(NOS)				
★12273	55Ed. 5/04 LAST NM 31/04			38/04	
Add	Tabulation of controlling depths from Subsection I-2				
	(NOS)				
12274	33Ed. 7/02 LAST NM 29/04			38/04	
Add	Tabulation of controlling depths from Subsection I-2				
	(NOS)				
★12277	32Ed. 7/03 LAST NM 29/04			38/04	
Add	Tabulation of controlling depths from Subsection I-2				
	(NOS)				
12278	73Ed. 11/03 LAST NM 31/04			38/04	
Add	Tabulation of controlling depths from Subsection I-2				
	(NOS)				
★12316	31Ed. 5/04 NEW EDITION			38/04	
	(Side A)				
Delete	Submarine pipeline (sewer) in vicinity	39°20'00"N	74°26'59"W		
Add	Submarine pipeline (sewer) [L41.1] joining	39°20'44"N	74°27'33"W		
		39°19'40"N	74°26'40"W		
		39°19'34"N	74°26'42"W		
	Submarine pipeline (sewer) [L41.1] between	39°19'40"N	74°26'40"W		
		39°19'38"N	74°26'34"W		
	Depth 21 feet Obstn [K41]	39°19'39"N	74°26'34"W		
	Depth 20 feet Obstn [K41]	39°19'34"N	74°26'42"W		
	Depth 17 feet Obstn [K41]	39°19'45"N	74°26'45"W		
	(Previously published 30/04)				
	(Side A)				
Relocate	Buoy "LE" from 39°26'47"N 74°17'21"W to	39°26'47"N	74°17'18"W		
	Buoy "1" from 39°21'03"N 74°23'38"W to	39°20'49"N	74°23'43"W		
	Buoy "2" from 39°21'13"N 74°23'39"W to	39°21'08"N	74°23'52"W		
	Buoy "3" from 39°21'26"N 74°24'04"W to	39°21'24"N	74°24'12"W		
Add	Buoy "251" G, can	39°18'05"N	74°34'10"W		
	(Previously published 36/04)				
	(Side A, Inset)				
Relocate	Buoy "3" from 39°21'26.1"N 74°24'04.0"W to	39°21'23.6"N	74°24'12.0"W		
	(Previously published 36/04)				
	(Side A)				
Delete	Legend "Bridge being removed" and indicating arrow	39°18'27"N	74°33'14"W		
Substitute	Double dashed line with land tint for double solid line and land tint between	39°18'25"N	74°33'28"W		
		39°17'51"N	74°33'25"W		
	Double solid line with land tint for dashed solid line and land tint between	39°18'24"N	74°33'27"W		
		39°17'52"N	74°33'23"W		
Change	Legend to "FIXED BRIDGE AUTH CL HOR CL 178 FT VERT CL 65FT"	39°17'42"N	74°33'18"W		
Add	Legend "Bridge being removed"	39°18'21"N	74°33'30"W		
	(Previously published 37/04)				
	(NOS)				
★12369	25Ed. 6/02 LAST NM 37/04			38/04	
Add	Tabulation of controlling depths from Subsection I-2				
	(NOS)				

12372	32Ed. 10/03	LAST NM 34/04	38/04
	(Page B, Inset 1)		
Change	Legend to "38 FT JUN 2003"	41°20'10.0"N 72°04'57.0"W	
	Legend to "19 FT FOR WIDTH OF 400 FT JUN 2003"	41°20'49.8"N 72°05'29.0"W	
	Legend to "17 FT FOR WIDTH OF 400 FT JUN 2003"	41°21'06.5"N 72°05'27.0"W	
	Legend to "17½ FT JUN 2003"	41°21'24.3"N 72°05'30.8"W	
Add (NOS)	Depth 16 feet	41°21'00.7"N 72°05'40.5"W	
13212	36Ed. 3/04	LAST NM 25/04	38/04
Change (NOS)	Legend to "38 FT JUN 2003"	41°20'10.0"N 72°04'59.0"W	
★13213	41Ed. 3/04	LAST NM 34/04	38/04
Change	Legend to "38 FT JUN 2003"	41°20'10.0"N 72°04'56.6"W	
	Legend to "19 FT FOR WIDTH OF 400 FT JUN 2003"	41°20'50.7"N 72°05'30.0"W	
	Legend to "17 FT FOR WIDTH OF 400 FT JUN 2003"	41°21'06.2"N 72°05'27.4"W	
	Legend to "17½ FT JUN 2003"	41°21'26.8"N 72°05'32.8"W	
Add (NOS)	Depth 16 feet	41°21'00.7"N 72°05'40.5"W	
14083	30Ed. 6/30/01	LAST NM 33/02	38/04
Delete (1(4012)04 Ottawa)	HORN from light	44°18'47"N 64°10'04"W	
14085	6Ed. 5/20/95	LAST NM 15/04	38/04
Delete (1(4012)04 Ottawa)	HORN from light	44°18'43.8"N 64°10'06.0"W	
14088	10Ed. 8/3/02	LAST NM 5/04	38/04
Delete (1(4201)04 Ottawa)	Buoy "HRR"	44°41'48.0"N 63°39'26.1"W	
	Buoy "HR"	44°40'54.9"N 63°38'47.7"W	
14135	2Ed. 2/4/95	LAST NM 14/04	38/04
Change (1(4275)04 Ottawa)	Buoy "NM2" to "NM3" G, spar	45°35'02.0"N 60°44'42.4"W	
14174	Ed. 3/1/00	LAST NM N14/04	N38/04
Delete (1(4024)04 Ottawa)	Light	48°01.0'N 65°14.7'W	
14184	Ed. 2/19/99	LAST NM N49/03	N38/04
Delete (1(4024)04 Ottawa)	Light	48°01'00"N 65°14'48"W	
14196	Ed. 4/26/02	LAST NM N15/04	N38/04
Change (1(1410)04 Ottawa)	Characteristic of range light, front to Iso R	45°25'08"N 73°45'35"W	
	Characteristic of range light, rear to Iso R	45°25'33"N 73°45'02"W	
14822	31Ed. 1/03	LAST NM 10/03	38/04
Delete	Purple dashed line (submarine cable area limit) joining	42°52'27"N 78°55'27"W	
		42°52'25"N 78°54'16"W	
		42°52'36"N 78°53'53"W	
Add	Purple dashed line (submarine cable area limit) joining	42°52'39"N 78°53'56"W	
		42°52'42"N 78°54'06"W	
		42°52'34"N 78°54'28"W	
	Purple dashed line (submarine cable area limit) between	42°52'27"N 78°54'27"W	
		42°52'39"N 78°53'56"W	
	Legend "(see note C)"	42°52'22"N 78°55'00"W	

Caution note
 "NOTE C
 CAUTION
 Cables for an Ice Boom are permanently attached to anchors on the lake bottom. They are submerged and not buried. Floating steel pontoons are attached to these cables between December 15 and April 1." 43°07'42"N 78°50'00"W
 (NOS)

14832	34Ed. 10/02	LAST NM 26/04	38/04
Delete	Purple dashed line (submarine cable area limit) joining	42°52'29.9"N 78°54'19.5"W	
		42°52'40.1"N 78°55'08.0"W	
		42°52'58.6"N 78°55'54.2"W	
		42°52'54.8"N 78°55'57.1"W	
		42°52'37.6"N 78°55'11.7"W	
		42°52'24.6"N 78°54'16.0"W	
		42°52'35.6"N 78°53'52.9"W	
Add	"Cable Area (see note C)" [L30.2] bound by shore and purple dashed line joining	42°52'38.8"N 78°53'56.1"W	
		42°52'41.6"N 78°54'06.2"W	
		42°52'33.6"N 78°54'28.1"W	
		42°52'40.0"N 78°55'04.9"W	
		42°52'57.1"N 78°55'51.6"W	
		42°52'54.5"N 78°56'04.1"W	
		42°52'33.3"N 78°55'06.4"W	
		42°52'27.4"N 78°54'27.0"W	
		42°52'29.9"N 78°54'19.5"W	

Caution note
 "NOTE C
 CAUTION
 Cables for an Ice Boom are permanently attached to anchors on the lake bottom. They are submerged and not buried. Floating steel pontoons are attached to these cables between December 15 and April 1." 42°59'00.0"N 79°04'00.0"W
 (NOS)

★14833	26Ed. 2/04	LAST NM 24/04	38/04
Delete	Legend "Cable Area"	42°52'32.5"N 78°54'05.0"W	
	Purple dashed line joining	42°52'29.9"N 78°54'19.5"W	
		42°52'40.1"N 78°55'08.0"W	
		42°52'58.6"N 78°55'54.2"W	
		42°52'54.8"N 78°55'57.1"W	
		42°52'37.6"N 78°55'11.7"W	
		42°52'24.6"N 78°54'16.0"W	
		42°52'35.6"N 78°53'52.9"W	
Add	"Cable Area (see note C)" [L30.2] bound by shore and purple dashed line joining	42°52'38.8"N 78°53'56.1"W	
		42°52'41.6"N 78°54'06.2"W	
		42°52'33.6"N 78°54'28.1"W	
		42°52'40.0"N 78°55'04.9"W	
		42°52'57.1"N 78°55'51.6"W	
		42°52'54.5"N 78°56'04.1"W	
		42°52'33.3"N 78°55'06.4"W	
		42°52'27.4"N 78°54'27.0"W	
		42°52'29.9"N 78°54'19.5"W	

Caution note
 "NOTE C
 CAUTION
 Cables for an Ice Boom are permanently attached to anchors on the lake bottom. They are submerged and not buried. Floating steel pontoons are attached to these cables between December 15 and April 1." 42°54'46.0"N 78°51'14.0"W
 (NOS)

14838	3Ed. 10/02	LAST NM 52/02	38/04
Delete	Purple dashed line (submarine cable area limit) joining	42°52'27"N 78°55'27"W	
		42°52'25"N 78°54'16"W	
		42°52'36"N 78°53'53"W	
Add	Purple dashed line (submarine cable area limit) joining	42°52'39"N 78°53'56"W	
		42°52'42"N 78°54'06"W	
		42°52'34"N 78°54'28"W	

(continued on next page)

18720 31Ed. 7/29/00 LAST NM 34/04 38/04
 Add Buoy (mooring) [Q40] 34°20.1'N 119°33.7'W
 Note: Close N of platform "HENRY"
 (31/04 CG11)

★18725 27Ed. 6/03 LAST NM 36/04 38/04
 Add Buoy (mooring) [Q40] 34°20'05"N 119°33'41"W
 Note: Close NE of platform "HENRY"
 (31/04 CG11)

★21563 3Ed. 2/14/98 LAST NM 45/02 38/04
 Add Position Circle "R Mast (Rep 2004)" [E28]
 (PA) 8°38'02.5"N 83°10'30.5"W
 (NTM0012/2004)

28170 1Ed. 7/23/94 LAST NM 4/02 38/04
 Change Buoy to RW, pillar, L Fl 10s 15°51'52.9"N 87°57'51.3"W
 (NTM0012/2004)

37039 Ed. 11/6/03 LAST NM N36/04 N38/04
 Add Chartlet A, depicting changes in hydrography,
 from Subsection I-2 51°32'30"N 1°19'00"E
 Chartlet B, depicting changes in hydrography,
 from Subsection I-2 51°32'30"N 1°21'30"E
 (19(2061)04 Taunton)

37055 Ed. 10/19/00 LAST NM N37/04 N38/04
 Delete Depth 10.6 meters 52°44'06"N 1°50'24"E
 Add Depth 10 meters 52°45'23"N 1°46'31"E
 Depth 9.2 meters 52°43'53"N 1°50'30"E
 (13(1401)04 Taunton)

37056 Ed. 1/29/04 LAST NM N37/04 N38/04
 Delete Depth 4.6 meters 52°41'52.0"N 1°45'56.0"E
 Depth 4.1 meters 52°41'10.0"N 1°45'13.0"E
 Relocate Buoy "Hemsby" from
 52°41'49.8"N 1°45'51.6"E to 52°41'48.0"N 1°46'00.0"E
 Substitute Depth 5.7 meters for 6.3 meters 52°41'53.4"N 1°44'37.8"E
 Depth 4.2 meters for 4.5 meters 52°41'19.2"N 1°46'33.6"E
 Add Depth 3.7 meters 52°41'51.6"N 1°45'56.4"E
 Depth 3.7 meters 52°41'09.6"N 1°45'13.2"E
 (13(1401)04 Taunton)

★37057 Ed. 10/19/00 NEW CHART N38/04
 Add Depth 26 meters Wk [K26] 53°09.7'N 3°08.1'E
 Depth 25.5 meters Obstn [K41] 53°04.6'N 3°05.6'E
 Depth 27.5 meters Wk [K26] 53°01.5'N 3°04.2'E
 Depth 38 meters Well [L21.2] with purple
 composite-line circle, radius 0.27 mile [L3],
 centered 52°54.7'N 2°14.9'E
 Depth 37 meters Well [L21.2] with purple
 composite-line circle, radius 0.27 mile [L3],
 centered 52°53.8'N 2°17.2'E
 Submarine pipeline [L40.1] joining 53°05.0'N 2°32.7'E
 53°03.4'N 2°33.0'E
 53°01.6'N 2°29.3'E
 52°57.2'N 2°19.7'E
 52°54.7'N 2°14.9'E
 52°53.8'N 2°17.2'E
 Legend "Gas (see Note)" 53°01.0'N 2°27.0'E
 Legend "Gas" 52°54.4'N 2°15.8'E
 (NGA; 13(1400), 17(1834), 35(3977)04 Taunton)

★37058 Ed. 1/31/02 NEW CHART N38/04
 Delete Depth 29.5 meters Well 54°16.4'N 2°12.3'E
 Buoy 54°16.5'N 2°12.4'E
 Buoy "TM1" 53°47.2'N 3°02.6'E
 Depth 26 meters Well 53°40.8'N 1°55.9'E
 Substitute Depth 24 meters Wells for 26 meters Wells
 53°45.7'N 1°42.4'E
 Add Depth 26 meters Well [L21.2] 53°40.9'N 1°55.4'E
 (NGA; 11(1247), 29(3293, 3294, 3303)04 Taunton)

★37059 Ed. 1/31/02 NEW CHART N38/04
 Add Depth 18 meters Wk [K30] (unsurveyed) 53°00.1'N 0°21.9'E
 (NGA; 19(2087)04 Taunton)

★37062 Ed. 4/29/04 NEW CHART N38/04
 Delete Drying height 0.1 meter 53°40'30.0"N 0°11'55.0"W
 Depth 10 meters 53°37'48.0"N 0°07'54.0"W
 Depth 2.4 meters 53°40'50.0"N 0°14'05.0"W
 Depth 3.8 meters 53°40'06.0"N 0°13'18.0"W
 Depth 6.3 meters 53°35'30.0"N 0°01'00.0"E
 Depth 6.2 meters 53°33'19.2"N 0°04'48.0"E
 Depth 13.9 meters 53°34'06.0"N 0°15'55.2"E
 Substitute Depth 5.9 meters for 6 meters 53°38'44.4"N 0°11'24.6"W
 Depth 4.4 meters for 4.6 meters 53°34'03.6"N 0°03'36.6"W
 Add Depth 4.9 meters 53°36'06.6"N 0°00'49.8"W
 Drying height 1.2 meters 53°41'49.8"N 0°14'43.2"W
 Drying height 0.3 meter 53°40'30.0"N 0°11'54.0"W
 Depth 2.1 meters 53°40'46.8"N 0°14'04.8"W
 Depth 3.6 meters 53°40'07.2"N 0°13'23.4"W
 Depth 4.4 meters 53°36'06.0"N 0°00'36.0"W
 Depth 1.8 meters 53°39'28.2"N 0°10'24.6"W
 Depth 4.5 meters 53°39'21.0"N 0°11'28.8"W
 Depth 2.8 meters 53°40'21.0"N 0°13'40.2"W
 Depth 8 meters 53°39'00.0"N 0°12'18.0"W
 Depth 9.8 meters 53°37'42.6"N 0°07'46.8"W
 Depth 10.3 meters 53°37'39.0"N 0°08'07.8"W
 Depth 4.9 meters 53°34'14.4"N 0°03'16.8"E
 Depth 4.8 meters 53°33'29.4"N 0°04'29.4"E
 Depth 5.7 meters 53°33'17.4"N 0°04'55.8"E
 Depth 11.3 meters 53°33'59.4"N 0°15'55.2"E
 Depth 6 meters 53°36'04.8"N 0°00'58.2"E
 Depth 4.9 meters 53°35'36.6"N 0°01'11.4"E
 Depth 5.3 meters 53°35'23.4"N 0°00'57.0"E
 Depth 2.6 meters 53°35'42.0"N 0°00'23.4"E
 Depth 4 meters 53°35'39.6"N 0°00'57.6"E
 Depth 7.2 meters 53°34'13.2"N 0°02'42.6"E
 (Plan B)
 Delete Siren from beacon 53°42'36.0"N 0°43'16.2"W
 (NGA; 21(2318, 2319), 26(2935, 2936), 34(3768, 3770)04 Taunton)

37095 3Ed. 10/26/96 LAST NM 29/04 38/04
 Substitute Depth 64 meters Wk for 72 meters Wk 49°51.4'N 1°36.5'W
 Add Depth 15.9 meters Obstn [K41] 49°39.8'N 0°07.0'E
 (4(25), 16(26)04 Brest)

37110 11Ed. 4/24/99 LAST NM 32/04 38/04
 Add Depth 15.9 meters Obstn [K41] 49°39.8'N 0°07.0'E
 (16(26)04 Brest)

37120 2Ed. 3/22/97 LAST NM 32/04 38/04
 Relocate Buoy "Br & W Oostende" from
 51°16.7'N 2°54.8'E to 51°17.0'N 2°55.3'E
 Add Depth 16 meters Obstn [K41] 51°25.1'N 2°53.0'E
 (8(86), 9(96)04 Oostende)

37126 8Ed. 7/4/98 LAST NM 41/02 38/04
 Substitute Beacon W for light 50°58'04.8"N 1°50'39.0"E
 Change Light to Fl(4) 30s Horn 50°58'02.8"N 1°50'49.2"E
 Add Light Q 50°58'09.3"N 1°51'59.4"E
 Light Q 50°58'09.9"N 1°51'59.3"E
 (16(21)03 Brest)

37129 6Ed. 5/31/97 LAST NM 32/04 38/04
 Relocate Buoy "Br & W Oostende" from
 51°16'40.2"N 2°54'48.6"E to 51°16'58.8"N 2°55'16.8"E
 Add Depth 16 meters Obstn [K41] 51°25'04.2"N 2°52'59.4"E
 (8(86), 9(96)04 Oostende)

★37170 11Ed. 11/23/96 CHART CANCELED 38/04
 (NGA)

★37175 2Ed. 3/22/97 CHART CANCELED 38/04
 (NGA)

SECTION I

NM 38/04

★37180	20Ed. 3/8/97	CHART CANCELED (NGA)	38/04		
★37182	14Ed. 5/22/99	CHART CANCELED (NGA)	38/04		
37246	14Ed. 5/16/98	LAST NM 31/04	38/04		
Add	Light Fl(5) Y 20s to buoy (See 1, 29/04-37246)	51°21'05"N 3°48'31"E			
Add	(Plan B) Light Fl(5) Y 20s to buoy (See 1, 29/04-37246) (17(209)04 's-Gravenhage)	51°21'05.4"N 3°48'31.2"E			
37248	18Ed. 2/14/98	LAST NM 31/04	38/04		
Relocate	Buoy "Br & W Oostende" from 51°16'40.2"N 2°54'48.6"E to	51°16'58.8"N 2°55'16.8"E			
Add	Depth 16 meters Obstn [K41]	51°25'04.2"N 2°52'59.4"E			
Delete	(Plan A) Fishing harbor symbol (See 39/99-37248) (6(77), 8(86), 9(96)04 Oostende)	51°20'02.4"N 3°12'17.4"E			
37261	10Ed. 6/21/97	LAST NM 33/04	38/04		
Add	Depth 15.9 meters Obstn [K41] (16(26)04 Brest)	49°39'49.8"N 0°06'58.2"E			
37325	8Ed. 7/12/97	LAST NM 18/03	38/04		
Delete	Beacon Buoy Buoy	48°18'36.0"N 4°30'21.0"W 48°18'16.0"N 4°32'03.1"W 48°18'12.8"N 4°32'00.5"W			
Add	Buoy, conical (48(11)02, 16(23)03 Brest)	48°18'15.0"N 4°32'02.4"W			
38610	1Ed. 2/9/91	LAST NM 13/04	38/04		
Add	Wreck [K29] (4-5(16)04 Reykjavik)	63°46.5'N 22°45.0'W			
43144	4Ed. 4/19/97	LAST NM 30/04	38/04		
Delete	Depth 32 meters	68°16.7'N 16°34.3'E			
Substitute	Depth 5 meters for 37 meters Depth 10 meters for 13 meters Depth 13 meters for 27 meters Depth 15 meters for 50 meters Depth 14 meters for 49 meters Depth 8.5 meters for 10 meters Depth 5.3 meters for 11 meters	68°19.7'N 16°02.1'E 68°17.0'N 16°32.5'E 68°16.2'N 16°09.9'E 68°15.9'N 16°09.7'E 68°15.7'N 16°09.4'E 68°15.5'N 16°09.5'E 68°18.2'N 16°25.3'E			
Add	Depth 0.8 meter Depth 8 meters (14(638-640)04 Stavanger)	68°16.8'N 16°34.5'E 68°15.5'N 16°11.4'E			
43145	4Ed. 5/17/97	LAST NM 30/04	38/04		
Substitute	Depth 10 meters for 20 meters Depth 13.5 meters for 24 meters Depth 5 meters for 37 meters Depth 7.8 meters for 18 meters	68°15'43"N 16°03'51"E 68°15'45"N 16°03'12"E 68°19'41"N 16°02'08"E 68°18'54"N 16°08'06"E			
	Depth 2.5 meters Rks for 6 meters Rks	68°18'54"N 16°08'39"E			
	Depth 8.5 meters for 10 meters Depth 14 meters for 49 meters Depth 13 meters for 27 meters Depth 15 meters for 50 meters	68°15'30"N 16°09'36"E 68°16'37"N 16°09'18"E 68°16'16"N 16°09'39"E 68°15'52"N 16°09'45"E			
Add	Depth 8.5 meters Depth 9 meters Depth 11 meters Depth 16 meters (14(636-639)04 Stavanger)	68°16'09"N 16°01'27"E 68°18'20"N 16°02'29"E 68°18'52"N 16°03'38"E 68°19'08"N 16°09'14"E			
43164	3Ed. 11/23/96	LAST NM 30/04	38/04		
Add	Depth 1 meter (14(635)04 Stavanger)	67°56'11"N 14°51'09"E			
43165	2Ed. 12/29/84	LAST NM 23/04	38/04		
Substitute	Depth 1 fathom for 8 fathoms 1 foot	67°52'15"N 14°40'11"E			
Add	Depth 1 fathom (14(635)04 Stavanger)	67°50'30"N 14°34'31"E			
43180	5Ed. 7/5/97	LAST NM 22/04	38/04		
Add	Danger circle [K40] "Obstn (Marine farm)" (14(632)04 Stavanger)	66°28.3'N 12°18.5'E			
43248	3Ed. 9/15/84	LAST NM 28/04	38/04		
Change	Sector of light between 212° and 228° to red (See 14/04-43248) (BA LL)	63°07'58"N 7°48'21"E			
43252	1Ed. 10/4/86	LAST NM 28/04	38/04		
Change	Sector of light between 212° and 228° to red (See 14/04-43252) (BA LL)	63°07'57"N 7°48'23"E			
43300	5Ed. 7/20/96	LAST NM 23/04	38/04		
Add	Dashed line (overhead cable) [D27] "(27)" between (13(585)04 Stavanger)	61°00.5'N 5°28.3'E 61°00.6'N 5°29.0'E			
43302	4Ed. 4/9/94	LAST NM 15/04	38/04		
Delete	Purple dashed line (overhead cable) and legend "20" between Purple dashed line (overhead cable) and legend "18" in vicinity Purple dashed line (overhead cable) and legend "25" in vicinity	60°55'24"N 5°02'27"E 60°55'40"N 5°02'22"E 60°55'40"N 5°02'22"E 60°55'45"N 5°02'04"E 60°55'24"N 5°02'27"E 60°55'12"N 5°11'02"E			
Add	Purple dashed line (overhead cable) [D27] "20" between Purple dashed line (overhead cable) [D27] "18" between Purple dashed line (overhead cable) [D27] "25" between	60°55'24"N 5°02'20"E 60°55'28"N 5°02'19"E 60°55'31"N 5°02'18"E 60°55'35"N 5°02'16"E 60°58'05"N 5°11'11"E 60°58'17"N 5°11'16"E			
Delete	(Inset) Purple dashed line (overhead cable) and legend "60" in vicinity Purple dashed line (overhead cable) and legend "26" in vicinity Purple dashed line (overhead cable) and legend "28" in vicinity Purple dashed line (overhead cable) and legend "24" in vicinity	60°52'18"N 5°32'18"E 60°52'28"N 5°34'10"E 60°52'31"N 5°34'38"E 60°54'40"N 5°31'24"E			
Change	Vertical clearance of overhead cable to "20" Vertical clearance of overhead cable to "45" (13(578-580)04 Stavanger)	60°48'40"N 5°18'22"E 60°50'31"N 5°21'18"E			
43303	4Ed. 6/27/98	LAST NM 21/04	38/04		
Add	Submarine pipeline [L40.1] joining (14(624)04 Stavanger)	60°31'48"N 5°15'00"E 60°31'54"N 5°15'12"E 60°32'12"N 5°15'06"E			

43321 6Ed. 1/17/98 LAST NM 23/04 38/04
 Add Submarine pipeline [L40.1] joining 60°31'48"N 5°15'00"E
 60°31'54"N 5°15'12"E
 60°32'12"N 5°15'06"E
 Submarine cable [L30.1] joining 60°15'34"N 5°14'17"E
 60°15'45"N 5°13'59"E
 60°15'52"N 5°14'05"E
 (13(569), 14(624)04 Stavanger)

43322 5Ed. 9/26/98 LAST NM 1/99 38/04
 Add Submarine cable [L30.1] between 60°24'45.2"N 5°19'07.1"E
 60°24'46.1"N 5°19'09.6"E
 (13(569)04 Stavanger)

43323 4Ed. 6/5/99 LAST NM 23/04 38/04
 Change Vertical clearance to "(16)" 60°00'06"N 5°23'01"E
 (13(568)04 Stavanger)

43341 7Ed. 9/14/96 LAST NM 22/04 38/04
 Add Submarine cable [L30.1] between 59°06'13"N 5°51'32"E
 59°06'52"N 5°50'57"E
 Submarine cable [L30.1] joining 59°06'14"N 5°46'52"E
 59°06'14"N 5°47'16"E
 59°06'10"N 5°47'16"E
 Submarine cable [L30.1] between 59°08'24"N 5°48'13"E
 59°08'08"N 5°47'56"E
 Submarine cable [L30.1] joining 59°08'24"N 5°48'13"E
 59°08'19"N 5°48'28"E
 59°08'18"N 5°49'37"E
 (13(564)04 Stavanger)

43342 7Ed. 10/3/98 LAST NM 49/03 38/04
 Add Submarine cable [L30.1] joining 59°05'10"N 5°47'50"E
 59°05'08"N 5°47'41"E
 59°05'10"N 5°47'38"E
 59°05'13"N 5°47'40"E
 (13(564)04 Stavanger)

44001 2Ed. 10/19/96 LAST NM 36/04 38/04
 Add Depth 5 meters 57°52.7'N 21°48.9'E
 Depth 9 meters 57°40.5'N 21°41.6'E
 Depth 13.8 meters Wk [K26] 57°40.3'N 22°08.5'E
 (8(66, 69)04 Riga)

44161 2Ed. 6/8/96 LAST NM 28/04 38/04
 Add Depth 7.1 meters Rk [K14.1] 56°41'33"N 16°24'37"E
 (Plan Kalmar)
 Add Depth 7.1 meters Rk [K14.1] 56°41'33"N 16°24'37"E
 (25(1993)04 Norrköping)

44164 1Ed. 12/2/89 LAST NM 25/04 38/04
 Add Rock awash [K12] 58°34'10.2"N 16°52'51.6"E
 (25(1997)04 Norrköping)

44182 4Ed. 5/28/94 LAST NM 27/04 38/04
 Add Buoy Y, pillar, "X" topmark, Fl Y 5s 59°21'02.4"N 17°58'21.0"E
 (25(1994)04 Norrköping)

44240 8Ed. 7/19/97 LAST NM 20/04 38/04
 Delete Light 63°28.8'N 19°53.8'E
 Add Beacon 63°32.0'N 19°51.0'E
 (29(2032)04 Norrköping)

44280 9Ed. 7/13/96 LAST NM 32/04 38/04
 Add Depth 10.4 meters 65°06.1'N 22°37.1'E
 (21(1935)04 Norrköping)

44281 2Ed. 4/6/96 LAST NM 19/04 38/04
 Substitute Depth 12.3 meters for 12.1 meters 65°31'21"N 22°20'15"E
 Depth 12.3 meters for 12.1 meters 65°32'28"N 22°17'49"E
 Depth 9.3 meters for 9.2 meters 65°32'53"N 22°14'20"E

Add Depth 12.4 meters 65°29'19"N 22°25'13"E
 Depth 9.1 meters 65°34'28"N 22°10'10"E
 Depth 8.3 meters 65°34'46"N 22°09'17"E
 Depth 6.3 meters 65°34'47"N 22°09'05"E
 Berth designation "3" [F19] 65°33'01"N 22°13'46"E
 Berth designation "4" [F19] 65°33'06"N 22°13'36"E
 (25(1912)04 Norrköping)

44313 1Ed. 4/11/87 LAST NM 33/04 38/04
 (Plan)
 Delete Buoy 61°07'39.0"N 21°25'46.8"E
 (31(696)03 Helsinki)

44319 2Ed. 2/15/97 LAST NM 19/04 38/04
 Add Depth 21 meters Wk [K26] 60°02.1'N 26°46.5'E
 (18(2666)04 St. Petersburg)

44321 6Ed. 9/3/94 LAST NM 31/04 38/04
 Change Buoy to YB, spar, double cone topmark points downward 59°53'51"N 22°26'19"E
 (19-20(399)03 Helsinki)

44340 11Ed. 8/10/96 LAST NM 26/04 38/04
 Add Depth 21 meters Wk [K26] 60°02.1'N 26°46.5'E
 Buoy R, pillar, Fl R 3s 59°56.7'N 24°15.0'E
 Buoy G, pillar, Fl G 3s 59°57.8'N 24°16.6'E
 (2(22)03 Helsinki; 18(2666)04 St. Petersburg)

44360 9Ed. 10/12/96 LAST NM 36/04 38/04
 Add Depth 21 meters Wk [K26] 60°02.1'N 26°46.5'E
 (18(2666)04 St. Petersburg)

44400 4Ed. 9/7/96 LAST NM 36/04 38/04
 Delete Light and sector limits 57°30.3'N 22°48.6'E
 Range line and legend "Lights in line 198°18" between 57°30.3'N 22°48.6'E
 57°36.9'N 22°52.2'E
 Substitute Depth 12.9 meters for 1.2 meters Wk 58°04.2'N 23°41.3'E
 Depth 5 meters for 5.8 meters 57°52.7'N 21°48.9'E
 Add Light FWRG 20m 7-4M with sectors green 210°24'-213°30', white-216°30', red-219°24' 57°30.5'N 22°48.5'E
 Depth 4.2 meters Obstn [K41] 58°21.6'N 24°26.4'E
 Legend "117°42'-297°42'" to recommended track 58°15.0'N 23°52.0'E
 Legend "067°24'-247°24'" to recommended track 58°13.0'N 24°15.0'E
 (See 25/04-44400)
 (8(65, 67-70)04 Riga; Lat LL)

44410 4Ed. 2/8/97 LAST NM 36/04 38/04
 Substitute Depth 5 meters for 5.8 meters 57°52.7'N 21°48.9'E
 (8(69)04 Riga)

51160 20Ed. 9/22/90 LAST NM 34/04 38/04
 Add Dangerous wreck [K28] (PA) 36°58.1'N 7°57.5'W
 (Cancels 34/04-51160)
 (7(174)04 Lisboa)

52080 14Ed. 2/8/97 LAST NM 30/04 38/04
 Add "RESTRICTED AREA CAUTION NO 4" bound by purple composite-line circle, radius 8 miles, centered 39°53.9'N 0°41.2'E
 Caution No. 4 to CAUTIONS note "4. To avoid the risk of pollution and damage to the environment, this area has been designated an area to be avoided by all vessels of greater than 1,000 GRT and those transporting dangerous or pollutant cargo." 38°57.0'N 1°02.0'W
 (Plan A)
 Add Legend "CAUTION NO 4" 39°53'54.0"N 0°43'00.0"E
 (5(30)04 Cadiz; 12(1372)04 Taunton)

SECTION I

NM 38/04

52082	3Ed. 9/16/00	LAST NM 30/04	38/04		
Add	"Fish hatchery" area with blue tint bound by dashed line joining		38°09'18"N 0°31'22"W 38°09'02"N 0°32'06"W 38°08'40"N 0°31'59"W 38°08'55"N 0°31'14"W		
	Buoy Y, can, "X" topmark, Fl Y 5s		38°09'18"N 0°31'22"W		
	Buoy Y, can, "X" topmark, Fl Y 5s		38°09'02"N 0°32'06"W		
	Buoy Y, can, "X" topmark, Fl Y 5s		38°08'40"N 0°31'59"W		
	Buoy Y, can, "X" topmark, Fl Y 5s		38°08'55"N 0°31'14"W		
	(22(368)03 Cadiz)				
52184	3Ed. 5/15/99	LAST NM 34/04	38/04		
Change	Light to FG 15m 8M		37°16'48"N 9°53'36"E		
	Light to Fl(2) WR 10s 39m 19/16M with sectors white 237°-177°, red-237°		37°21'21"N 10°07'22"E		
	(Cancels 34/04-52184)				
	(Plan)				
Change	Light to Fl R 5s 9m 4M		37°13'51.0"N 9°51'43.0"E		
	(BA LL)				
54382	9Ed. 6/1/96	LAST NM 28/04	38/04		
Add	Buoy (mooring) [Q40]		38°40'18"N 26°45'11"E		
	(18(72)04 Istanbul)				
54387	7Ed. 2/3/96	LAST NM 42/03	38/04		
Add	Buoy (mooring) [Q40]		38°40'18"N 26°45'11"E		
	Buoy Y, pillar, "X" topmark, Fl Y [Q130.6]		38°27'26"N 26°44'11"E		
	Buoy Y, pillar, "X" topmark, Fl Y [Q130.6]		38°27'21"N 26°44'26"E		
	Buoy Y, pillar, "X" topmark, Fl Y [Q130.6]		38°26'10"N 26°43'53"E		
	Buoy Y, pillar, "X" topmark, Fl Y [Q130.6]		38°26'11"N 26°44'16"E		
	(18(72, 73)04 Istanbul)				
61211	7Ed. 7/20/91	LAST NM 27/94	38/04		
Add	Buoy RW, pillar, ball topmark, L Fl 10s		4°05'30"S 39°42'48"E		
	(NTM0018/2004)				
61212	2Ed. 8/17/96	LAST NM 49/96	38/04		
Add	Buoy RW, pillar, ball topmark, L Fl 10s		4°05'30.0"S 39°42'48.0"E		
	(NTM0018/2004)				
71259	3Ed. 1/18/03	LAST NM 34/04	38/04		
Delete	Dangerous wreck		1°13'19"N 103°57'42"E		
	Buoy		1°13'19"N 103°57'43"E		
	(See 34/04-71259)				
Add	Dangerous wreck [K28]		1°13'23"N 103°57'44"E		
	Buoy BY, pillar, double cone topmark points upward, Q [Q130.3] Racon		1°13'27"N 103°57'42"E		
	Buoy YB, pillar, double cone topmark points downward, Q(6) + L Fl 10s [Q130.3]		1°13'05"N 103°57'42"E		
	Buoy BYB, pillar, double cone topmark bases together, Q(3) 10s [Q130.3]		1°13'18"N 103°57'56"E		
	Buoy YBY, pillar, double cone topmark points together, Q(9) 15s [Q130.3]		1°13'18"N 103°57'30"E		
	(7(52)04 Singapore)				
71265	3Ed. 6/8/02	LAST NM 36/04	38/04		
Delete	Dangerous wreck and buoy		1°13'19"N 103°57'42"E		
	(See 34/04-71265)				
Add	Dangerous wreck [K28]		1°13'23"N 103°57'44"E		
	Buoy BY, pillar, double cone topmark points upward, Q [Q130.3] Racon		1°13'27"N 103°57'42"E		
	(7(52)04 Singapore)				
74270	3Ed. 8/5/95	LAST NM 35/04	38/04		
Delete	Dashed line between		14°05.8'S 144°25.3'E 14°04.8'S 144°22.8'E		
Add	Purple dashed line joining		14°05.8'S 144°25.3'E 13°49.8'S 144°12.5'E 13°45.9'S 144°09.2'E 13°41.3'S 144°05.6'E 13°17.1'S 143°51.0'E 13°13.0'S 143°44.7'E		
	Purple dashed line joining		14°04.8'S 144°22.8'E 13°51.4'S 144°12.5'E 13°41.5'S 144°03.4'E 13°17.0'S 144°50.0'E 13°09.6'S 143°47.4'E 13°13.0'S 143°43.8'E		
	Legend "TWO WAY ROUTE SEE NOTE"		13°31.0'S 143°58.5'E		
	Purple open-outlined dashed arrow indicating recommended flow of traffic [M11] oriented 161°-341°		13°07.5'S 143°47.0'E		
	Purple open-outlined dashed arrow indicating recommended flow of traffic [M11] oriented 141°-321°		13°51.8'S 144°13.5'E		
	(15(572)04 Wollongong)				
74271	9Ed. 9/6/97	LAST NM 35/04	38/04		
Delete	Dashed line between		14°04'32"S 144°22'55"E 14°05'44"S 144°25'41"E		
Add	Purple dashed line joining		13°24'55"S 144°01'45"E 13°41'19"S 144°05'38"E 13°45'54"S 144°09'14"E 13°49'47"S 144°12'30"E 14°05'44"S 144°25'41"E		
	Purple dashed line joining		13°24'55"S 144°00'10"E 13°41'29"S 144°03'55"E 13°51'23"S 144°12'30"E 14°04'32"S 144°22'55"E		
	Legend "TWO WAY ROUTE (SEE NOTE)"		13°59'30"S 144°19'48"E		
	Legend "TWO WAY ROUTE (SEE NOTE)"		13°40'30"S 144°04'24"E		
	Purple open-outlined dashed arrow indicating recommended flow of traffic [M11] oriented 141°-321°		13°44'24"S 144°07'12"E		
	(15(572)04 Wollongong)				
74272	7Ed. 8/23/97	LAST NM 35/04	38/04		
Delete	Dashed line between		12°50'58"S 143°35'50"E 12°49'20"S 143°36'09"E		
Add	Purple heavy dashed line joining		12°49'20"S 143°36'09"E 12°51'05"S 143°37'51"E 12°51'47"S 143°39'21"E 12°56'12"S 143°43'16"E 13°17'07"S 143°51'01"E 13°41'19"S 144°05'38"E 13°45'54"S 144°09'14"E 13°49'47"S 144°12'34"E		
	Purple heavy dashed line joining		12°50'38"S 143°35'50"E 12°52'15"S 143°38'35"E 12°58'29"S 143°43'24"E 13°09'34"S 143°47'22"E 13°17'02"S 143°49'59"E 13°41'29"S 144°03'55"E 13°51'23"S 144°12'34"E		
	Legend "TWO-WAY ROUTE SEE NOTES"		13°31'45"S 143°59'00"E		
	Legend "TWO-WAY ROUTE SEE NOTES"		12°55'06"S 143°41'30"E		
	Purple open-outlined dashed arrow indicating recommended flow of traffic [M11] oriented 161°-341°		13°07'45"S 143°47'00"E		
	Purple open-outlined dashed arrow indicating recommended flow of traffic [M11] oriented 152°-332°		13°27'45"S 143°56'45"E		

(continued on next page)

74272 (Continued)
 Purple open-outlined dashed arrow indicating
 recommended flow of traffic [M11] oriented
 141°-321° 13°45'50"S 144°08'30"E
 (15(572)04 Wollongong)

74393 9Ed. 10/30/99 LAST NM 36/04 38/04
 Add Note from Subsection I-2 in upper right margin
 of chart
 (Aus CH 26)

74394 2Ed. 10/3/98 LAST NM 36/04 38/04
 Add Note from Subsection I-2 12°32'32.0"S 130°45'18.0"E
 (Aus CH 26)

★81025 3Ed. 6/27/04 NEW EDITION N38/04
 (NGA)

★83637 4Ed. 1/31/98 LAST NM 37/04 38/04
 Add Beacon (articulated) "16" R 16°44'30.1"N 169°31'00.9"W
 (Supersedes 37/04-83637)
 (33/04 CG14)

94028 7Ed. 9/16/95 LAST NM 30/04 38/04
 Add Wreck [K29] 35°46.9'N 125°53.6'E
 Wreck [K29] 34°39.0'N 124°53.3'E
 (9(128), 29(389)04 Inchon)

94033 5Ed. 10/28/95 LAST NM 23/04 38/04
 Add Dangerous wreck [K28] 37°04.6'N 126°13.5'E
 (29(385)04 Inchon)

95060 13Ed. 8/5/95 LAST NM 34/04 38/04
 Add Dangerous wreck [K28] 37°04.6'N 126°13.5'E
 (29(385)04 Inchon)

95066 11Ed. 11/21/98 LAST NM 34/04 38/04
 Add Dangerous wreck [K28] 37°04'36"N 126°13'30"E
 (29(385)04 Inchon)

95080 13Ed. 6/24/95 LAST NM 34/04 38/04
 Add Wreck [K29] 35°46'56"N 125°53'33"E
 (9(128)04 Inchon)

95100 12Ed. 3/2/96 LAST NM 35/04 38/04
 Add Wreck [K29] 34°39'00"N 124°53'15"E
 (29(389)04 Inchon)

95160 13Ed. 8/19/95 LAST NM 28/04 38/04
 Change Light to Fl G 3s 3M 34°20.7'N 130°55.7'E
 Light to Fl(2) R 6s 3M 33°54.6'N 130°39.6'E
 Light to Fl R 4s 5M 33°56.0'N 130°43.9'E
 Light to Fl R 3s 5M 33°53.2'N 130°34.1'E
 Light to Fl(2) G 6s 7M 33°52.9'N 130°31.6'E
 Light to Fl R 4s 7M 33°51.3'N 130°29.0'E
 Light to Fl(2) R 6s 12m 5M 34°09.6'N 130°54.6'E
 Light to Fl R 3s 5M 34°10.6'N 130°55.6'E
 (Jpn LL)

95250 4Ed. 7/12/97 LAST NM 36/04 38/04
 Substitute Disused submarine cable [L32] for
 submarine cable between 40°11.5'N 139°58.1'E
 40°12.1'N 139°58.7'E
 Add Submarine cable [L30.1] between 40°11.5'N 139°58.1'E
 40°12.0'N 139°59.2'E
 (27(705)04 Tokyo)

95320 15Ed. 6/28/97 LAST NM 28/04 38/04
 Change Light to Fl G 3s 3M 34°20'45"N 130°55'42"E
 (Jpn LL)

95341 8Ed. 2/22/97 LAST NM 31/04 38/04
 Change Light to Fl(2) R 6s 12m 3M 33°54'36"N 130°39'38"E
 Light to Fl R 4s 5M 33°55'58"N 130°43'51"E
 Light to Fl R 3s 5M 33°53'14"N 130°34'04"E

Light to Fl(2) G 6s 7M 33°52'54"N 130°31'36"E
 Light to Fl R 4s 7M 33°51'18"N 130°29'03"E
 Light to Fl(2) R 6s 5M 34°09'35"N 130°54'39"E
 Light to Fl R 3s 5M 34°10'36"N 130°55'34"E
 Light to Fl G 3s 3M 34°20'45"N 130°55'42"E
 (Jpn LL)

97143 12Ed. 2/14/04 LAST NM 33/04 38/04
 Add Solid line joining 35°30'27.0"N 139°47'29.8"E
 35°30'25.8"N 139°47'32.0"E
 35°30'23.9"N 139°47'50.0"E
 35°30'33.0"N 139°47'56.0"E
 35°30'38.0"N 139°47'48.0"E
 Solid line between 35°30'40.0"N 139°47'47.0"E
 35°30'42.2"N 139°47'42.0"E
 Purple composite line joining 35°30'23.9"N 139°47'50.0"E
 35°30'23.6"N 139°47'56.0"E
 35°30'44.0"N 139°48'17.0"E
 35°31'04.0"N 139°47'42.1"E
 Legend "Prohibited Area" 35°30'45.0"N 139°47'56.0"E
 Buoy "H" Y, pillar, "X" topmark, Fl Y 3s 35°30'23.6"N 139°47'56.0"E
 Buoy "D" Y, pillar, "X" topmark, Fl Y 3s 35°30'44.0"N 139°48'17.0"E
 (27(705)04 Tokyo)

97151 16Ed. 7/5/97 LAST NM 49/03 38/04
 Delete Solid line between 35°30'36.0"N 139°47'25.0"E
 35°30'31.0"N 139°47'22.0"E
 Add Solid line joining 35°30'32.5"N 139°47'17.0"E
 35°30'25.8"N 139°47'32.0"E
 35°30'23.9"N 139°47'50.0"E
 35°30'33.0"N 139°47'56.0"E
 35°30'38.0"N 139°47'48.0"E
 Solid line between 35°30'40.0"N 139°47'47.0"E
 35°30'48.0"N 139°47'30.0"E
 Solid line between 35°30'28.0"N 139°47'29.0"E
 35°30'42.0"N 139°47'42.0"E
 Purple composite line joining 35°30'23.9"N 139°47'50.0"E
 35°30'23.6"N 139°47'56.0"E
 35°30'44.0"N 139°48'17.0"E
 35°31'04.0"N 139°47'42.1"E
 Legend "Prohibited Area" 35°30'45.0"N 139°47'56.0"E
 Buoy "H" Y, pillar, "X" topmark, Fl Y 3s 35°30'23.6"N 139°47'56.0"E
 Buoy "D" Y, pillar, "X" topmark, Fl Y 3s 35°30'44.0"N 139°48'17.0"E
 (27(705)04 Tokyo)

97157 2Ed. 8/2/03 LAST NM 1/04 38/04
 Substitute Depth 7.2 meters for 0.2 meter 35°39'54.0"N 140°00'08.0"E
 Depth 6.8 meters for 0.4 meter 35°39'51.0"N 140°00'08.5"E
 Depth 9.6 meters for 10.8 meters 35°39'46.5"N 140°00'07.5"E
 Add Depth 11.2 meters 35°39'53.5"N 140°00'05.5"E
 Depth 11.2 meters 35°39'50.5"N 140°00'07.0"E
 Depth 11 meters 35°39'48.0"N 140°00'06.5"E
 Depth 12.1 meters 35°39'45.0"N 140°00'07.2"E
 Position circle [E33] "Silo" 35°39'52.8"N 140°00'11.3"E
 Position circle [E33] "Silo" 35°39'51.5"N 140°00'11.5"E
 Solid line (pier) [F14] between 35°39'52.8"N 140°00'09.1"E
 35°39'52.5"N 140°00'08.0"E
 Position circle "Dol" [F20] 35°39'51.0"N 140°00'08.0"E
 (27(704)04 Tokyo)

97273 11Ed. 5/31/03 LAST NM 33/04 38/04
 Change Light to Fl(2) R 8s 5M 33°54'07"N 130°59'54"E
 (Jpn LL)

SECTION I

NM 38/04

97274	19Ed. 6/27/98	LAST NM 21/04	38/04
Change	Light to Fl(2) R 8s 12m 5M	33°54'07"N 130°59'54"E	
(Jpn LL)			
97286	6Ed. 7/19/97	LAST NM 26/04	38/04
Change	Light to Fl(2) G 8s 10m 3M	33°55'12.9"N 130°53'57.8"E	
(Jpn LL)			
97320	6Ed. 1/18/97	LAST NM 34/04	38/04
Add	Submarine cable [L30.1] joining	32°26.6'N 131°43.7'E	
		32°26.6'N 131°41.0'E	
		32°26.7'N 131°40.6'E	
	Danger circle [K1] "Wave meter"	32°26.6'N 131°43.7'E	
(27/707)04	Tokyo)		
97420	17Ed. 9/20/97	LAST NM 28/04	38/04
Change	Light to Fl(2) R 6s 3M	33°54.6'N 130°39.6'E	
	Light to Fl R 5M	33°56.0'N 130°43.9'E	
	Light to Fl R 5M	33°53.2'N 130°34.1'E	
	Light to Fl(2) G 7M	33°52.9'N 130°31.6'E	
	Light to Fl R 7M	33°51.3'N 130°29.0'E	
	Light to Fl(2) R 5M	34°09.6'N 130°54.6'E	
	Light to Fl R 3s 5M	34°10.6'N 130°55.6'E	
	Light to Fl G 3s 3M	34°20.7'N 130°55.7'E	
(Jpn LL)			
97425	6Ed. 1/30/99	LAST NM 28/04	38/04
Change	Light to Fl R 3s 5M	33°53'14"N 130°34'04"E	
	Light to Fl(2) G 6s 7M	33°52'54"N 130°31'36"E	
	Light to Fl R 4s 7M	33°51'18"N 130°29'03"E	
(Jpn LL)			

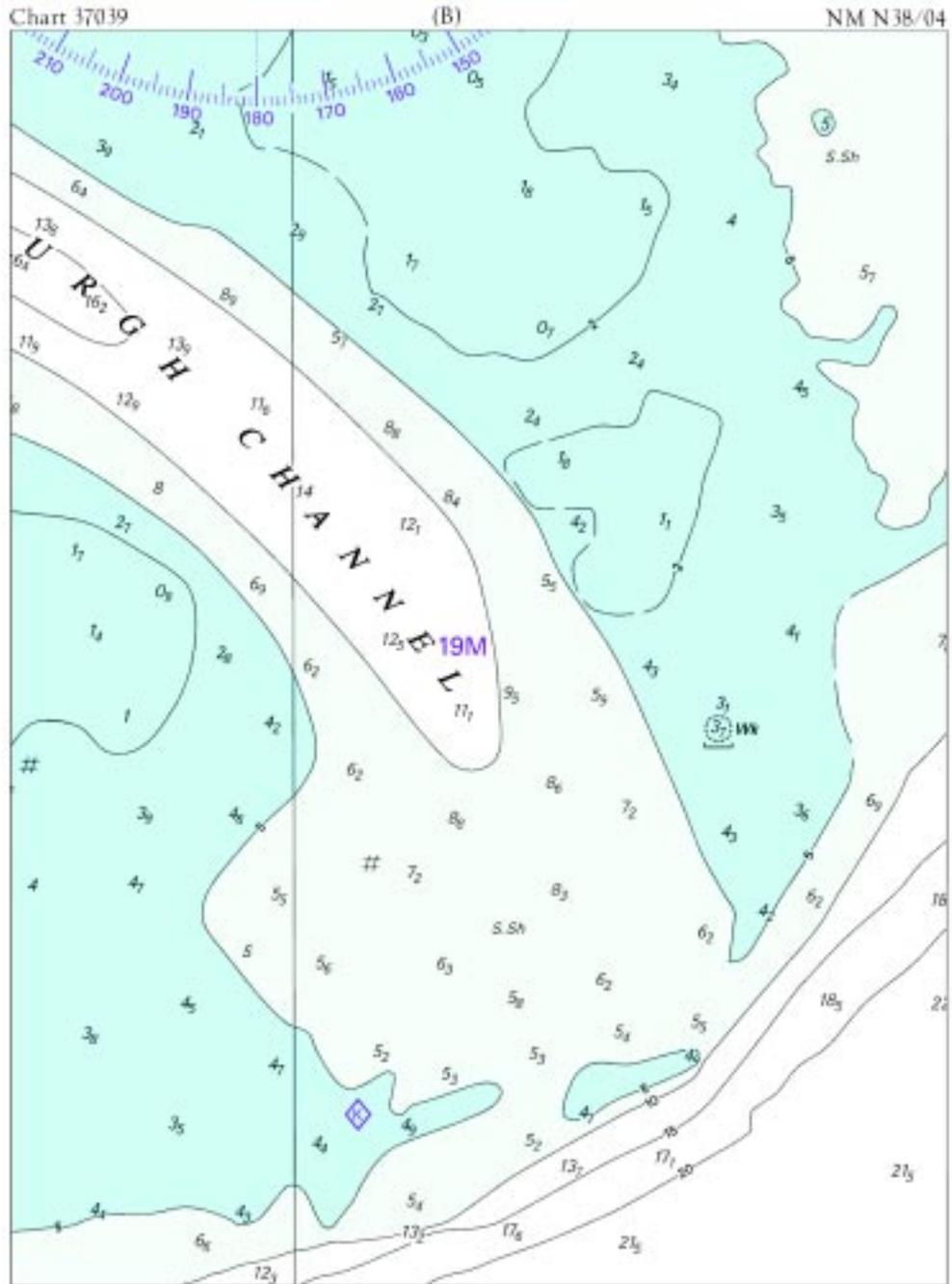


Chart 11322 (Side B)

NM 38/04

FREEPORT HARBOR CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2004							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
CHANNEL FROM DEEP WATER TO SEAWARD END OF JETTY	42.0	44.0	41.0	6-04	400	3.7	47
JETTY CHANNEL	42.0	44.0	37.0	6-04	400	1.2	45
LOWER TURNING BASIN THENCE TO BRAZOSPORT	39.0	40.0	43.0	6-04	750	0.9	45
TURNING BASIN	43.0	45.0	44.0	2-04	400-600	0.4	45
BRAZOSPORT TURNING BASIN CHANNEL TO UPPER	45.0	45.0	43.0	2-04	500-1000	0.2	45
TURNING BASIN	41.0	47.0	45.0	2-04	280-750	0.9	45
BRAZOS HARBOR APPROACH CHANNEL	38.0	39.0	40.0	2-04	200-650	0.5	36
BRAZOS HARBOR TURNING BASIN	35.0	38.0	38.0	2-04	750	0.1	36
UPPER TURNING BASIN CHANNEL TO STAUFFER	46.0	46.0	47.0	2-04	600-1190	0.2	45
TURNING BASIN	17.0	19.0	17.5	11-88	200	1.0	25
STAUFFER TURNING BASIN	18.0	18.0	16.0	11-88	500	0.1	25

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

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

Chart 11323

NM 38/04

GALVESTON BAY ENTRANCE - CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2004								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT).					PROJECT DIMENSIONS			
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
ENTRANCE CHANNEL	38.0	41.0	43.0	40.0	5-04	800-1000	7.5	45
OUTER BAR CHANNEL	35.0	44.0	46.0	52.0	1-04	800	1.5	45
INNER BAR CHANNEL	37.0	41.0	42.0	34.0	1-04	800	2.9	45

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

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

Chart 11324

NM 38/04

GALVESTON BAY AND HOUSTON SHIP CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2004								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT)					PROJECT DIMENSIONS			
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
GALVESTON HARBOR:								
ENTRANCE CHANNEL	38.0	41.0	43.0	40.0	5-04	800-1000	7.5	45
OUTER BAR CHANNEL	35.0	44.0	46.0	52.0	1-04	800	1.5	45
INNER BAR CHANNEL	37.0	41.0	42.0	34.0	1-04	800	2.9	45
BOLIVAR ROADS CHANNEL	47.0	49.0	47.0	41.0	1-04	800	0.7	45
HOUSTON SHIP CHANNEL:								
BOLIVAR ROADS TO LOWER END OF MORGAN PT.	36.0	41.0	42.0	34.0	1-04	400-530	23.4	40
GALVESTON CHANNEL	28.0	35.0	30.0	20.0	5-04	1125-1075	3.5	40
TEXAS CITY CHANNEL	39.0	43.0	42.0	40.0	5-04	400	5.9	40
TEXAS CITY TURNING BASIN	41.0	42.0	44.0	43.0	5-04	1200	0.5	40

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

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

SECTION I

NM 38/04

Chart 11332

NM 38/04

SABINE PASS CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2004								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
SABINE BANK CHANNEL	40	42	43	35	1-04	800	12.8	42
OUTER BAR CHANNEL	39	41	40	37	6-04	800	3.0	42
JETTY CHANNEL	35	43	42	31	4-04	800-500	3.5	40

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

Chart 11341

NM 38/04

SABINE PASS CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2004								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
SABINE BANK CHANNEL	40	42	43	35	1-04	800	12.8	42
OUTER BAR CHANNEL	39	41	40	37	6-04	800	3.0	42
JETTY CHANNEL	35	43	42	31	4-04	800-500	3.5	40

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

Chart 11342

NM 38/04

SABINE PASS - SABINE - NECHES CANAL CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2004								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
SABINE PASS:								
OUTER BAR CHANNEL	42	42	42	40	1-04	800	3.0	42
JETTY CHANNEL	35	43	42	31	4-04	800-500	3.5	40
PASS CHANNEL	21	27	40	25	1-04	500-1150	4.9	40
ANCHORAGE BASIN	33	21	11	1	1-04	1500	0.5	40
PORT ARTHUR SHIP CANAL	36	41	39	34	5-04	500	4.8	40
JUNCTION PORT ARTHUR- SABINE NECHES CANALS	35	41	37	36	5-04	400-1200	1.1	40
ENTRANCE TO PORT ARTHUR TURNING BASINS	36	39	39	37	4-04	282-735	0.2	40
EAST TURNING BASIN	39	39	39	38	4-04	370-547	0.3	40
WEST TURNING BASIN	38	38	39	38	4-04	350-735	0.3	40
CHANNEL CONNECTING WEST BASIN AND TAYLOR BAYOU TURNING BASIN	38	42	41	37	4-04	200-350	0.5	40
TAYLOR BAYOU TURNING BASIN	23	38	39	33	4-04	90-1233	0.6	40
SABINE-NECHES CANAL:								
PORT ARTHUR TO NECHES RIVER	23	36	33	25	1-04	400	9.6	40
NECHES RIVER TO SABINE RIVER	26	26	26	24	1-04	200	3.9	30

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

SECTION I

NM 38/04

Chart 11343

NM 38/04

SABINE AND NECHES RIVERS CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2004								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH (FEET)
SABINE-NECHES CANAL :								
PORT ARTHUR TO NECHES RIVER	35	40	38	30	6-04	400	9.6	40
NECHES RIVER TO SABINE RIVER	26	26	26	24	1-04	200	3.9	30
NECHES RIVER:								
MOUTH TO SMITH BLUFF	29	34	38	35	2-04	400	8.3	40
TURNING BASIN AT DEER BAYOU	40	39	39	37	2-04	700	0.2	40
TURNING BASIN AT SMITHS BLUFF	42	41	41	38	2-04	1400-400	0.2	40
SMITH BLUFF TO BEAUMONT	33	38	37	29	2-04	400	7.5	40
TURNING BASIN (30°02'12"N, 94°01'58"W)	41	42	42	41	2-04	400-1306	0.2	40
CHANNEL EXTENSION	38	38	39	38	2-04	350	0.2	36
MANEUVERING AREA (30°04'44"N, 94°05'05"W)	35	38	37	32	2-04	400-1000	0.6	40
BEAUMONT TURNING BASIN	37	35	36	30	4-03	400-535	0.2	34
TURNING BASIN EXTENSION	33	33	30	24	2-04	300	0.2	34
THENCE TO TRINITY INDUSTRIES	16	22	20	14	2-04	200	0.6	30
SABINE RIVER:								
MOUTH TO ORANGE MUNICIPAL SLIP	27	31	31	26	2-04	200	6.6	30
ORANGE TURNING BASIN	31	32	32	31	2-04	200 - 1400	0.6	30
ORANGE MUNICIPAL SLIP	23	30	25	23	2-04	150-200	0.5	30
ORANGE MUNICIPAL SLIP TO OLD HIGHWAY BRIDGE SITE	31	31	31	29	2-04	200	2.2	30
CHANNEL AROUND ORANGE HARBOR ISLAND	13	17	19	18	4-04	150-200	1.6	25
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 11347 (Side A)

NM 38/04

CALCASIEU PASS AND RIVER								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAY 2004								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH (FEET)
BAR CHANNEL	38.0	41.0	40.0	27.0	3-04	800	19.1	42
JETTY CHANNEL TO (29°46'00.0"N, 93°20'40.0"W)	32.0	46.0	47.0	47.0	12-03;3-04	400	1.4	40
THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	27.0	39.0	41.0	35.0	12-03;2-04;5-04	400	6.0	40
THENCE TO A POINT (29°58'00.0"N, 93°20'10.0"W)	27.0	35.0	37.0	30.0	5-04	400	6.0	40
THENCE TO A POINT (A) (30°04'00.0"N, 93°19'38.0"W)	33.0	37.0	37.0	31.0	5-04	400	6.0	40
THENCE TO A POINT (B) (30°09'00.0"N, 93°19'58.0"W)	32.0	37.0	37.0	31.0	5-04	400	5.0	40
THENCE TO 210 BRIDGE	33.0	35.0	34.0	32.0	5-04	400	4.4	40
THENCE TO END OF 400 CHANNEL (30°13'09.0"N, 93°15'08.0"W)	33.0	39.0	35.0	34.0	1-04	400	2.0	40
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

SECTION I

NM 38/04

Chart 11347 (Side B)

NM 38/04

CALCASIEU PASS AND RIVER								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAY 2004								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
BAR CHANNEL	38.0	41.0	40.0	27.0	3-04	800	19.1	42
JETTY CHANNEL TO (29°46'00.0"N, 93°20'40.0"W)	32.0	46.0	47.0	47.0	12-03;3-04	400	1.4	40
THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	27.0	39.0	41.0	35.0	12-03;2-04;5-04	400	6.0	40
THENCE TO A POINT (29°58'00.0"N, 93°20'10.0"W)	27.0	35.0	37.0	30.0	5-04	400	6.0	40
THENCE TO A POINT (A) (30°04'00.0"N, 93°19'38.0"W)	33.0	37.0	37.0	31.0	5-04	400	6.0	40
THENCE TO A POINT (B) (30°09'00.0"N, 93°19'58.0"W)	32.0	37.0	37.0	31.0	5-04	400	5.0	40
THENCE TO 210 BRIDGE	33.0	35.0	34.0	32.0	5-04	400	4.4	40
THENCE TO END OF 400 CHANNEL (30°13'09.0"N, 93°15'08.0"W)	33.0	39.0	35.0	34.0	1-04	400	2.0	40

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

Chart 11376

NM 38/04

MOBILE BAY AND RIVER CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAY 2004								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)	
ENTRANCE CHANNEL	41.2	47.0	41.7	5-04	600	7.0	47	
MOBILE BAY:								
LOWER REACH (TO LIGHT 50)	41.5	43.6	41.1	5-04	400	11.8	45	
UPPER REACH	39.8	43.9	38.7	5-04	400	13.4	40-45	
MOBILE RIVER:								
PINTO ISLAND REACH	32.6	37.6	36.8	5-04	700-800	0.6	40	
MOBILE CHANNEL	34.6	39.0	37.4	5-04	600	1.5	40	
MOBILE TURNING BASIN	40.0	40.0	40.0	5-04	200-675	0.4	40	
BLAKELEY ISLAND REACH	40.0	40.0	39.0	5-04	500	1.0	40	
ST. LOUIS POINT REACH	19.7	24.9	22.6	12-03	500	0.2	25	
CHICKASAW CREEK CHANNEL	12.7	19.4	22.6	12-03	250	2.7	25	
ARLINGTON CHANNEL	17.3	18.8	18.4	9-03	150	1.4	27	
OCEAN TERMINAL TURNING BASIN	17.4	18.4	11.1	9-03	600	0.1	27	
THEODORE SHIP CHANNEL:								
BAY CUT	39.1	40.0	39.1	4-04	400	4.5	40	
ANCHORAGE AREA	40.0	40.0	39.9	9-01	300	0.2	40	
LAND CUT	36.6	38.4	A36.6	9-01	300	1.5	40	
TURNING BASIN	37.0	38.0	34.8	9-01	1400	0.3	40	
BARGE CHANNEL	9.5	10.5	7.9	1-04	100	1.1	12	

A. ROCK OBSTRUCTIONS REPORTED FROM BUOY "20", CONTINUING FOR APPROXIMATELY 600 FEET EASTWARD. MINIMUM DEPTH OVER ROCKS IS 38 FEET.

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

SECTION I

NM 38/04

Chart 12221

NM 38/04

THIMBLE SHOAL AND CHESAPEAKE BAY ENTRANCE CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO FEB 2004								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
THIMBLE SHOAL CHANNEL (A)								
NORTH ELEMENT (B)	47.6	46.5	45.6	44.1	6,7,9-00	350	13.0	55
SOUTH ELEMENT (C)	49.7	50.0	49.7	50.3	6,7,9-00	650	13.0	55
NORTH AUXILIARY CHANNEL (D)						450		32
SOUTH AUXILIARY CHANNEL (D)						450		32
CAPE HENRY CHANNEL	47.4	52.3	52.5	49.3	1,12-02	1000	4.0	50
YORK SPIT CHANNEL	45.1	49.4	49.5	47.2	11-99;2-00;9,11-02	1000(E)	18.4	50
YORK RIVER ENTRANCE CHANNEL	37.7	38.3	38.2	37.6	11-03;2-04	750	13.8	37

A. CHANNEL IS RESTRICTED TO EXCLUDE VESSELS AND TOWS DRAWING LESS THAN 25 FEET.
 B. PORTION OF PROJECT MAINTAINED TO 45 FEET.
 C. PORTION OF PROJECT MAINTAINED TO 50 FEET.
 D. PROJECT MAINTENANCE DISCONTINUED.
 E. CHANNEL WIDTH MAINTAINED TO 800 FEET.
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION.

Chart 12238

NM 38/04

YORK RIVER ENTRANCE CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO FEB 2004								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
YORK RIVER ENTRANCE	37.7	38.3	38.2	37.6	11-03;2-04	750	13.8	37

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

Chart 12252

NM 38/04

JAMES RIVER TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS SURVEYS TO FEB 2004			
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)			
NAME OF CHANNEL	DEPTH MLLW (FEET)	WIDTH (FEET)	DATE OF SURVEY
HOPEWELL TO RICHMOND DEEPWATER TERMINAL 37°27'05.0"N, 77°25'07.4"W	24.7	200	6-01
CHANNEL ADJOINING TURNING BASIN	24.9	200	2-04
TURNING BASIN	25.0	385	2-04
THENCE TO RICHMOND HARBOR TURNING BASIN	16.1	200	3,6-03
TURNING BASIN	9.6	140-175	3-03
THENCE TO THE LOCKS	7.7	200	3-03

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE

SECTION I

NM 38/04

Chart 12273

NM 38/04

CHESAPEAKE AND DELAWARE CANAL CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2004							
* SEE FOOTNOTE					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH * (MILES)	DEPTH * (FEET)
3400 YARDS SOUTH OF POOLES ISLAND TO THE SOUTH END OF POOLES ISLAND	40.0	40.1	39.6	10-03	400	1.68	35
SOUTH END OF POOLES ISLAND TO WORTON POINT	38.1	38.4	38.1	12-03	400	4.16	35
WORTON PT. TO HOWELL PT.	37.2	38.3	37.9	12-03	400	4.84	35
HOWELL PT. TO GROVE PT.	35.1	39.2	39.6	7-03	400	3.37	35
GROVE PT. TO TURKEY PT.	35.1	36.0	33.7	7-03	400	3.40	35
TURKEY PT. TO OLD TOWN POINT WHARF	35.3	38.3	37.7	9-03	400	5.45	35
OLD TOWN PT. WHARF TO COURTHOUSE PT.	36.3	36.8	33.7	9-03	400	1.63	35
COURTHOUSE PT. TO CHESAPEAKE CITY BRIDGE	35.7	33.8	32.7	5-04	400	3.69	35
CHESAPEAKE CITY BRIDGE TO BETHEL	32.7	33.3	34.3	5-04	400	1.51	35

* CONTROLLING CHANNEL DEPTHS IN FEET AT LOCAL MEAN LOWER LOW WATER ENTERING FROM CHESAPEAKE BAY. PROJECT LENGTHS IN NAUTICAL MILES.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 12274

NM 38/04

CHESAPEAKE AND DELAWARE CANAL CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2004							
* SEE FOOTNOTE					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH * (MILES)	DEPTH * (FEET)
3400 YARDS SOUTH OF POOLES ISLAND TO THE SOUTH END OF POOLES ISLAND	40.0	40.1	39.6	10-03	400	1.68	35
SOUTH END OF POOLES ISLAND TO WORTON POINT	38.1	38.4	38.1	12-03	400	4.16	35
WORTON PT. TO HOWELL PT.	37.2	38.3	37.9	12-03	400	4.84	35
HOWELL PT. TO GROVE PT.	35.1	39.2	39.6	7-03	400	3.37	35
GROVE PT. TO TURKEY PT.	35.1	36.0	33.7	7-03	400	3.40	35
TURKEY PT. TO OLD TOWN POINT WHARF	35.3	38.3	37.7	9-03	400	5.45	35
OLD TOWN PT. WHARF TO COURTHOUSE PT.	36.3	36.8	33.7	9-03	400	1.63	35
COURTHOUSE PT. TO CHESAPEAKE CITY BRIDGE	35.7	33.8	32.7	5-04	400	3.69	35
CHESAPEAKE CITY BRIDGE TO BETHEL	32.7	33.3	34.3	5-04	400	1.51	35

* CONTROLLING CHANNEL DEPTHS IN FEET AT LOCAL MEAN LOWER LOW WATER ENTERING FROM CHESAPEAKE BAY. PROJECT LENGTHS IN NAUTICAL MILES.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SECTION I

NM 38/04

Chart 12277

NM 38/04

CHESAPEAKE AND DELAWARE CANAL CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2004							
* SEE FOOTNOTE					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH * (MILES)	DEPTH * (FEET)
TURKEY POINT TO OLD TOWN POINT WHARF	35.3	38.3	37.7	9-03	400	5.45	35
OLD TOWN POINT WHARF TO COURTHOUSE POINT	36.3	36.8	33.7	9-03	400	1.63	35
COURTHOUSE PT. TO CHESAPEAKE CITY BRIDGE	35.7	33.8	32.7	5-04	400	3.69	35
CHESAPEAKE CITY BRIDGE TO BETHEL	32.7	33.7	34.3	5-04	400	1.51	35
BETHEL TO GUTHRIE BRANCH	32.9	36.2	35.0	5-04	400	1.13	35
GUTHRIE BRANCH TO SUMMIT BRIDGE	39.8	34.7	40.6	5-04	400	1.02	35
SUMMIT BRIDGE TO RAILROAD BRIDGE	32.9	32.9	36.0	9-03	400	1.65	35
RAILROAD BRIDGE TO ST. GEORGES BRIDGE	36.9	36.9	33.8	9-03	400	2.57	35
ST. GEORGES BRIDGE TO BIDDLE POINT	33.6	36.1	35.4	9-03	400	1.58	35
BIDDLE POINT TO REEDY POINT BRIDGE	35.7	35.8	34.4	9-03	400	1.68	35
REEDY POINT BRIDGE TO DELAWARE RIVER	34.1	34.9	34.4	9-03	400	1.63	35

* CONTROLLING CHANNEL DEPTHS IN FEET AT LOCAL MEAN LOWER LOW WATER ENTERING FROM CHESAPEAKE BAY.
PROJECT LENGTHS ARE GIVEN IN NAUTICAL MILES UNLESS OTHERWISE INDICATED.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 12278

NM 38/04

CHESAPEAKE AND DELAWARE CANAL CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2004							
* SEE FOOTNOTE					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH * (MILES)	DEPTH * (FEET)
3400 YARDS SOUTH OF POOLES ISLAND TO THE SOUTH END OF POOLES ISLAND	40.0	40.1	39.6	10-03	400	1.68	35
SOUTH END OF POOLES ISLAND TO WORTON POINT	38.1	38.4	38.1	12-03	400	4.16	35
WORTON PT. TO HOWELL PT.	37.2	38.3	37.9	12-03	400	4.84	35

* CONTROLLING CHANNEL DEPTHS IN FEET AT LOCAL MEAN LOWER LOW WATER ENTERING FROM CHESAPEAKE BAY.
PROJECT LENGTHS IN NAUTICAL MILES.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SECTION I

NM 38/04

Chart 12369

NM 38/04

BRIDGEPORT AND BLACK ROCK HARBORS - CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2004 AND SURVEYS TO OCT 2003							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH (FEET)
BRIDGEPORT ENTRANCE CHANNEL	31.0	32.0	28.9	10-03	400	2.5	35
BRIDGEPORT REACH	24.4	26.2	24.1	10-03	400-600	0.9	35
PEQUONNOCK RIVER							
LOWER REACH	7.5	12.0	A 12.0	10-03	69-300	0.5	18
UPPER REACH	B 8.2	C 7.9	D 7.1	10-03	69-125	0.4	18
JOHNSONS CREEK							
ENTRANCE CHANNEL	11.1	10.7	E 8.8	10-03	200-350	0.7	15
NEWFIELD REACH	9.9	9.0	6.6	7-90,3-00	100	0.2	9
YELLOW MILL CHANNEL							
LOWER REACH	13.9	14.8	16.2	10-03	200-100	0.3	18
MIDDLE REACH	12.1	14.4	11.0	10-03	200-100	0.3	18
UPPER REACH	F 9.5	G 11.4	H 10.1	10-03	150	0.3	18
BLACK ROCK ENTRANCE CHANNEL	9.3	13.2	11.2	2-03	150	1.1	18
BLACK ROCK REACH	8.5	12.7	10.7	2-03	150	0.6	18
CEDAR CREEK CHANNEL	11.0	12.6	11.3	2-03	200-150	0.4	18
WEST BRANCH	14.2	13.7	13.8	2-03	100	0.3	18
EAST BRANCH	I 14.4	J 14.9	K 12.4	2-03	100	0.2	18

A. EXCEPT FOR SHOALING TO 5.3 FEET AT 41°10'54.0"N, 73°11'06.0"W.
 B. EXCEPT FOR SHOALING TO 4.2 FEET IN THE LAST 300 FEET OF CHANNEL.
 C. EXCEPT FOR SHOALING TO 1.6 FEET IN THE LAST 300 FEET OF CHANNEL.
 D. EXCEPT FOR SHOALING TO 1.6 FEET IN THE LAST 300 FEET OF CHANNEL.
 E. EXCEPT FOR SHOALING TO 3.6 FEET AT 41°09'56.0"N, 73°10'02.3"W.
 F. EXCEPT FOR SHOALING TO BARE THE LAST 300 FEET OF CHANNEL.
 G. EXCEPT FOR SHOALING TO 3.4 FEET IN THE LAST 300 FEET OF CHANNEL.
 H. EXCEPT FOR SHOALING TO 2.0 FEET IN THE LAST 300 FEET OF CHANNEL.
 I. EXCEPT FOR SHOALING TO 5.4 FEET THE LAST 200 FEET OF THE CHANNEL.
 J. EXCEPT FOR SHOALING TO 5.2 FEET THE LAST 200 FEET OF THE CHANNEL.
 K. EXCEPT FOR SHOALING TO 2.8 FEET THE LAST 200 FEET OF THE CHANNEL.
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 14853 (Page 11)

NM 38/04

RIVER ROUGE CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAY 2004							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GREAT LAKES LOW WATER DATUM (LWD)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH (LWD) (FEET)
SHORT CUT CANAL							
ENTRANCE TO WEST JEFFERSON AVE. BRIDGE	19.4	22.3	13.2	4,5-04	100-400	1.08	21
WEST JEFFERSON AVE. BRIDGE TO I-75 BRIDGE	17.9	21.2	18.1	4,5-04	100-200	.74	21
I-75 BRIDGE TO DIX AVE. BRIDGE	14.2	19.8	16.2	5-04	100-200	.91	21
DIX AVE. BRIDGE TO END	13.6	17.4	15.6	5-04	100-800	.25	21
OLD CHANNEL							
ENTRANCE TO 42°17'19.9"N 83°06'27.5"W	23.9	24.0	18.5	5-04	100-300	.25	25
42°17'19.9"N 83°06'27.5"W TO 42°17'23.2"N 83°06'46.0"W	17.0	19.6	4.7	5-04	100	.27	18
42°17'23.2"N 83°06'46.0"W TO RR SWING BRIDGE	14.5	18.7	12.5	5-04	100	.29	17
RR SWING BRIDGE TO SHORT CUT CANAL	13.2	15.4	12.5	5-04	100-600	.76	17

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

SECTION I

NM 38/04

Chart 14854

NM 38/04

RIVER ROUGE CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAY 2004							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GREAT LAKES LOW WATER DATUM (LWD)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH LWD (FEET)
SHORT CUT CANAL	19.4	22.3	13.2	4,5-04	100-400	1.08	21
ENTRANCE TO WEST JEFFERSON AVE. BRIDGE	17.9	21.2	18.1	4,5-04	100-200	.74	21
WEST JEFFERSON AVE. BRIDGE TO I-75 BRIDGE	14.2	19.8	16.2	5-04	100-200	.91	21
I-75 BRIDGE TO DIX AVE. BRIDGE	13.6	17.4	15.6	5-04	100-800	.25	21
DIX AVE. BRIDGE TO END							
OLD CHANNEL	23.9	24.0	18.5	5-04	100-300	.25	25
ENTRANCE TO 42°17'19.9"N 83°06'27.5"W	17.0	19.6	4.7	5-04	100	.27	18
42°17'19.9"N 83°06'27.5"W TO 42°17'23.2"N 83°06'46.0"W	14.5	18.7	12.5	5-04	100	.29	17
42°17'23.2"N 83°06'46.0"W TO RR SWING BRIDGE	13.2	15.4	12.5	5-04	100-600	.76	17
RR SWING BRIDGE TO SHORT CUT CANAL							

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

Chart 18581

NM 38/04

YAQUINA BAY AND RIVER CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 2004							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
CHANNEL ENTRANCE							
44°36'23"N, 124°05'24"W							
TO FIRST TURN	25	31	27	7-04	400-300	1.3	40-30
THENCE TO TURNING BASIN	24	27	25	4-03	300-400	1.3	30
TURNING BASIN	16	21	23	4-03	300-1200	0.3	30
THENCE TO YAQUINA	13	12	12	6-00	200	1.6	18
THENCE TO END OF PROJECT	2A	07	5B	7-98;7-00;11-00	150	9.7	10

A. SHOAL TO BARE AT 44°36'57.89"N, 123°56'34.87"W.
 B. SHOAL TO BARE FROM 44°36'49.6"N, 123°56'55.4"W TO 44°36'57.3"N, 123°56'42.7"W .
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18583

NM 38/04

SIUSLAW RIVER							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAR 2004							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
ENTRANCE TO HIGHWAY BRIDGE	9	10	11	3-04	300-200	5.0	18-16
TURNING BASIN	10	8	7	3-04	400	0.3	16
TURNING BASIN TO CUSHMAN	8	9	8	7-99;3-04	150	2.1	12

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

SECTION I

NM 38/04

Chart 18587

NM 38/04

COOS BAY AND ISTHMUS SLOUGH CHANNEL DEPTHS TABULATED FROM SURVEYS AND REPORTS BY THE COPRS OF ENGINEERS - SURVEYS TO JUL 2004							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
ENTRANCE RANGE	39	39	38	6-04	---	1.9	47-37
ENTRANCE RANGE AND TURN	39	48	31	3-04	300-1050	0.5	37
INSIDE RANGE	38	38	38	3-04	300	0.6	37
COOS BAY RANGE	36	37	36	3-04; 5-04	300	1.6	37
EMPIRE RANGE	36	38	38	5-04	300	1.3	37
LOWER JARVIS RANGE	37	37	37	5-04	300	0.8	37
JARVIS TURN	38	40	37	5-04	300	0.5	37
UPPER JARVIS RANGE	32	35	35	7-04	300-700	1.9	37
NORTH BEND LOWER RANGE	39	38	38	7-04	400	0.4	37
NORTH BEND RANGE	34	37	36	6-04	400	0.9	37
NORTH BEND UPPER RANGE	37	38	36	6-04	400	0.6	37
LOWER TURNING BASIN	36	37	35	6-04	400-900	0.3	37
FERNDALE LOWER RANGE	39	40	38	6-04	400	0.4	37
FERNDALE TURN	35	38	38	6-04	400	0.2	37
FERNDALE UPPER RANGE	27	37	35	6-04	400	0.7	37
MARSHFIELD RANGE	37	35	31	6-04	400	0.4	37
MARSHFIELD RANGE TO ISTHMUS SLOUGH	35	34	35	6-04	150-750	0.9	37
ISTHMUS SLOUGH	19	20	19	4-85	150	2.0	22

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

Chart 18588

NM 38/04

COQUILLE RIVER CHANNEL TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAY 2004 AND SURVEYS TO JUN 2004							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
A ENTRANCE CHANNEL	14	15	13	6-04	200	0.33	13.0
ENTRANCE CHANNEL TO PORT DOCK (43°07'15.9"N, 124°24'50.5"W)	15	13	8	6-04	200	0.63	13.0
THENCE TO END OF PROJECT	11	13	16	6-04	150	0.38	13.0

A. THE ENTRANCE CHANNEL IS SUBJECT TO FREQUENT CHANGES AND THE DEEPEST WATER IS NOT ALWAYS ON THE RANGE.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 74393

NM 38/04

NOTE

The Traffic Separation Scheme on this chart has not been adopted by the IMO.

Chart 74394

NM 38/04

NOTE

The Traffic Separation Scheme on this chart has not been adopted by the IMO.

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 29/03 THROUGH NM 38/04**

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	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	11447	36	11*,14,31,32/04
13	1	27/04	11300	39	30,31,32,34,35,36,44,45,50,51/03;5,6,7,10,15,18,20,23,25,34,35,37/04	11359	11	49,50/03;19,32/04	11450	9	12/04*
21	4	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;1,2,3,5,7,11,13,14,15,20,22,25,35,36/04	11451	31	11,14,31/04
22	1	4/04	11302	30	48/03*;1,7,17,27/04				11460	39	15*,19/04
50	6	32*,34,40,50/03	11304	13	33/04*	11361	71	11*,12,13,17,19,23,24,25,27,33,34,37/04	11461	5	39,52/03
53	2	34,50/03	11305	1	N32/03;N1,N13,N23,N26,N36/04	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,N36/04	11462	24	11,31/04
70	4	34/03	11307	36	35,52/03;1/04				11463	17	11,31/04
71	4	34/03	11308	22	32/03;13,23,36,38/04				11464	16	31/04
73	4	34/03	11309	37	48*,50/03;1,13,23,36,38/04				11465	36	40/03
103	5	9/04	11310	1	N32/03;N1,N12/04				11466	36	30*,31,40/03;11,14/04
105	4	28/04	11311	23	1,12,36/04	11363	39	47*,50,51/03;1,4,5,6,12,13,14,17,20,23,25,26,28,32,34,35,37,38/04	11467	38	5,14,16,29/04
108	9	34,39/03;19,21/04	11312	3	32/03;1,13,25,26,36/04	11364	39	30,33,34,35,43,50,51/03;1,4,6,13,14,21,25,26,28,37/04	11468	40	16/04*
120	6	39/03	11313	22	36,52/03;4,14,20,25/04				11469	6	36/04*
124	10	34,39/03;27/04	11314	23	15/04*	11365	17	32,34,50/03;3,6,7,14,15,20,23,25,35,38/04	11470	36	40/03;16,29/04
145	16	39/03;27/04	11315	31	48/03*	11366	8	52/03*;1,3,5,7,11,12,13,14,15,19,23,25,32,35,36/04	11471	1	N32/04*
200	3	37/03	11316	39	29,34/03;1,15,27,37,38/04				11472	31	40/03;14,32,34/04
204	4	4/04	11317	30	12*,19,27,38/04				11473	10	52/03
211	5	4/04	11318	1	N44,N50/03;N1,N13,N23,N36,N38/04	11367	32	38*,45,46,51/03;14,25,28,33/04	11474	17	25*,34/04
301	1	35/04	11319	31	29,30,34/03	11368	23	34/04*	11475	20	22*,29/04
302	1	35/04	11320	1	N52/03	11369	44	43,50/03;1,6,13,28/04	11476	6	N15,N29/04
310	20	52/03;6,35/04	11321	29	31,34/03;7,10,13,14,18,20,33,35/04	11370	25	38/04*	11477	20	32*,50,52/03;13,29/04
400	3	29,33,34/03;6,19,25,27,36,37/04	11322	28	30,34,35,42,47/03;1,7,14,17,27,38/04	11371	36	35*,48/03;4,6,12,37/04	11478	20	32*,50,52/03;13,29/04
401	5	29,33,34,44/03;6,19,21,25,27,36,37,38/04	11323	60	47*,49,51/03;1,3,5,6,9,15,17,19,20,25,26,35,37,38/04	11372	31	23*,25,37/04	11479	4	N31,N34,N40,N52/03;N19,N38/04
402	4	27/04	11324	33	47*,49,52/03;1,14,17,19,20,26,27,33,37,38/04	11373	43	48*,49/03;1,3,4,5,7,14,17,20,22,24,34,36,37/04	11480	38	30/03*;14,21,31,34,38/04
411	49	29,30,31,33,44,52/03;1,5,6,16,19,21,25,36,37,38/04	11325	35	38,42,47/03;1,14,17,27,37/04	11374	32	2*,7,14,17,20,22,24,25,34,36,38/04	11481	5	22*,29/04
500	8	32*,34,41/03	11326	32	15*,16,17,19,20,23,26,33,34,37,38/04	11375	35	29,47,51/03;1,7,14,17,20,22,24,34,36,37/04	11482	22	11*,29,38/04
501	12	40,41/03;4,6,11,19,35/04	11327	31	46*,52/03;1,14,16,17,19,27,33,34,38/04	11376	49	48*,49/03;5,7,11,16,17,19,20,23,35,38/04	11483	33	38/04
502	2	40,44/03;11/04	11328	23	43*,52/03;1,2,4,6,7,14,17,23,27,37,38/04	11377	5	38*,44/03;7,14,17,20,23,35/04	11484	15	36/03*-38/04
503	4	1,27/04	11329	35	48*,49,52/03;2,6,7,14,17,23,27,33,38/04	11378	33	16*,20,23,24,32/04	11485	24	50/03;16/04
504	4	23,26/04	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	11379	50	52/03*;13,24,32/04	11486	35	19*,29,32,34/04
510	3	40/03;17/04	11331	19	12*,14,25,36/04	11380	34	2*,13,24/04	11487	19	50/03;14/04
511	4	17/04	11332	29	24*,25,26,27,35,38/04	11381	26	23*,36/04	11488	33	30,34,50,52/03;14,32,36/04
512	2	11,20/04	11333	21	N35/03	11382	17	18*,20,35/04	11489	19	50/03;14/04
513	7	34/04*	11334	68	37*,38,45,46,49,50,51,52/03;1,2,3,4,5,6,7,10,13,14,15,16,17,19,20,23,25,26,32,33,34,35,36,37,38/04	11383	32	32,42,51/03;2,7,13,14,16,17,23,24,33,34,35/04	11490	16	14/04
514	7	16/04*	11340	1	N35/03	11384	23	19*,20,23,24,26,33,34,35/04	11491	29	18*,29,32/04
520	127	34,40,41/03;4,11,26,27,35/04	11341	40	18*,25,26,27,35,37,38/04	11385	26	23*,36/04	11492	40	2*,14,29,32,34/04
521	11	34,50/03;11,20/04	11342	52	29,31,34,35,42,46,47/03;1,6,13,14,17,27,36,37,38/04	11386	17	18*,20,35/04	11493	25	25,31,36/04
523	8	34,50/03;11,20,26/04	11343	37	48*,49,50/03;4,17,27,36,38/04	11387	32	32,42,51/03;2,7,13,14,16,17,23,24,33,34,35/04	11494	40	34,43,51,52/03;14,16,21,29/04
524	12	34/03	11344	35	29,31,34,38,43,46,47/03;4,5,9,14,16,17,24,34,35,37/04	11388	40	18*,24/04	11495	31	16,32/04
525	3	40/03	11345	31	38/03;4,37/04	11389	30	30,35,42/03;13,14/04	11496	21	32/04
526	10	26/04	11346	34	38/04*	11390	35	30*,36/04	11497	11	31/04*
530	30	34,40,41,44,50/03;4,7,11,19,21,23,26,27,33,34/04	11347	20	43*,47,51/03;4,24,25,36/04	11391	23	2*,3,7,14,16,17,23,24,33,34,35/04	11498	19	25*,32/04
531	22	21/04*	11348	20	43*,47,51/03;4,24,25,36/04	11392	6	32,50/03;3,14/04	11499	11	36/04*
532	17	34,50/03;11,15,20/04	11349	41	22*,23,25,33,35,38/04	11393	20	30,35,42/03;13,14/04	11500	59	34,43,51/03;14,16,21,25,29,31,36/04
540	17	16*,23,26/04	11350	25	43/03*	11394	35	30*,36/04	11501	24	30*,34/04
541	2	26/04	11351	38	30,31,34,48,50,51,52/03;1,3,5,10,12,13,14,15,25,26,33,37,38/04	11395	40	18*,24/04	11502	27	38/04*
600	5	45/03	11352	37	13*,14,15,20,25,35,37/04	11396	42	18*,31,32,34,36/04	11503	30	43*,50/03;29,32,34/04
601	4	38/03	11353	3	9*,13,14,19,26,28,34,37,38/04	11400	6	12,13,14,15,16,32,36/04	11504	33	19/04*
602	6	38/03	11354	24	31,34,48,51/03;1,10,12,14,15,37,38/04	11401	6	15*,16,29,31,34,36/04	11505	12	39/03;14/04
604	5	38/03;22/04	11355	26	23/04*	11402	21	30*,34/03	11506	17	18*,27/04
607	1	45/03	11356	35	38*,51,52/03;3,4,6,13,14,19,25,26,33,35,36,37,38/04	11403	22	10/04*	11507	35	18*,19/04
623	9	36/03	11357	36	38*,52/03;2,3,5,12,14,15,17,20,23,26,37,38/04	11404	29	38/03*;33/04	11508	34	51/03*-9,11,12,19,31,33/04
624	3	7/04				11405	11	33/04	11509	16	25/04*
703	4	44/03				11406	28	21/04	11510	27	30/04*
706	4	44/03				11407	28	32/03*-15/04	11511	19	39/03;14/04
707	2	34,44/03				11408	14	13,14,15,16,36/04	11512	22	36/04*
708	3	34,36/03				11409	18	32/03*-15/04	11524	47	18*,21,29,31,36,38/04
800	4	15,20/04				11410	24	13,14,15,16,36/04	11525	6	N39,N50/03;N1,N2,N5,N7,N8,N25,N27,N29,N37/04
803	1	15/04				11411	14	13,14,15,16,36/04	11527	16	14,15,16,21,29/04
1113A		52/03;16,32,36,38/04	11345	31	38/03;4,37/04	11412	42	18*,31,32,34,36/04	11531	21	39/03
1114A		30*,36/04	11346	34	38/04*	11413	6	12,13,14,15,16,32,36/04	11532	20	39,43,50/03
1115A		29,30,34,35,37,38,49,50,51,52/03;1,2,3,5,7,11,13,14,15,20,22,25,35,36/04	11347	34	38/04*	11414	6	15*,16,29,31,34,36/04	11533	33	19/04*
1116A		37*,38,45,46,49,50,51,52/03;1,2,3,4,5,6,7,10,13,14,15,16,17,19,20,23,25,26,32,33,34,35,36,37,38/04	11348	20	43*,47,51/03;4,24,25,36/04	11415	6	15*,16,29,31,34,36/04	11534	12	39/03;14/04
1117A		30,31,32,34,35,36,44,45,50,51/03;5,6,7,10,15,18,20,23,25,34,35,37/04	11349	41	22*,23,25,33,35,38/04	11416	27	52/03;16,32,36,38/04	11535	17	18*,27/04
5161	13	48/03*	11350	25	43/03*	11417	7	N52/03;N16,N32,N36,N38/04	11537	35	18*,19/04
11004	7	29,30,32,34,36,37,38,44,51/03;1,3,4,5,6,10,13,14,15,16,18,23,25,32,36,37/04	11351	38	30,31,34,48,50,51,52/03;1,3,5,10,12,13,14,15,25,26,33,37,38/04	11418	18	36,38/04	11541	34	51/03*-9,11,12,19,31,33/04
11006	31	47*,49,50/03;3,5,6,13,16,20,29,32,36,38/04	11352	37	13*,14,15,20,25,35,37/04	11419	35	10*,14,15,36,38/04	11542	16	25/04*
11009	36	39,52/03;5,21,29,37,38/04	11353	3	9*,13,14,19,26,28,34,37,38/04	11420	36	38*,52/03;14,15,38/04	11543	22	38/03;1,19/04
			11354	24	31,34,48,51/03;1,10,12,14,15,37,38/04	11421	33	15,16/04	11544	61	16*,19,31,33/04
			11355	26	23/04*	11422	33	15/04*	11545	36	16*,19,31,33/04
			11356	35	38*,51,52/03;3,4,6,13,14,19,25,26,33,35,36,37,38/04	11423	21	38/04	11546	39	12/04*
			11357	36	38*,52/03;2,3,5,12,14,15,17,20,23,26,37,38/04	11424	14	38/04*	11547	29	28/04*
						11425	15	41/03*;38/04	11548	39	18/04*
						11426	23	N39,N52/03;N38/04	11549	48	37/04*
						11427	12	25*,36/04	12200	25	N32/03;N1,N2,N6,N7,N16,N25,N29/04
						11428	25	31/04	12201	25	N32/03;N1,N2,N6,N7,N16,N25,N29/04
						11429	40	15*,31,32/04	12202	35	33/03;5/04
						11430	34	38*,39,52/03;31/04	12203	28	43*,50/03;5,11,35/04
						11431	30	39/03	12204	30	50/03*-2,15,19,27/04

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 29/03 THROUGH NM 38/04

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.
12207	21	18*,35/04	12364	34	32,36,39/03;29,30,31,37/04	13305	28	36,44/03;8/04	14196		N38/03*;N15,N38/04
12208	10	29/04*	12366	27	31/04	13307	10	44/03;8/04	14197		N38/03*;N15/04
12210	36	33/03	12367	23	30/04	13308	12	22/04*	14198		N43/03*;N36/04
12214	45	30/04*	12368	26	30/04	13309	28	32,52/03;15/04	14200	2	38/03**
12221	75	48*,50/03;2,9,11,19,28,35,36,38/04	12369	25	32,35,36,43/03;28,37,38/04	13312	21	34,35/04	14201	15	38/03**
12222	46	30*,36/04	12371	23	52/03;19,25,28/04	13313	19	36/03;34,35/04	14202	12	42/03**
12224	23	33,45/03;9/04	12372	32	8*,17,20,23,25,28,29,30,34,38/04	13318	18	36/04	14204	21	38/03**
12225	54	33/03;9,28/04	12373	14	17/04	13323	7	34/04	14205	7	38/03**
12228	30	16/04*	12375	21	30/04	13324	14	5*,34,35/04	14206	20	43/03**
12230	61	3*,20,26,28,33/04	12401	7	33,41/03;22,28/04	13325	14	29/03;7/04	14207	33	36/04
12231	26	30/03;28/04	12402	8	34,41/03;31,33/04	13326	13	25/04*	14208	28	38/03**
12233	36	16/04*	13000		N29/03	13394	3	42/03;36/04	14209		N38/03*;N15/04
12235	30	22*,28,29/04	13003	47	36*,39,44,45,48,52/03;6,16,17,34,36/04	13396	4	36/04	14211		N40/03**
12237	27	48/03*;28,29/04	13006	31	36*,39,44,45,48/03;6,16,33,34,36/04	14000		N23/04*	14212		N38/03*;N11,N15/04
12238	38	6*,19,28,35,36,38/04	13009	30	36,39,44,45,48/03;6,16,33/04	14001		N23/04*	14213		N39/03*;N5,N36/04
12241	21	34/03;2,35/04	13200	33	36,39,44,45,48/03;6,33,34/04	14002	57	23/04**	14214		N39/03*;N36/04
12243	13	12,20,35/04	13201	10	N36,N39,N44,N45,N48/03;N6/04	14003	6	29,39,48/03;6,16,36/04	14215		N39/03*;N36/04
12244	13	20/04	13203	12	48/03	14004		N23/04*	14216		N39*,N44/03;N5,N15,N36/04
12245	63	26/04*	13204	12	44/03;6/04	14005	78	23/04**	14217		N43/03*;N37/04
12248	40	44/03*;4,15/04	13205	36	2,17,25,29/04	14006		N23/04*	14218		N39/03*;N6/04
12251	23	12,27/04	13209	24	37/04*	14007	76	38/03**	14219		N40/03*;N6,N19/04
12252	24	25*,28,38/04	13211	13	45/03;29/04	14009	3	29/04**	14220		N39/03*;N36/04
12253	43	35/03*;2,10,13,15,19,27,28/04	13212	36	18*,25,38/04	14010	5	29/04**	14222	16	40/03**
12254	44	16*,35/04	13213	41	18*,20,23,34,38/04	14011		N23/04*	14223	18	38/03**
12255	15	30,34/03	13214	27	2,17,28/04	14012		N29/04*	14224		N39/03*
12256	14	48/03*;2,12,35/04	13215	17	6,28/04	14013		N29/04*	14225	17	39/03**
12261	28	48/03;20/04	13216	1	N2/04	14014	82	29/04**	14226	32	39/03**
12263	53	11*,14,37/04	13217	14	6/04	14015		N29/04*	14227	28	39/03**
12264	28	42,44,48,52/03;26,33/04	13218	38	46,50,52/03;19,20,22,23,24,29,30,33/04	14016		N29/04*	14228	11	39/03**
12266	28	8/04*	13219	12	26/04	14019		N29*,N34/04	14229		N39/03*;N5/04
12270	33	15*,37/04	13221	54	15*,19,20,23,26,28,29,33,34/04	14024	5	36,47/03;37/04	14240	6	43/03**
12272	29	30,33,38/03;7/04	13222	37	16*,20,23,29/04	14040	65	29/04**	14241	23	39/03**
12273	55	31*,38/04	13223	37	22*,26,28,33,34/04	14041	12	29/04**	14242	13	40/03**
12274	33	30,33/03;20,29,38/04	13225	33	15,19,33/04	14042	3	34,42/03	14243	8	39/03**
12277	32	35*,51/03;20,26,29,38/04	13226	6	17*,19,29/04	14043	7	49/03	14244	5	39/03**
12278	73	8*,31,38/04	13227	13	49/03;19/04	14044	44	47,49/03;1/04	14245	4	39/03**
12280	4	52/03*;2,7,9,28,35,36/04	13228	11	22,23/04	14046	2	47,49/03;9/04	14246	6	39/03**
12281	49	38,44,48,49/03;1,16,20/04	13229	28	12*,13,19,22,23,24,30,34/04	14058		N29/04*	14247		N39/03*;N5,N6/04
12282	34	43/03*;31/04	13230	47	15*,19,22,23,24,30,34/04	14061	27	36/04	14248		N40/03*
12283	25	29/04*	13232	4	19,23,28,34/04	14062	17	32,36/03;1,5,9/04	14249		N39/03*;N5,N36/04
12284	15	42,48/03;26,33/04	13233	16	39/03;4,22,23/04	14066	19	34,42,47/03;5/04	14250		N40/03*
12285	36	19*,36/04	13235	6	23/04*	14067	11	14/04	14251		N40/03*;N36/04
12286	29	42,52/03;28,36/04	13236	29	50/03;1/04	14081	21	36,47/03;2/04	14252		N40/03*;N14/04
12287	17	36/04	13237	39	39/03;13,23/04	14083	30	38/04	14253		N40/03*;N9/04
12288	19	9,36/04	13241	15	23/04	14085	6	49/03;15,38/04	14254		N40/03*
12289	48	13/04	13242	17	23/04	14088	10	34/03;5,38/04	14259	3	40/03**
12300	44	37/04*	13244	39	32/03	14089	29	34/03	14260	47	39/03**
12301	21	N39,N44,N48,N49/03;N6,N20,N28,N31,N33,N34,N36/04	13246	37	36*,42/03;35/04	14105	19	47/03	14263	15	40/03**
12304	43	48,52/03;2,5,9,22,26,28,30/04	13260	39	36*,39,42,45/03;16,34/04	14110	42	32,44/03;1,36/04	14264	4	40/03**
12311	43	37/04*	13263	7	N29,N36,N39,N42,N45/03;N34,N35/04	14111	7	32,34,42,44/03	14280	37	40/03**
12312	52	32,51/03;1,10,16,22,31,36/04	13264	103	29,39,42,49/03;5,34/04	14112	5	32,42,44/03;1/04	14310	2	40/03**
12313	49	35*,43,52/03;8,15,22,29/04	13267	31	47/03*;9,23,35/04	14115	2	29/04**	14319		N19/04*
12314	30	33,35/03;19,22,28/04	13269	9	7,9/04	14128	6	4/04	14325	13	6/04
12316	31	38/04*	13270	60	50/03*;9,15/04	14135	2	14,38/04	14328	6	47/03;9/04
12317	32	28/04*	13272	48	18*,20,23,36/04	14136	2	1/04	14329	5	32,47,49/03;1/04
12318	42	31*,36/04	13274	25	43/03*;6,15,23/04	14141	17	47/03	14340	25	30,49/03;1,9,15,37/04
12323	23	6/04	13275	28	45/03*;15/04	14143		N38/03*;N4,N15/04	14341	5	34,47,49/03;37/04
12324	31	15*,19,28/04	13276	22	36/03*	14144	29	38/03**	14342	20	30,49/03;9/04
12326	49	35*,49/03	13278	25	32,39/03;23/04	14145	2	47/03;15/04	14344	2	49/03
12327	97	48*,49/03;17,20,22,24,27,28,30,31/04	13279	30	32,39/03;17,23/04	14146	2	32,49/03;6/04	14345	5	49/03
12331	30	33/03;22,33/04	13281	17	17,23/04	14151	2	32,34,38/03;1,4/04	14349	7	42,47/03;5,6/04
12332	21	22/04	13282	11	39/03	14156	2	14/04	14353	3	42/03
12333	33	44*,49/03;17,24,28/04	13283	18	4,6/04	14167		N6,N14/04	14354	2	32,42,50/03
12334	67	25*,28,30,31/04	13285	10	4/04	14168		N37/03	14355	3	50/03
12335	40	47/03*	13286	30	22/04*	14169	2	32,38,42,49/03	14357		N49/03;N4,N15/04
12337	22	22/04	13287	11	20/04	14173	2	38/03	14358		N34,N47/03;N1,N5,N15/04
12338	9	19/04	13288	40	29,42,44,45/03;20,23/04	14174		N42/03*;N14,N38/04	14360	36	47/03;4,5,6,15/04
12339	44	50/03*;23/04	13290	35	39*,42,44,49/03;20,23,29/04	14175		N43/03*;N9/04	14364	6	4/04
12341	26	36/03*	13292	36	29,42,44,49/03;20,23,29/04	14176		N38/03*	14373	2	34,49/03;1,4/04
12347	29	29,35/03;24,26,28,30/04	13301	20	42,45/03	14177		N40/03*	14380	19	49/03;6/04
12348	33	29,34/03;26/04	13302	21	32,42,45,52/03;8/04	14178		N40/03*;N5,N6/04	14386	3	6/04
12350	58	17*,33/04				14180	38	42/03**	14404	4	47/03
12352	30	46/03*;26,35/04				14181	3	43/03**	14415	4	36/03
12353	18	8*,26/04				14183	15	38/03**	14420	27	40/03**
12354	41	26*,30/04				14184		N32,N44,N47,N49/03;N38/04	14756		N50/03;N11/04
12363	39	32,36/03;30,31/04				14185	2	40/03**	14757		N15/04
						14186	2	40/03**	14758		N32,N49/03
						14187	2	38/03**	14769		N13/04**
						14188	1	42/03	14771	17	32/04*
						14189	2	36,42,44/03;4,6,15/04	14782	24	47/03
						14190	2	37,42/03;14/04	14784	19	47/03
						14191		N38/03*	14785	17	18/04*
						14192		N38/03*;N9/04	14786	13	49/03;19/04
						14193		N38/03*;N15/04	14791	18	22/04*
						14195		N42/03*;N15/04	14800	9	20/04

SECTION I

NM 38/04

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 29/03 THROUGH NM 38/04

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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.
14802	30	20/04	14975	33	43,49/03;10,24/04	16487	6	20/04*	17330	8	10*,14/04
14803	26	49/03	14982	9	16/04*	16490	8	6/04*	17331	7	14/04
14805	24	21/04*	14983	9	46/03*	16500	9	33/03	17333	8	3*,14/04
14811	16	20/04	14985	9	41/03*	16501	7	16/04*	17335	6	14/04
14813	21	49/03;19/04	14986	9	46/03*	16511	7	17*,28/04	17336	8	14,17,28/04
14814	24	36/04	14987	9	3/04*	16514	4	14/04*	17337	8	14/04
14815	22	43/03;33/04	14988	10	41/03*	16515	7	38/04*	17338	13	14,31/04
14816	24	17/04*	14990	4	6/04*	16516	7	24/04*	17339	11	14/04
14820	20	15*,24,35/04	14991	10	8/04*	16517	6	16/04*	17341	8	14/04
14822	31	38/04	14992	11	32/04*	16520	22	25/04*	17360	33	31*,36/03;13,14/04
14823	30	36/04	14993	12	16/04*	16522	6	16/04*	17362	10	14/04
14824	26	5*,19/04	14994	11	21/04*	16528	16	33/03;6/04	17363	13	14/04
14826	27	49/03;8,20,30,35/04	15017	4	10/04	16529	15	24/04*	17365	12	14/04
14829	6	15*,30,32,35/04	15043	3	34,47/03	16530	6	33/03;6/04	17367	11	14/04
14830	30	31*,34,47/03;15,20,30/04	15044	3	34,47/03;1/04	16535	12	31/03	17368	6	14/04
14832	34	49,51/03;24,26,38/04	15046	4	47/03;14/04	16540	11	27,31/04	17370	10	3/04*
14833	26	18*,19,24,38/04	15061	3	50/03	16547	9	18/04*	17372	11	48/03*;31/04
14835	31	7/04	15064	1	50/03	16549	15	41/03*;32/04	17375	21	25/04*
14836	27	10/04	15066	5	32,47/03	16553	4	22/04*	17376	6	16/04
14837	27	5/04	15067	2	47,49/03	16561	1	29,35,44/03;25/04	17377	1	16/04
14838	3	38/04	15069	4	47/03	16566	10	29,44,49/03	17378	14	17/04*
14839	36	43,49,51/03;5,8,33/04	15070	3	49/03	16570	10	32/04*	17379	1	16/04
14841	28	14*,30/04	15074	1	6/04	16575	1	1/04	17381	10	16/04
14842	13	46*,51/03;10,26/04	15080	1	47/03	16576	4	47/03*	17382	15	36/03;13,16,28/04
14843	23	18/04*	15083	6	14/04	16580	12	9*,18,32/04	17383	2	31/04*
14844	32	18*,26/04	15160	5	50/03	16590	10	1/04	17384	8	15/04*
14845	27	14*,26/04	15163	2	50/03	16591	9	16/04*	17385	14	13,16,18/04
14846	12	16*,33/04	15300		N10/04	16592	9	1,18/04	17386	3	16,18/04
14847	30	43,47/03;33/04	15444		N19/04*	16593	11	1/04	17387	13	16/04
14848	56	15,20/04	15563		N20/04*	16594	13	1/04	17400	16	44/03;14,16,32/04
14850	52	2*,24/04	15690		N35/03	16595	14	1/04	17401	11	18/04*
14852	45	2,10,15,21,24,26,36/04	15946		N47/03	16596	12	1/04	17402	10	16/04
14853	14	10,15,21,24,26,36,38/04	16003	16	36,48/03	16597	8	1,28/04	17403	13	16/04
14854	13	15,38/04	16004	11	48/03	16598	9	1,28/04	17404	12	16/04
14860	35	26,30/04	16005	9	36,48/03	16599	6	1,28/04	17405	14	46/03;16,18,26/04
14862	28	26,30/04	16006	33	32,35,36/03;1,15,21,27,28,31/04	16601	10	1/04	17406	7	17*,26/04
14864	26	1,8/04	16011	35	29,31,32,35,44,50/03;1,27,28,31/04	16603	8	48/03*	17407	15	10/04*
14865	16	26/04	16012	21	34,50/03	16604	11	1/04	17408	8	34/04*
14867	26	39/03*;25/04	16013	29	10*,32/04	16605	8	1/04	17409	10	44/03;16/04
14869	26	8/04	16016	20	9/04*	16606	11	1/04	17412	2	49/03
14871	2	34/03	16041	8	48/03	16608	4	46/03*	17413	2	44/03;32/04
14880	31	15/04*	16067	7	1/04	16640	24	1,17/04	17420	26	36/03;13,30/04
14881	31	8/04	16081	6	1/04	16645	18	1/04	17422	8	13,29/04
14883	43	15*,19/04	16082	7	25/04*	16646	12	1,25/04	17423	13	13/04
14886	11	41/03*	16083	6	9/04*	16647	3	1/04	17424	7	22/04*
14901	14	7,10,26/04	16084	7	37/04*	16648	4	1/04	17426	13	19/04
14902	28	8,10,26/04	16085	6	15/04*	16660	29	17/04*	17427	7	36/03
14903	23	31/03*;2,7/04	16086	7	18/04*	16661	6	17/04	17428	7	36,43/03;13,29/04
14904	26	40/03*;1,26/04	16087	7	5/04*	16663	7	17/04*	17429	2	N13,N29/04
14905	30	45/03*;7/04	16102	5	9/04*	16665	8	15/04*	17430	10	36/03;13/04
14906	23	32/04	16104	5	37/04*	16680	10	32,37/03;15/04	17431	11	21/04*
14907	25	10/04	16124	6	3/04*	16682	16	17/04*	17432	7	23/04*
14908	18	22/04*	16200	13	36/03	16683	10	17/04*	17434	12	33/04*
14909	19	49/03;10/04	16204	6	22/04*	16700	28	40*,43,50/03;11,12,14/04	17435	16	40,49/03;13/04
14910	23	24/04	16206	7	46/03;5/04	16701	19	37/03*;12/04	17436	6	19/04
14911	20	10/04	16220	5	36/03;15/04	16702	11	37/03*;12/04	17437	7	22/04*
14912	17	31/03*	16240	10	15/04*	16704	13	12/04	17438	12	36/03;22,30/04
14913	18	31/03*;8,10,15,20/04	16300	9	25*,32/04	16705	19	43/03;12/04	17441	7	22,30/04
14916	10	1,19,26/04	16305	10	25/04*	16706	10	12/04	17443	12	36/04
14918	27	1,19,22*,24,26/04	16315	10	1/04	16707	10	5,12,17,26/04	17445	2	36/03;22,30/04
14919	27	1,7/04	16322	8	22/04*	16708	25	50/03;12/04	17460	N19/04*	
14922	19	5,32/04	16323	9	3/04*	16709	22	11,12,26/04	17464	4	12/04
14924	27	49/03;2/04	16338	4	17*,28/04	16710	16	10,12,14/04	17470		N41/03
14925	23	33/04*	16343	8	38/04*	16711	2	12/04	17471		N47/03*
14926	10	32*,47/03;7,8,10,20,24/04	16363	12	10/04	16712	1	12/04	17472	4	36,41/03
14927	24	47/03;7,8/04	16380	14	32/04*	16713	2	12/04	17474	4	36/03
14928	21	7,10,20/04	16382	10	6/04	16723	15	6,12/04	17482		N41/03
14929	24	7/04	16420	10	46/03*	16741	10	16/04*	17483	3	41/03;31/04
14930	25	15*,32/04	16423	2	47/03	16760	10	12/04	17485	4	41/03
14932	23	1,5,19,32/04	16431	7	50/03*	16762	9	12,14/04	17513		N9,N12/04
14933	24	1,30,32/04	16432	11	3/04*	17003	4	35,36/03;6/04	17515	7	36,43/03;12,33/04
14934	27	1/04	16433	8	14/04*	17005	10	34,35,43/03;3,6,30,31,35/04	17517	8	34/03;30/04
14935	21	1,10/04	16434	6	29/04*	17008	12	36/03	17518	7	41,47/03;10,17/04
14937	24	10/04	16435	6	24/04*	17300	30	39/03	17520	2	N34/03
14938	23	1,7/04	16442	7	41/03*	17302	18	49/03;32/04	17523		N19/04*
14942	25	1/04	16446	8	30/04*	17303	10	24*,32/04	17524		N49/03
14961	12	3*,26/04	16450	2	34/04*	17304	10	24*,32/04	17525		N43/03
14962	20	16/04*	16462	6	32/04*	17316	20	25/04	17526		N19/04*
14964	21	18/04*	16463	7	3/04*	17317	20	18/04*	17528		N19/04*
14965	21	2/04	16474	8	18/04*	17318	5	39/03	17543	17	43/03;14/04
14966	26	15/04*	16477	7	18/04*	17320	16	14/04*	17545	13	43/03;12,14/04
14967	22	26/04	16478	10	5/04*	17323	10	29,39/03;5,25,31/04	17546	22	34,35,43/03;14/04
14970	25	1/04	16480	10	34,50/03	17324	13	39/03;5/04	17548	28	43/03;30/04
14972	26	32/04*	16484	7	14/04*	17325	8	38/04*	17549	6	3/04
14974	24	5/04	16486	7	24/04*	17327	21	46/03*;26/04	17550	4	43/03;3,6,31,35/04
						17328	7	10/04*	18000	8	36,44/03;11,21,22/04

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NM 29/03 THROUGH NM 38/04

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18002	6	N36,N44/03;N11,N21,N22,N34/04	18531	21	15*,19,20,22,31/04	18760	6	N35,N36,N44/03;N1,N7,N11,N19,N21,N22,N24,N25,N26,N29,N34/04	21602	1	18,37/04
18003	19	41,43/03;3,6,22,30,35/04	18532	20	52/03				21603	9	31,36/03;11/04
18005	4	N40/03;N4,N10,N21,N31,N33/04	18539	9	21/04*	18761	2	N1,N16,N28,N34/04	21604	25	4/04
18006	3	N21,N34/04	18543	2	15/04*	18762	15	1,16,28,34/04	21605	7	31/03
18007	31	35,41/03;4,5,6,7,16,22,24,27,33,35/04	18545	15	50/03*	18763	10	18*,23,28,34/04	22004	38	29/03;2,7,32/04
18008	7	N35,N37,N41/03;N4,N5,N6,N7,N16,N22,N24,N27,N33,N35/04	18546	10	19/04*	18765	15	46/03;7,14,16,19,20,22,26,36/04	22008	35	29,32,38,47/03;7,25,32,33/04
18009	2	N40/03;N10,N31,N33/04	18551	8	18/04*	18766	7	36/03;7,19,22,26/04	22012	31	29,32/03;25/04
18010	20	33,40,47/03;4,5,7,16,24,27,31,33,36,37/04	18553	7	24/04*	18768	4	N36,N38/03;N7,N19,N22,N26/04	22032	20	40/03
18020	37	47/03*;1,4,7,11,19,21,22,24,25,26,29,31,33,34,36/04	18556	25	17/04*	18769	2	N1,N34/04	22036	28	51/03;2,21,22/04
18022	34	3*,4,7,11,13,19,21,22,23,24,25,26,28,29,31,33,34,36,37/04	18558	37	48/03;1/04	18772	47	48/03;23,36/04	22051	18	5,16/04
18400	44	41*,43,47,49/03;3,8,10,17,27,28,30,31,35/04	18561	12	12*,22/04	18773	39	40*,41/03;4,14,23,31,34/04	22052	7	24/04*
18401	12	34/03	18580	21	51/03;17/04	18774	10	49/03;4,11,13,14,19,23,25,26,31,36/04	22053	4	N20/04**
18409	8	41/03	18581	17	36,50,51/03;14,38/04	18775	2	N1,N16,N34/04	22054	1	20/04*
18412	10	35/04	18583	38	43/03;38/04	19002	9	N29,N46/03;N6,N8,N12,N16,N22,N23,N24,N26,N29,N36/04	22082	4	38/03;20/04
18414	9	3/04	18584	47	30,48,52/03;1,13,27,37/04	19004	37	18*,23,24,26,36/04	22084	4	35,37/03;15/04
18415	8	32,39,47,50/03;3,9,10,22/04	18601	13	1/04	19007	17	21*,23,26,36/04	22090	2	33/04
18416	6	46/03;17,31,33/04	18602	12	47/03;1,14/04	19008	4	29,46/03;10,12,16,19,23,26,36/04	22101	19	37/03
18418	6	31,33/04	18603	16	5,16/04	19009	4	29,46/03;10,12,16,19,23,26,36/04	22102	19	25/04
18419	11	46/03;1,9/04	18604	24	38,42/03;4,33/04	19010	18	18*,19,22,23,24,26,36/04	22103	2	25/04
18420	1	47,49,50/03	18643	17	33,41,43/03;19,33/04	19011	17	18*,22,23,24,26,36/04	22111	4	33/04
18421	46	50/03*;8,9,17,22,27,35/04	18645	24	33,38/03;5,33,36,37/04	19016	10	3*,19/04	22112	3	37/03;5,10,25,33/04
18423	34	12*,13,17,22,27,28,31,35/04	18649	63	48*,50/03;2,5,11,16,19,20,21,25,31,33,36/04	19320	16	6,8,12,22/04	22113	8	5,10,25,33/04
18424	25	45/03	18650	52	47/03*;11,19,20,21,36/04	19322	8	14/04*	22114	5	33,37/03;5/04
18427	22	18/04*	18651	42	48/03;16/04	19324	22	13/04	22117	3	37/03;5/04
18429	9	27/04	18652	32	36*,40,43,46,48,49/03;5,11,16,19,20,25,26,29,33,36,38/04	19329	8	10/04*	22120	3	29,32/03;7,32/04
18430	8	5*,17,27/04	18653	9	43,50/03;16,20,25,33/04	19330	10	14/04*	22121	9	29,32,47,51/03;18/04
18431	6	1,22/04	18654	43	22*,33/04	19331	7	43/03	22122	2	29,32/03
18432	5	22/04	18655	58	33,38/04	19339	1	N30,N47/03;N8,N10,N23,N24,N26,N36/04	22125	1	32/04
18433	5	32,36/03;9,17,22/04	18656	53	33,40,43,48/03;11,26,29,33,38/04	19340	26	29,30,36,47/03;8,10,13,23,24,26,36/04	22130	2	29,32,38/03;2,7,32/04
18434	5	2*,13,17,35/04	18657	18	40/03;26,38/04	19342	10	15*,19/04	22138	3	11/04*
18440	27	3*,8,21,22,28,30,35/04	18658	30	17*,26,38/04	19347	17	29/03;23/04	22140	2	47/03;7,32/04
18441	43	39*,45,47,51/03;6,8,17,22,28,31,35/04	18662	20	43,44/03	19351	9	23/04	22142	2	40,47/03;7,32/04
18443	16	16*,31/04	18663	5	43/03;17/04	19353	12	6/04	22143	4	29/03;11,25/04
18444	15	34/03;1,31/04	18666	1	33,48/03;38/04	19357	22	30,36,47,50/03;10,13/04	22144	2	7/04
18445	30	13*,21,22,28,30,35/04	18680	30	33,35,38,40/03;19,31,33,36,37/04	19359	11	8/04*	22170	3	25,33/04
18446	16	47*,51/03;8,22,28/04	18682	14	43,48/03;29,38/04	19361	8	5/04*	22172	8	29/03;11/04
18447	27	28/04*	18685	32	36*,46/03;17,19,22,33,36/04	19362	12	10,13,14/04	22173	36	29/03;11,17,21,33/04
18448	33	1*,8,13,17,21,22,28,30,35/04	18686	13	34/04	19366	36	50/03;10,13,14/04	22180	2	32/03
18449	18	50*,51/03;6,22/04	18700	22	40/03*;13,21,34/04	19367	37	50/03;30/04	22181	17	10*,17/04
18450	18	18*,22/04	18703	25	40/03*;7,13/04	19369	5	36,50/03;10,14,30,37/04	22182	7	10*,11/04
18452	16	34,38/03	18704	13	30/04*	19379	1	N30,N46/03;N12,N13,N16,N22,N29/04	22183	4	52/03*;21/04
18453	24	36,38,42/03;6,22,35/04	18720	31	11,21,23,24,25,29,34,38/04	19380	15	8*,12,16,22/04	22190	2	29/03
18454	4	N28/04	18721	11	39/03;21,34/04	19381	8	7,12,16,22,29/04	22221	20	31,34/03;1/04
18455	2	N34,N38/03	18723	3	34/04	19383	17	23/04	22222	1	31/03;1/04
18456	19	21,30/04	18724	1	15,23,32/04	19385	8	3*,16/04	22223	2	40/03
18458	15	34,38/03;13/04	18725	27	32/03*;19,21,23,24,25,32,36,38/04	19387	9	N46/03;N12,N23/04	22233	29	37/03
18459	5	N34,N38/03;N13/04	18728	8	29/04	19388	2	N46/03	22234	1	1/04
18460	11	43/03;3,17,30,31,35/04	18730	1	N29/04	19480	7	6,35/04	22286	1	5*,13/04
18464	23	30/03	18740	40	46*,49/03;1,5,7,14,19,22,23,24,25,26,28,29,31,34/04	19482	9	6/04	22290	4	30/03
18465	36	18*,27,28,31,33,35/04	18744	31	29*,32/04	21005	5	15/04	22293	15	37,38/03;21/04
18471	9	36/03*;8,28/04	18746	35	11*,19,25,36/04	21008	62	36/03	22294	15	16,21/04
18473	7	34,38,45,47,51/03;6,8,22,28,35/04	18749	38	31,39,41,49,50/03;5,7,22,31,34/04	21033	46	1/04	22305	2	30,34/03;27/04
18474	8	5*,8,22,30,35/04	18751	42	31,39,46,49,50/03;5,7,19,22,31,34/04	21036	7	1/04	22311	19	13/04
18475	1	35/03	18754	17	39*,43/03;23,34/04	21125	13	36/03	22312	2	30/03;9/04
18476	5	18/04*	18756	8	14/04*	21140	1	36/03;7,19,22/04	22313	2	38,40/03;13/04
18477	5	6,22,28,35/04	18757	10	41/03;5,36/04	21160	1	15/04	22314	1	40/03
18480	29	43/03;3,6,30,31,35/04	18758	6	33,49/03;4,11,13,23/04	21180	1	15/04	22322	11	33/03**
18484	11	18*,30,31/04				21384	4	11/04*	22331	2	N1,N2,N27/04
18485	15	29/03;17,30,31,35/04				21401	20	37/04	22335	4	52/03;27/04
18500	29	22*,35/04				21441	27	15,31/04	22341	9	29,52/03;2,27/04
18502	85	33*,37/04				21442	1	36,46/03	22342	9	29/03
18504	65	35/03;3,21,27,37/04				21482	1	29/03	22343	1	N41,N52/03;N2,N27/04
18520	24	14,22,35/04				21520	1	29/03	22344	6	N52/03
18521	70	5*,13,14,19,20,31,35,38/04				21521	14	29/03	22351	1	N35,N41,N52/03;N2,N27/04
18523	54	5*,8,13,19,20,27,31/04				21525	19	38/03	22352	6	35,52/03;1,2,27/04
18524	34	30*,31,37/04				21543	13	9/04	22360	2	52/03;2,27/04
18525	34	25*,31/04				21544	20	24/04	22361	2	N30,N32,N33,N34,N52/03;N2,N27/04
18526	56	15*,17,19,20,31/04				21546	3	24/04	22370	2	30,33,34/03;2/04
18527	21	48/03				21563	3	38/04	22371	5	30,32,33,52/03;2,4,27/04
						21580	40	52/03	22373	1	N30,N32,N33,N34/03;N3,N27/04
						21581	5	41/03	22375		N37/03
						21582	3	16/04			
						21584	2	41/03			
						21601	4	31/03			

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22377	1	N2,N4/04	24222	3	39/03	25666	17	11/04	35009	19	28/04**
22379	1	N30,N32/03	24223	33	39/03;33/04	25668	19	34/04*	35010		N28/04*
22395	2	30/03	24224	1	15/04*	25670	42	2*,14/04	35011	2	31/04
22401	4	N30/03	24230	20	52/03;9/04	25671	18	21/04	35013		N23/04*
22407	1	N30/03	24233	15	9,22,33/04	25673	15	43/03;36/04	35014		N23/04*
22409	4	N36/04	24234	3	35/03	25677	20	32*,39,52/03	35016	17	31/04
22410	32	40/03	24240	5	39,46,52/03	25679	10	11,15,31/04	35025		N23/04*
22412	2	2,4/04	24250	5	39/03;13,22/04	25681	16	34,39/03;15,32/04	35027		N24/04*
22415	8	2,4/04	24251	23	39/03	25683	18	32*,34,39,52/03;36/04	35028		N28/04*
22417	1	N1/04	24252	5	39/03	25685	9	52/03	35032	16	12/04
22420	2	30,40/03	24270	3	29/03	25687	12	30/03*	35034		N31/04*
22421	4	N4/04	24271	14	29/03	25848	25	11/04	35035		N28*,N29/04
22427	1	N40/03;N9/04	24274	2	29/03	26050	1	47/03	35036	21	43/03;12,13/04
22430	6	22/04	24292	4	22/04	26060	1	42/03	35037		N31/04*
22433	3	35/03;22/04	24293	6	37,42,46/03;33/04	26068	11	50/03	35038		N32/04*
22434	2	35/03	24294	22	37,46/03	26081	8	42,43/03;16/04	35039		N32/04*
22437	2	22/04	24355	2	37/03	26083	14	19/04	35040	18	24/04**
22461	1	21/04	24370	1	48/03;1/04	26100	4	31/03	35041	8	23/04**
22471	31	2,6,8,22,27/04	24375	2	38/03	26122	30	30/04	35042	9	24/04**
22481	35	2/04	24376	1	38/03	26125	3	41/03	35043	5	28/04**
22482	16	9/04	24380	2	48/03;1/04	26127	21	11/04	35044	9	36/04**
22492	3	34/03	24381	14	28/04	26129	11	41/03	35045		N32/04*
22521	3	34/03;33/04	24390	3	28/04	26130	20	11/04	35046		N32*,N37/04
22523	3	34/03;33/04	24404	9	34/04*	26147	31	19/04	35047	5	31/04**
22529	3	35/03	24430	5	31,52/03;24,34/04	26186	17	14/04	35048		N32/04*
22531	2	35/03	24431	14	31,52/03	26188	11	15/04	35049		N33/04*
23000	5	51/03	24433	3	52/03	26218	2	31/03	35050		N28*,N37/04
23010	4	24/04	24434	4	52/03;34/04	26219	5	31/03	35051		N33*,N37/04
23030	6	37,42/03;14/04	24435	5	34/04	26220	6	11/04	35052		N33/04*
23071	3	24,29/04	24444	2	23/04	26224	32	35/04	35053		N33/04*
23121	7	19/04	24450	3	47/03;6,30/04	26229	11	31/03;9,32,35/04	35054		N33/04*
23123	3	19/04	24460	4	29,32,47/03;30/04	26230	12	31/03;9,32,35/04	35055		N23/04*
23124	3	N19/04	24461	4	38,47/03;30/04	26282	6	34/03	35060	14	28/04**
23125	4	19/04	24462	5	29/03	26295	1	34/03	35080	16	23/04**
23131	7	30/04	24463	6	38/03;13/04	26308	5	34/03	35081	15	28/04**
23141	7	37/03	24465	6	38/03	26309	27	11/04*	35082	7	31/04**
23142	10	37,47/03	24470	4	13,34/04	26310	1	N48/03*	35083	8	32/04**
23145	3	37,51/03;14/04	24480	1	42,48/03;21/04	26320	5	31,40/03;19/04	35084	15	32/04**
23153	8	49/03	24481	7	34/04	27005	4	34/03;19/04	35085	3	32/04**
23159	2	25/04	24482	2	31/03	27042	21	41,42/03;10/04	35086	5	32/04**
24004	36	41,42,46/03;33/04	24484	3	31/03	27060	2	34/03	35087	3	33/04**
24016	53	13/04	24491	3	32/04	27061	5	28/04	35088	2	28/04**
24028	6	28/04	24492	20	32/04	27080	4	39,52/03	35099	3	33/04**
24050	11	31,32,33,51,52/03;6,14/04	24500	1	7/04*	27081	6	19/04	35100	14	23/04**
24052	15	30,42,44,50/03;33/04	24502	6	34,47/03	27082	6	19/04	35101	6	33/04**
24055	6	42,50,51,52/03;6,26/04	24504	7	42,48/03;21/04	27083	39	4,24/04	35103	5	33/04**
24057	4	30,33,42,52/03;4,6,26/04	24508	3	24/04	27120	4	16,30/04	35120	13	23/04**
24058	2	29,30,42,44/03;7,9,33/04	24509	2	34,42/03;12,21,30/04	27122	5	19/04	35130	3	24/04
24060	2	32/03	24510	2	42/03;21,24,30/04	27160	2	35/03	35136	2	24/04
24091	6	46/03;22/04	24511	2	42,48/03	27206	18	9,25/04	35200	7	28/04**
24092	14	22/04	24512	3	38,42/03;24/04	28004	1	27/04	35205	3	31/04
24100	5	46/03	24513	18	38,42/03;24/04	28006	1	27/04	35210	3	31/04
24103	3	10/04	24517	2	40,42/03	28050	3	42,47/03	35350	2	23/04
24110	3	35/03	25001	7	52/03	28154	2	38/03	35363	1	12/04
24130	14	33/04	25017	5	31,34,39,52/03;15/04	28165	20	20/04*	35365	1	12,23/04
24133	6	31/03;36,37/04	25018	9	31,34,39,52/03	28167	4	16,33/04	35380	8	12/04
24140	18	41,42,46/03;6,7,11,22/04	25400	2	20/04*	28168	22	16,33/04	35390	2	12/04
24141	4	37/04	25480	1	52/03;8/04	28170	1	38/04	35400	11	18/04
24142	43	7,11/04	25481	25	8,26/04	28190	2	16,30/04	35420	13	12,18/04
24149	1	52/03	25483	20	8,33/04	28196	4	16,30/04	35424	3	18/04
24150	27	41,47/03;6,7/04	25485	45	36/03;10,30/04	28197	4	16,30/04	36005	2	31,43,44/03;13,23,26,27,31/04
24151	4	41/03;6,7/04	25487	2	36/03;10,30/04	28221	18	16/04	36010	27	43/03
24152	2	41,47/03;6/04	25524	43	32/03;23/04	28260	30	16/04	36015	2	44/03;13,26/04
24153	6	39,47/03;6/04	25525	17	23/04	28263	3	16/04	36040	16	6/04
24154	12	33/04	25526	2	32/03;23/04	28300	1	16/04	36060	17	2,17/04
24155	6	46,49/03	25527	31	32/03	28302	16	7/04	36120	9	17/04
24160	21	47/03;10,15,22,33/04	25566	27	30/03	28310	2	7/04	36125	7	30/03
24161	11	32,39,40,47/03;10,26,33,36/04	25575	4	35,39/03;14,15,18/04	29002	9	29/03	36140	12	13/04
24162	9	32,39,40,42,47,52/03;10,26,36,37/04	25600	47	1/04	29012	8	7/04	36143	4	30,43/03
24164	6	39,41,47/03	25601	34	37/04	29015	5	7/04	36161	10	21/04
24170	14	35/03;9,22/04	25607	4	48/03;31/04	29040	3	39,48/03;7,14/04	36165	6	30,43/03;21/04
24171	19	37,52/03;16,22,26,33/04	25608	22	33/04*	29101	6	7,8,13/04	36180	23	44/03;13/04
24172	4	22/04	25609	5	1/04	29105	5	49,50/03;8,11/04	36181	18	13/04
24180	15	40/03;36/04	25610	8	2/04	29106	5	34/04	36182	6	13/04
24190	15	35/04	25611	22	1/04	29107	2	29,36/03;21/04	37000	22	43/03
24200	14	9,13,35/04	25613	3	20*,25/04	29121	5	8,12,13/04	37005	16	29,30,50,51/03;5,8/04
24201	5	49/03;9,35/04	25640	41	22/04*	29122	5	34/04	37010	23	29,30,43,50,51/03;5,8,12,15,32/04
24202	6	31,35,46/03;21/04	25641	27	15/04*	29124	1	21,34/04	37025	26	31,33,34,36,38,41,43/03;3,4,10,11,15,26/04
24203	36	49/03	25645	17	15/04	29127	4	29,39,42/03;21,34/04	37030		N28*,N37/04
24210	14	42/03;29/04	25647	10	16/04	29141	3	29,39/03	37031		N34/04*
24211	7	36/04	25649	19	44/03*	35001		N28*,N37/04	37032	2	31,38,42,43,45/03;3,4,9,15/04
24215	1	29/04	25650	34	25/04*	35002		N19*,N37/04	37033	2	33/03;15,17/04
24220	14	39/03;29/04	25653	13	14,21,29/04	35003		N19*,N37/04			
24221	16	29/04	25654	13	14,21,29/04	35004		N19*,N37/04			
			25655	11	14,21,29/04	35005		N23*,N30,N37/04			
			25663	27	30,39/03;29/04	35006		N24/04*			
			25664	15	30,39/03;29/04	35008	21	23/04			

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 29/03 THROUGH NM 38/04

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.
37034	2	33,41/03;10,15,P18,22/04	37232	12	29,31/03	38591		N34/04	43182	4	22,30/04
37035		N34/04*	37234	13	31/03	38607	2	1,14/04	43200	3	22/04
37036		N34*,N37/04	37235	11	5/04	38610	1	1,13,38/04	43201	2	N21,N22/04
37037		N34/04*	37238	6	30,33,37,40,41,45/03;7,25,30/04	38641	4	3,13/04	43202	3	22/04
37038		N34*,N37/04	37241	17	30,32,33,35,37,39,43,45/03;7,29/04	38650	1	3,12,13/04	43203	3	22/04
37039		N36*,N38/04	37242	10	30,32,35,39,43/03;11/04	38670	2	1,13/04	43204	4	36/03
37043	17	43,46/03;12/04	37243	7	30,32,37/03;24/04	38682	3	13/04	43206	3	14/04
37046	18	43,46/03;12/04	37244	11	30,32,33,35,37,39,43,45,46/03;7,20,24,25,29,31/04	38683	3	13/04	43240	4	12/04
37050	9	12,26,31,32/04	37246	14	30,32,33,35,39,40,43,45,46/03;1,11,22,24,25,29,31,38/04	38690	2	13/04	43244	4	12/04
37051		N37/04*	37248	18	30,32,35,40,41,43,45/03;7,12,20,22,25,29,31,38/04	41060	3	52/03	43245	4	12/04
37052		N36/04*	37258	4	27,32,33/04	41100	2	N46,N52/03	43247	5	44/03
37054		N37/04*	37261	10	27,32,33,38/04	42004	1	N13,N16/04	43248	3	44,46,47/03;14,25,28,38/04
37055		N37*,N38/04	37262	20	27,32,33/04	42036	2	43/03	43249	2	10/04
37056		N37*,N38/04	37263	3	33,37/04	42038	2	43/03;16/04	43252	1	44,46/03;14,25,28,38/04
37057		N38/04*	37265	3	32/03	42040	3	16/04	43260	4	46,47/03;10/04
37058		N38/04*	37266	3	32/03	42046	3	16/04	43261	5	46/03;25,26,27,28/04
37059		N38/04*	37281	15	29,33,37/04	42052	2	16/04	43262	5	46/03;24,25,26,27/04
37060	3	43,46/03;12/04	37320	16	36,38,44/03;7,12,21,26,27,31,32/04	42141	3	6,12/04	43263	7	37,44,46/03;1,21,23,26/04
37062		N38/04*	37325	8	38/04	42160	3	38/03;12/04	43264	2	46/03;24,25,26,27/04
37063	21	43/03	37326	2	36/03	42301	3	38,52/03;15/04	43265	2	37,46,47/03;23/04
37075	3	43/03;12/04	37328	2	26,33,37/04	42560	5	31,38,40/03	43266	1	47/03;10/04
37080	3	12,23,26,27,31,32,33,37/04	37330	2	27,31,32,33/04	42580	5	40/03	43266	1	47/03;10/04
37081	23	32,33/04	37332	2	27,31,32,33/04	42600	5	30,40/03	43280	5	37,40,47/03
37082	9	24,33/04	37342	3	45/03;12/04	42620	5	38/03	43281	6	37,44,46,47/03;1,21,23/04
37090	8	12,23,26,27,29,32,37/04	37343	10	12/04	42640	6	38,40/03	43283	6	37,40,43,47/03;1,20/04
37095	3	32,39/03;27,29,38/04	37344	11	38,45/03;13/04	42660	5	38/03	43284	4	40,43/03;1,20,21/04
37103	9	12,26/04	37345	11	38,45/03;13/04	42740	5	31,40/03	43285	5	44,49,51/03
37106	4	32/03;26/04	37360	15	31,36,38,39,43,44,45/03;9,11,12,13/04	42742	3	30/03;11,13/04	43287	2	37/03;1/04
37110	11	31,32,39/03;12,26,32,38/04	37362	6	32,33,38,39/03;12,14/04	42760	5	47,52/03;2,11,13/04	43287	2	37/03;1/04
37111	1	27/04	37363	8	32/03	42762	3	N30,N47,N52/03;N11,N13,N20/04	43300	5	49,51/03;10,23,38/04
37115	2	31,32,39/03;12,26,32/04	37380	2	38,39,41,43/03;7,11,12,13,19,21,23/04	42765	3	47,50/03;2/04	43301	4	49/03;23,30/04
37120	2	30,32,39,42,43,44,45/03;12,20,24,25,26,27,31,32,38/04	37400	10	31,34,36,41,43,46,47/03;1,7,9,11,19,21,23/04	43000	4	16/04	43302	4	10,14,15,38/04
37121	11	12,26,27,32,33/04	37401	9	31,36,43,44,47/03;1/04	43030	24	30,32,46,48/03;1,3,6,8,9,14,15,16,17,19,20,23,28,29,30,37/04	43303	4	43/03;14,21,38/04
37122	12	31,44,45/03;12/04	37402	7	1,30/04	43040	6	38,47/03;2,16/04	43304	2	43/03;10,14,15/04
37123	9	27/04	37403	23	41/03;37/04	43041	2	16/04	43320	5	49/03;15,17,20,21/04
37125	15	27,32,33/04	37420	1	41/03;9,37/04	43058	3	16,37/04	43322	4	49/03;15,17,21,23,38/04
37126	8	38/04	37421	8	41/03	43059	3	16,37/04	43323	4	49/03;15,21/04
37127	11	27/04	37423	5	41/03	43060	4	16,37/04	43340	13	49/03;15,22/04
37129	6	30,42,45/03;7,20,26,27,31,32,38/04	37443	2	38,45/03;7,37/04	43062	2	16/04	43341	7	49/03;22,38/04
37133	4	28/04**	37445	1	34,38/03;28/04	43063	2	16/04	43342	7	49/03;38/04
37134	5	34/04**	37446	2	34/03;28/04	43064	2	16/04	43344	3	39/03
37136	6	34/04**	37461	9	36,50/03;3,15,25,26,33,35,37/04	43079	2	21,30/04	43356	2	14/04
37137	6	34/04**	37463	6	43/03;1,2,3,4/04	43080	4	44/03;16,20,22,37/04	43360	21	30,32,43,52/03;5,7,11,14,16,17,20,26,28,30,37/04
37138	5	34/04**	37481	7	30/03;17,20,21,25,36/04	43081	4	16,37/04	43362	5	44/03
37139	8	36/04**	37501	3	33/03;32/04	43082	5	47/03;20,21,30,37/04	43363	5	17/04
37140	33	30,32,42,43,44,45/03;12,24,25,26,27,32/04	37505	2	33,41/03;15/04	43083	4	16,20,22,23,37/04	43366	4	44/03
37141	29	31,45/03;23/04	37506	4	33,48/03;11,26,32/04	43084	3	16,23/04	43368	5	43,48/03;14,17/04
37145	23	37/04**	38032	6	34/04	43100	4	22,29/04	43369	6	43,48,50/03;14,17,24,26/04
37147	15	36/04**	38040	5	34/04	43101	3	29/04	43370	7	47/03;12,14,23,24/04
37148	13	51/03;12/04	38041	1	34/04	43102	4	29/04	43371	13	38,43/03;10,12,14,23,24/04
37149	10	37/04**	38044	4	33/04	43103	4	29/04	43372	4	10,12,14/04
37150	8	37/04**	38105	4	33/04	43104	6	44/03;7,10/04	43373	8	40,42,49,50,52/03;8,9,14,23,24,25,26/04
37161	14	37/04**	38105	4	33/04	43107	1	7/04	43374	1	43/03;10,14,17/04
37162	12	30,32,33,35,37,39,40,41,43,45,46/03;7,29/04	38200	2	33/04	43122	3	7/04	43375	7	42,44,50,51/03;5,11,20,21,22,23,37/04
37163	19	32,43/03;11,12,22,25,31/04	38266	1	33/04	43123	3	7/04	43376	5	14/04
37164	4	30,32,35,37,43,46/03;7,22,24/04	38320	3	35/03	43124	5	3,5,7,10/04	43377	2	47/03;14/04
37165	2	30,32,34,35,37,39,43,45,50,52/03;1,5,7,8,11,15/04	38460	7	32/04	43125	7	44/03;7,10/04	43378	2	38/03;14/04
37166	2	30,32,33,34,35,37,39,40,41,43,45,46,51/03;7,11,12,21,25/04	38461	2	N32,N33/04	43126	4	5,7,20,25/04	43379	1	24/04
37170	11	38/04**	38463	2	N32/04	43127	5	1,3/04	43382	2	48/03;14/04
37175	2	38/04**	38480	6	48/03;32/04	43140	4	35,38/03;1,5,25,30/04	43384	1	32,44/03;2,5,9,11,21,22,23,29,30/04
37180	20	38/04**	38482	6	N32,N33/04	43141	5	5/04	43385	1	42,46,49,51/03;8,11,12,19,21,22,33/04
37182	14	38/04**	38483	3	N32/04	43142	4	1/04	43386	2	47/03;24/04
37200	15	30,35/03;15,23/04	38500	6	32/04	43148	4	43/03	44001	16	44/03;19/04
37205	2	30,40/03;15/04	38501	2	32/04	43150	2	N34,N35,N38,N41/03;N20,N21,N22,N30/04	44015	8	40,44,47,50/03;1,8,9,11,18,19,20,22,27,36,37/04
37221	13	29,30,32,50,51,52/03;5,8,11,16,18,19/04	38540	4	34/04	43160	6	34,35,36,38,41/03;20,21,22,30/04	44030	7	48,50/03;13,20/04
37222	13	30,46,52/03;16,32/04	38546	2	32/04	43161	2	35,41/03	44036	5	30,32,52/03;5,16,28,30/04
37223	14	30,32,34,35,39,43/03;7,11,16,21,24/04	38560	5	32/04	43162	3	41/03	44037	5	52/03;27/04
37224	11	30,37/03;16/04	38565	3	N34/04	43163	3	41/03	44038	5	46/03;18/04
37226	17	51/03;32/04	38580	8	34/04	43164	3	34/03;20,21,22,30,38/04	44040	23	30,32,44,52/03;1,5,6,16,19,28,29,30/04
37228	14	29,30/03	38581	3	34/04	43166	2	43/03;23/04	44041	7	52/03;3,8,9,13,20,26,27,28/04
37231	18	50,52/03;8,19,21/04	38582	2	34/04	43167	5	36,42,44/03;20,21/04			
			38585	4	34/04	43168	2	36,42/03			
			38588	7	30,34/04	43180	5	44/03;22,38/04			
			38589		N34/04	43181	3	43/03			

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 29/03 THROUGH NM 38/04**

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.
44042	7	29,32/03;9,12,13,15,20,22,25,26,27,28,37/04	44206	1	40,46/03;6,11,22,30/04	51154	3	6,9,29/04	53031	1	31,49/03;6,7/04
44043	8	52/03;9,16,26,27,28/04	44207	1	40,41,45,46,50/03;9,21,22,23,30/04	51155	1	12,29/04	53058	2	37/03
44044	6	44/03;9,16,24,25,27/04	44220	5	40,45,46,48/03;3,11,20,23/04	51158	2	33/04	53060	14	31,36,39,44/03;6,11,22,26,32/04
44045	6	44/03;5,16/04	44221	1	52/03;3,11,37/04	51159	3	39/03	53061	10	38,44/03;15,17,21/04
44046	10	1,6,19,27,29/04	44223	1	48/03;11,12,15,23/04	51163	4	43/03;12,19/04	53062	13	15,17,19,21,22,26,33/04
44047	22	30,31,32,40,48/03;16,29,30/04	44224	1	42/03;3,19/04	51164	18	43/03;5,14,27,28/04	53063	9	33*,37/03;21/04
44048	11	31,40,48/03;9,13,16,21/04	44240	8	39/03;3,20,37,38/04	51165	8	39/03;5,8,27/04	53064	6	39/03;11/04
44049	9	30,31,40,48,50/03;1,2,9,12,18,26,29,30,33/04	44242	2	17,22,24,26,31/04	51166	3	N39/03	53065	2	39/03;11/04
44050	21	31,32/03;12,28,30/04	44260	7	48,52/03;5,13,16,17,32/04	51167	6	5,8,14,27/04	53066	2	39/03;11/04
44051	1	1,2,9,25,26,33/04	44280	9	34,44,47,50/03;11,32,38/04	51168	2	45/03;14,28/04	53081	8	27,30/04
44057	5	29,30/03	44281	2	45,49,50/03;11,12,19,37,38/04	51181	10	28/04	53082	14	37/04*
44061	21	32/03;1,6,17/04	44282	1	14,20/04	51220	8	43,45,46/03	53083	8	41/03;21,30/04
44062	8	40/03;1,17/04	44283	2	43,45,49,50/03;13,37/04	51223	2	24/04	53084	6	30/04
44063	8	1/04	44284	2	42,44/03;14,31,32/04	51240	2	43,46/03	53086	8	11,31/04
44064	19	1,6,15,27/04	44285	1	40,44,47/03;11,21/04	51260	4	43,44,52/03	53089	4	41/03;9/04
44065	7	6,19/04	44286	1	40,47/03;11/04	51261	23	40,46/03;12,30,32/04	53090	1	50/03
44066	10	31/03;6/04	44310	5	37,50/03;19,29,33/04	51263	23	32/04	53093	2	41/03;8,31/04
44067	22	6,9,14,15,21,29/04	44313	1	36,37,39,40/03;11,19,20,22,23,26,33,38/04	51341	23	34/03;15,37/04	53100	16	31/03;11,13,31/04
44068	11	40,51/03;9,27,32/04	44319	2	2,19,38/04	51342	3	5/04	53106	6	33/03;36/04
44069	16	40/03;9,14,15,21,29,30,32/04	44320	4	37,49,50,51/03;2,12,19,20,21/04	51343	3	21/04	53110	1	36/04
44070	7	21/04	44321	6	44,45/03;19,20,21,22,23,26,31,38/04	51344	2	44/03;26,33/04	53111	3	11/04
44071	4	29/03;21/04	44340	11	33,37,49,50,52/03;2,6,7,11,12,18,19,21,23,26,38/04	51380	5	42/03;21,29,30/04	53120	14	31,35/03;11,13,36/04
44072	4	40/03	44341	7	52/03;18,19,20,26,28,29,31,37/04	51420	5	42/03	53123	3	29/03
44075	4	40/03	44342	8	52/03;18,22,27,31/04	51440	4	42/03	53130	1	36/04
44076	3	30,32/03;14,26/04	44352	2	49/03;2,7,24,31/04	51460	4	22/04	53133	4	33*,45/03
44081	9	46,48/03;9,14,15,16,23,27,32/04	44360	9	30,31,32,37,39,44,52/03;2,11,24,30,31,36,37,38/04	51540	3	45/03	53147	3	35/03;36/04
44082	11	33/03;17,21/04	44361	6	35,52/03;4,6,15,17,20/04	51559	3	23/04	53149	2	11/04
44083	8	33/04	44365	1	43,52/03;4,11,13,15/04	51560	11	50/03	53160	14	35/04
44084	1	30/04	44366	1	44,52/03;30/04	51562	10	50/03	53161	8	35/04
44085	2	51/03	44367	2	39/03;13,20,23,26,31,36/04	51580	13	41/03	53164	9	35/04
44100	7	31,40,41,46,48,49,51/03;6,9,14,15,16,17,23,27,30,32,37/04	44400	4	34,41,49,50,51/03;7,12,16,18,19,24,25,31,36,38/04	51600	12	39/03;23/04	53166	1	6/04
44105	2	41,47,48,52/03;3,20,24,30/04	44401	7	41,49/03;6,12,21/04	51620	10	39/03	53180	10	29/03;11,35/04
44120	7	33,39,40,41,45,48,49/03;1,3,9,14,17,20,23,27,37/04	44410	4	41,45,49,50/03;2,3,9,16,18,22,28,29,31,36,37,38/04	51621	9	20,24/04	53200	6	30/03;4,11,12/04
44140	8	31,40,44,47,50/03;9,20,22,25,37/04	44420	6	40,44,49/03;5,8,9,11,22,23,24,25,26,27,29,36,37/04	51641	4	32,34,40/03	53201	6	38/03
44160	7	31,41,47,48,49/03;2,5,9,11,13,19,22,23,25,29,37/04	44430	2	40,44,47,52/03;22,27,30,37/04	52031	1	48,49/03;7,10,13,20,25,27,30/04	53204	10	1/04
44161	2	35,39,41,48,49,50/03;3,8,9,16,20,21,22,27,28,37,38/04	44444	6	30,34,35,36,38,41,52/03;7,13,20,21,26/04	52039	4	45/03;36/04	53205	3	28/04
44162	1	47/03;9,17,33/04	44461	10	31,36,47,50/03;22,30/04	52040	17	34/03;13,20,27,28,30/04	53206	6	34/04
44164	1	47/03;2,6,12,13,15,23,25,38/04	44462	4	39/03	52043	21	48,50,52/03;1,26,36/04	53220	6	4,10,12,36/04
44165	1	34,39,45,48/03;2,9,11,12,15,18,24,33/04	44463	9	22/04	52046	21	12,13,19/04	53226	3	35/03;12/04
44178	2	2,16,18/04	44465	2	47/03;22/04	52047	11	34/03;20,28/04	53262	8	1/04*
44179	2	35,39,51,52/03;3,8,14,18,25,26/04	44481	2	31,50/03;17/04	52048	3	30/04	53283	4	40/03;6/04
44180	6	43,48,50/03;2,3,6,8,11,12,14,22,25,28,33,37/04	51002	7	4/04	52051	1	16,27/04	53287	6	36/04
44181	5	48,52/03;2,8,9,11,12,14,22,25,30/04	51007	22	33,40/03;9,10,14,34/04	52052	1	16/04	53301	4	21/04
44182	4	42,43,46,48,49/03;1,2,6,8,12,15,18,23,26,27,38/04	51013	4	33,36,45/03;14,19,30,34/04	52060	16	29,34/03;6,27,31,34,35/04	53306	2	31,43/03
44183	6	35,39,43,46,49/03;2,13,14,15,28/04	51017	31	40,44/03;21,29,30/04	52061	2	29,34/03;6,30/04	53311	3	37/03
44184	9	32,48,52/03;8,11,21,24,27/04	51022	11	44/03;21,29,30/04	52062	7	29,34/03;1,6,7,31/04	53400	3	11/04
44185	7	32,48,50/03;9,11,14,18/04	51027	8	45/03	52080	14	48,49/03;5,7,20,21,25,30,38/04	54060	5	6,12/04
44186	2	29,49/03;1,3,11,12,16,21,23,24/04	51032	10	45/03	52082	3	21,29,30,38/04	54061	11	42/03
44187	2	39,44,48,50,52/03;2,6,22,33/04	51061	14	4,34/04	52083	2	46,48/03	54082	12	10/04
44192	1	39,43,44,48/03;1,2,5,8,9,11,14,15,24,28,30,33/04	51062	28	34/04	52085	3	46/03;34/04	54083	4	10/04
44193	1	43,48,50/03;5,6,9,12,14,15,25,27,32/04	51081	10	45/03;6,19,20,29/04	52086	2	36/03;5,7/04	54085	2	42/03
44200	9	37,43,47,50/03;12,20,21,25,33/04	51082	7	45/03;19,29/04	52087	1	6/04	54090	3	6,12,27/04
44203	1	52/03;2,8,12,15,22,29/04	51109	5	5,12/04	52088	3	10*,20,21/04	54095	3	30,42/03
44204	1	50/03;9,20/04	51120	6	4/04	52092	1	48/03	54105	3	50/03;10,36/04
44205	2	29,31,39,43/03;11,20,22,23,27/04	51135	1	46/03;4,5,25,27/04	52120	12	6,19,26,32,33/04	54115	3	30/03;10,36/04
			51142	2	33,40,45/03;29/04	52122	14	13,14,22/04	54120	5	10,36/04
			51143	4	40,45/03;9,29/04	52124	1	6/04	54125	3	30,47/03
			51144	3	46/03;9/04	52125	1	14,22,33/04	54131	2	50/03;12,35,36/04
			51146	3	36/03	52140	6	29,46,49,52/03;5,7,12,25/04	54140	7	30,47,51/03
			51150	1	33,40,46/03;9,12,28/04	52141	5	41,44,46,49/03;25/04	54151	1	42/03;24/04
						52142	3	14*,20/04	54161	12	27/04
						52143	8	7/04	54165	2	38/03
						52144	5	47/03;7,29/04	54168	1	38/03
						52160	7	50,52/03;14,37/04	54169	3	38/03;14/04
						52161	14	52/03	54180	6	30,42,47,51/03
						52162	2	14/04	54181	7	48/03*
						52170	3	42,52/03;10,33/04	54195	2	51/03
						52172	2	52/03;33/04	54226	2	47/03
						52180	14	50/03;6,33,34,36/04	54227	2	47/03;12/04
						52183	9	52/03;34/04	54266	2	27/04
						52184	3	34,38/04	54284	1	34/03
						52186	3	33/04	54337	3	21,31/04
						52200	8	34/04	54339	8	31,32/04
						52202	7	34/04	54343	10	6,31,32,33,34/04
						52220	7	34/04	54344	6	34/04
						52221	7	34/04	54346	9	20*,31,32,33,34,35,36/04
						52240	9	20,33,34/04	54350	4	37/03
						52243	11	20,34/04	54352	3	33,37/03;6/04
						52262	6	4/04	54359	2	38/03;21/04
						52263	5	4,35/04	54360	12	34,50/03;6/04
						52282	10	35/04	54361	10	38/03;21/04
						53011	2	7,10,35,36/04	54363	3	50/03;2,6/04
									54368	4	50/03
									54369	4	34,50/03;2/04
									54380	6	34/03;17,24/04
									54382	9	40/03;15,28,38/04

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 29/03 THROUGH NM 38/04

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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.
54387	7	30,39,42/03;38/04	55200	2	32,33,36,39,42,45,46,47,50,52/03;4,11,14,17,20,30/04	62143	3	32/03	63091	4	5/04
54389	8	24/04	56011	1	50,52/03;10/04	62177	3	12/04	63100	2	30/03
54400	8	30,36,37/03;13,14,19,24,25,30/04	56031	1	29/04	62188	4	37/04*	63101	15	30,40/03;16/04
54403	4	30,36/03;19,30/04	56060	9	38/03;18,28/04	62191	15	27/04	63102	19	30,40/03;16/04
54407	4	30,37,49/03;13,14,24,25,30/04	56064	6	8,18,26/04	62194	8	24/04	63103	17	16/04
54408	4	25/04	56065	3	38/03;8,18,26,28/04	62220	9	26/04	63111	9	16/04
54409	2	13,34/04	56067	3	38/03;8,10,26,28/04	62225	3	26/04	63200	5	30/03;10/04
54413	3	37/03	56081	19	5/04	62230	2	50/03;9/04	63201	9	30/03
54416	5	33,37/03	56082	16	29/03	62241	10	5/04	63205	2	30/03;10/04
54417	1	30/03*	56100	14	33/03*	62250	4	32/03	63210	3	30/03
54418	4	30,37,49/03;24,25,30/04	56101	6	5/04	62270	4	29,32/03	63250	6	5,16/04
54421	6	36,41,43,46,49/03;20,32,33/04	56102	23	5/04	62271	5	13/04	63252	1	33/03
54422	4	46/03	56103	6	33/03;5/04	62290	3	11/04	63260	5	5/04
54430	1	36,43/03;2,14,20,33/04	56104	3	5/04	62310	2	29/03	63271	8	9/04
54440	4	38/03;13,34,37/04	56105	1	38/03*	62340	3	13/04	63310	5	9/04
54441	6	22,30/04	56120	12	27/04	62350	3	13/04	63320	8	37,49/03;9,16/04
54462	5	51/03;4/04	57000	10	43/03	62355	6	29/03	63321	6	37,49/03;16/04
54463	5	1,27,37/04	57006	5	28/04	62360	5	37/04	63322	2	49/03
54464	5	15/04	57014	11	37/04	62361	2	N37/04	63324	1	9/04
54480	8	7,13,22,29,30,35/04	57035	10	4,23/04	62366	4	33/03*;9/04	63331	9	30/04
54481	8	33,43/03;7,13,22/04	57060	7	43/03;24/04	62391	5	33/03*	71009	3	36/04
55001	4	29,33,35,36,39,43,44,52/03;6,21,36,37/04	57080	8	24/04	62393	7	8/04	71018	10	25/04
55040	4	35,36,39,41,42,50,52/03;6,9,13,17,19,22,25,32/04	57101	18	28/04	62394	10	8/04	71027	9	33/03;14,34,36/04
55041	7	43,49,50/03;2,5,13,15/04	57103	2	24/04	62400	17	31/03;13/04	71033	31	36/04
55042	1	35,37/03;9,19,32/04	57140	10	24,28/04	62401	9	41/03;8/04	71036	8	25/04
55043	2	37,52/03	57141	14	28/04	62405	8	43/03	71040	5	47/03
55044	5	42,52/03;1,2,25/04	57142	6	28/04	62406	2	9,13/04	71045	2	36/04
55045	2	39,52/03;3,9/04	57160	10	28/04	62408	7	8/04	71050	2	36/04
55046	4	35,36,41,46,50/03;6,8,9,17,18,19,23,25/04	57161	4	23/04	62411	1	10,13,17/04	71066	2	31/04*
55047	8	41,49,51/03;6,7,15,18,23,25/04	57165	1	28/04	62412	12	52/03	71081	4	32/04*
55048	12	1,8,13,15,23,25/04	57170	1	52/03;20,28/04	62413	12	50,52/03;10/04	71091	4	36/04
55060	7	17,21,36/04	57200	6	52/03;37/04	62417	1	10,13/04	71140	6	36/04
55062	5	33/03;21/04	57201	5	52/03;26/04	62420	5	52/03;10/04	71210	18	36/04
55063	1	44/03	57240	8	28/04	62432	17	50/03*;11/04	71211	4	36/04
55064	3	8,25/04	57241	12	31/03	62434	9	43,50/03;1,4,5,11,12,15,23,31/04	71220	3	35/04
55082	9	32,44,46,50/03;20/04	57242	8	41/03	62437	10	30*,32,35,37/03;5,15/04	71241	10	15,25/04
55084	7	39/03;11,28/04	57245	1	41/03	62440	8	41/03;8/04	71244	3	11/04
55085	9	31,33,36,39,46,50/03;9,17,20,30/04	57260	3	28,37/04	62446	3	43/03	71247	18	11,12,15/04
55100	8	29,33,34,39,43,44/03;6,21,36/04	57381	12	4,27,37/04	62449	4	8/04	71248	2	N10,N14,N34/04
55101	4	32,34,38,39,42,43,46,50/03;2,4,6,9,11,13,17,28/04	57420	3	23/04	62451	7	5,9/04	71249	2	14/04
55102	3	32,36,43,46,50,52/03;2,6,13,17/04	57460	4	29/03	62453	4	50,52/03;10/04	71251	11	50/03;10,12,14,34/04
55103	2	31,35,36,38,42,43,45,46,50,52/03;2,6,13,15,28,30/04	57486	6	28/04	62459	2	41/03	71253	10	12,14/04
55104	2	31,33,36,45,46,52/03;2,6,13,28/04	57487	6	22/04	62459	2	41/03	71255	6	10,11,12/04
55105	7	29,33,36,42,43,48,52/03;3,9,37/04	57488	6	22,27/04	62460	4	9,36/04	71257	2	10,11,12,14,15,25,26/04
55110	2	29,43,44,51/03;3,14,15,21,25,28,31/04	61000	20	31/03;20,27/04	62480	2	32,41/03;8,9,36/04	71258	2	10,12,14,15,25/04
55120	2	33,34,42/03;2,17,21,28,36/04	61040	6	31/03;20/04	62490	2	32,50/03;9,12,15,18,23,31,35,36/04	71259	3	44/03;10,11,14,15,24,34,38/04
55127	2	32,36,51/03	61050	4	31/03;27/04	62498	4	31/03;13/04	71262	7	33/03
55128	2	32,34,43,50/03;2,6,9,11,13,20,30/04	61051	7	27/04	62499	4	31/03	71265	3	10,11,14,15,25,34,36,38/04
55129	7	34,35,42,45,46/03;6,9,11,20,28,30/04	61051	7	27/04	62510	3	8,9,36/04	71273	2	51/03;25/04
55130	2	32,33,34,39,42,46,50/03;2,6,9,11,17,28/04	61070	5	39/03	62512	3	N8,N9,N36/04	71275	3	33/03
55131	1	38,39/03;6,9,15,17/04	61071	9	39/03	62515	2	26/04	71281	7	34/03
55133	3	34,36,38,46/03;6/04	61091	5	35/03	62520	6	32,41/03;8,9,36/04	71305	2	31/04
55138	4	52/03;6,9,15/04	61092	13	35,39/03	62521	4	N32,N41/03;N8,N9,N36/04	71320	1	33,38/03
55139	5	6,15/04	61100	4	37/04	62530	6	32,52/03;9,17,35/04	71330	13	33,38/03
55140	2	29,33,34,35,36,42,45,46,47,52/03;2,9,11,17,20,28/04	61111	12	34/03	62531	4	N32,N52/03;N9,N17/04	71331	11	33,38/03
55150	2	36,48/03;3,14,31,37/04	61112	10	35/03	62540	6	30,35,43,50/03;9,12,15,18,23,26,31,35/04	71333	2	33/03
55160	2	29,41,42/03;3,37/04	61130	3	9/04	62541	3	N30,N35,N43,N50/03;N9,N12,N15,N18,N23,N26,N31,N35/04	71335	2	38/03
55161	1	41,42/03;23/04	61140	5	9/04	62550	3	32,52/03;5,9,10,17,36/04	71340	11	33/03
55170	2	46/03;6,9,13,15,24/04	61141	6	35/03;9,14,37/04	62560	4	5,8,9,17,27/04	71402	1	33/03
55180	2	29,33,36,39,42,45,46,47,52/03;2,9,11,20/04	61142	6	35,39/03;9,14,37/04	62570	4	30,35,37,43,50/03;1,5,9,11,12,15,18,23,26,31,35/04	71440	2	11,14/04
55190	2	39,40,51,52/03;2,3,6,9,15,30/04	61180	4	38/03	62572	1	50/03*;11/04	71460	1	36/04
			61190	4	9/04	62580	3	35/03;9,26/04	72000	8	25/04
			61204	13	29/03	62584	2	7/04	72007	10	50/03;9/04
			62028	15	13/04	62590	2	30,37,43,50/03;1,11,12,15,18,23,26,31,35/04	72014	10	9/04
			62032	16	41/03;8,36/04	62591	3	N30,N37,N43,N50/03;N1,N11,N12,N15,N18,N23,N26,N31,N35/04	72021	8	50/03;9/04
			62033	3	N41/03;N8,N36/04	63000	13	40/03;23/04	72025	8	9/04
			62070	4	26/04	63010	14	44/03	72045	2	9/04
			62090	7	11/04	63040	2	52/03	72070	4	25/04
			62092	7	27/04	63050	2	45/03	72085	3	50/03;9/04
			62095	3	32/03	63053	4	39,45/03;34/04	72094	2	25/04
			62097	6	38/03*	63054	3	34/04	72103	2	25/04
			62098	7	33/03*	63055	2	39/03	72105	2	50/03;9/04
			62100	6	11/04	63060	7	45/03	72107	2	32/04
			62110	9	9/04	63062	7	37,44,50/03	72110	9	9/04
			62120	6	26/04	63065	6	44/03	72120	3	9/04
			62142	10	32/03	63070	3	23/04	72173	2	9/04
						63090	8	30,40/03	72181	2	50/03
									72203	2	9/04
									72204	1	26/04
									72231	8	35/04
									73000	9	10,35,36/04
									73002	4	10/04
									73004	4	8,10,26,27/04
									73006	2	10/04
									73008	8	36/04

SECTION I

NM 38/04

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 29/03 THROUGH NM 38/04

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.
73010	3	10/04	74295	3	29,35/03;1/04	76161	10	47/03;29/04	93690	2	45/03
73012	6	36/04	74296	4	52/03;15,37/04	76170	7	52/03	93698	3	6/04
73014	10	10,35,36/04	74320	3	41,43/03	76180	1	3/04	93710	3	43,52/03
73016	4	10/04	74350	4	44/03:21/04	81001	1	36/04	93720	10	42,43,44,48,49/03
73018	3	10/04	74376	5	44/03	81004	3	37*,43/03;9,10,17,21/04	93721	5	40,41,43,44,45,46,48,49,50,52/03;1,4,7,8,11,14,16,22/04
73020	9	10,21/04	74392	7	49/03	81025	3	N38/04*	93725	6	49/03
73022	4	10,35/04	74393	9	39/03;13,36,38/04	81048	9	52/03*;8,9,17,21/04	93726	4	45,50/03
73130	8	31/04	74394	2	39/03;13,36,38/04	81054	14	52/03*;7/04	93730	3	31,41,42,43,46,47,48,49/03;13,14,16,17,23/04
73141	5	10/04	74420	3	30/03	81060	2	43/03;8,9,11,17,21/04	93733	13	40,41,44,45,47,48,52/03;1,4,8,14,16,23,25/04
73191	3	10/04	74440	3	22/04	81063	5	47/03	93734	12	51/03*;4,23/04
73470	4	35/04	74450	3	37/03	81067	6	46/03*;12,24/04	93736	24	11*,16,22,31/04
73552	4	38/03;18/04	74455	3	38,49/03	81071	6	24/04	94004	6	42/03;6,15,24/04
73580	4	43/03	74460	4	37/03	81076	10	41*,44/03;12/04	94016	2	33,47/03;26,30,34/04
73581	4	43/03	74465	2	36,38/03	81092	3	32/03	94028	7	31,33,40,51,52/03;1,4,16,17,19,20,21,28,30,38/04
73590	6	36,43/03	74475	2	42,48/03	81711	6	31/03;1/04	94033	5	29,42,44/03;2,12,16,19,23,38/04
73601	3	43/03;12/04	74493	3	37/04	81715	4	31/03;1/04	94040	13	31,43,51/03;13,18/04
73620	2	12/04	74510	2	35,38/03;13/04	82010	6	39/03;22/04	94042	9	43,45/03;4,8,13,16/04
73631	4	40/03	74515	4	31,35/03	82015	13	39/03;22/04	94060	10	31,42/03;11,13,18/04
73640	5	40/03;10/04	74517	3	31/03	82020	7	39/03;22/04	94061	5	41,42,52/03;11,13,18/04
73650	5	40/03	74530	2	36,49/03	82095	2	12/04	94080	7	32,51/03;15,17,23,24/04
73653	1	40/03	74535	2	36,38,49/03	82105	2	12/04	94082	8	51/03;15,23/04
74000	6	41/03;37/04	74545	3	32/03	82192	6	43/03	94083	12	15,24/04
74002	2	31/03	74550	4	32/03	82200	2	41/03;12/04	94120	6	15,23/04
74003	5	31,34/03	74555	3	12/04	82201	2	12/04	94122	7	35/03
74004	2	30/03;12/04	74560	10	31,32/03;15/04	82215	2	41/03	94123	9	23,24,37/04
74005	2	30,38/03;15/04	74581	9	31,39,48/03	82244	5	39/03	94124	13	23,24,37/04
74007	1	46/03	74582	9	31,39,48/03	82253	7	39/03;15/04	94160	7	31,41,42/03;6,13,16,17/04
74008	6	15,21/04	74583	15	38,48/03;12/04	82280		N39/03;N22/04	94164	2	41,42,43/03;17/04
74009	10	36,44/03;21/04	74584	5	36,38,39,48/03	82304	5	36/04	94165	4	43/03;13,18/04
74012	10	36,37/03;8,22/04	74591	7	38/03;12/04	82571	6	14/04	94180	9	44/03;6,16,17,18/04
74015	10	31,36/03;8,13,22/04	74595	2	42/03	83025	1	45/03	94187	3	36,45,46/03;12,18/04
74016	3	42,48/03	75000	6	31/03	83034	1	23/04	94203	10	41,42/03
74017	4	31,38/03;13/04	75001	3	31,32/03	83039	11	23/04	94206	3	44/03;18/04
74020	4	31,38/03;13/04	75025	9	36,38,39/03;8/04	83425	6	3/04	94216	6	42,44,47/03;1,5/04
74021	7	31,35/03;13/04	75035	18	8/04	83473	7	37/03	94217	4	2,5/04
74024	7	36,49/03	75051	6	5,11,36/04	83484	10	42/03;24/04	94218	3	2,5,17/04
74027	9	39/03	75052	2	10,11,36/04	83500	1	23/04	94219	1	46/03;6/04
74030	6	42/03	75130	16	37/03;22,37/04	83570	2	34/04	94220	4	33,42,44,47/03;5,18/04
74051	2	42/03	75131	7	39/03	83572	1	34/04	94260	5	31/03
74151	9	29,40,41/03;19,37/04	75132	11	29,32,35/03;9,21/04	83574	2	35/04	94280	5	32/03
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	94281	6	42/03
74153	2	41/03;1,19,37/04	75142	5	35/03;9/04	83590	1	45/03	94282	9	7,13/04
74171	4	40/03	75143	4	10/04	83637	4	37,38/04	94287	7	32/03;7,13,14/04
74172	5	40/03	75144	3	30,38/03;10/04	91005	6	42/03;36/04	94290	2	31/03;7/04
74181	8	34/03	75160	6	32/03	91020	5	46/03;37/04	94322	14	47/03;6/04
74182	12	34,38,39,40,41,42,49/03;11,17/04	75170	12	38/03	91025	8	46/03	94360	6	2,8,12,16,17,30/04
74183	11	38/03	75171	22	35,38,40,44/03;10,21/04	91030	3	42/03	94361	13	2,8/04
74184	10	34/03;8,11/04	75172	5	49/03	91175	2	6/04	94363	4	29/03;15,17,21,30/04
74186	7	30,36/03	75173	9	35,38,40/03	91220	3	30/04	94380	4	N18/04
74190	7	31,34,39/03	75176	9	32,40,44/03;21/04	91280	7	43,46/03;37/04	94420	3	42,44,47/03;2,12,16/04
74191	2	29/03;5/04	75177	7	38/03	91289	19	43/03	94421	10	12/04
74192	3	40/03	75180	2	38/03	91300	3	46/03	94423	12	12/04
74200	8	32,40/03	75185	2	36/03	91331	3	42/03	94440	2	23/04
74201	9	32/03;11/04	75190	2	36/03;22/04	91340	3	42/03	95016	8	21,24,25,26,28,29,36/04
74204	5	32,40,46/03;11/04	75191	6	30,34,36,38/03	92006	5	10,36/04	95040	8	27/04
74205	2	32,35/03;1/04	75193	6	35/03	92020	2	36/04	95041	7	50/03
74206	3	32*,36/04	75207	2	33,37,43,49/03	92025	3	42/03	95043	2	27/04
74210	7	37,46/03	75208	2	30,33/03;22/04	92030	4	42/03;30,36/04	95060	13	29,31,33/03;16,17,19,21,34,38/04
74220	8	30,37,46,50/03;11,15,25/04	75213	2	33,38/03	92033	5	36/04	95065	5	31/03;34/04
74221	2	30,38/03	75215	2	33,38/03	92150	3	43/03	95066	11	31,32,33,37/03;6,17,21,34,38/04
74229	2	50/03;21,24/04	75220	12	39/03;8/04	92160	3	43/03	95067	13	37/03;17,20/04
74230	7	36,46,50/03;12,15,25/04	75222	8	1,37/04	92170	3	43/03	95068	1	29,37/03;34/04
74231	7	36,50/03;10,24,25/04	75240	4	39/03;8/04	92350	4	30,36/04	95080	13	30,31,32,48,52/03;16,17,19,20,21,34,38/04
74232	9	8/04	75241	6	35/03	92356	2	30,36/04	95082	9	30,52/03;14,19,21/04
74240	8	41,46/03;13,25/04	75251	5	37,40/03;13,19/04	92410	3	42/03	95085	4	33/03
74251	8	15/04	75261	6	31,38/03;1,13,19/04	92450	3	42/03	95086	5	31,33/03
74252	9	10/04	75262	6	1/04	92500	1	36/04	95087	3	30,31/03;1/04
74253	6	30/03;10,13,15/04	75263	9	31/03;1/04	93006	2	43,44,48/03	95100	12	29,31,37/03;4,17,20,21,35,38/04
74261	9	30,39/03;21/04	75264	17	32/03;1/04	93010	6	32,34/04	95101	8	31/03;17,20/04
74265	2	30/03;10,13,15,35/04	75265	2	31,32,38,40/03	93025	5	45/03	95102	8	1,35/04
74270	3	38/03;10,15,21,35,38/04	76015	1	45,52/03;3/04	93048	1	33/03	95103	8	31/03;34/04
74271	9	29,30,38/03;10,21,35,38/04	76030	9	52/03;3/04	93110	2	34/04	95138	8	30,35,36/03;21/04
74272	7	29,30/03;9,15,21,35,38/04	76040	8	47/03	93160	4	47/03;34/04	95140	15	29,33,35,37,51,52/03;4,16,17,19,20,21,24,34,35/04
74273	5	10,15,35/04	76050	8	52/03	93180	7	47/03	95141	8	29,37,51/03;4,20/04
74281	7	30,52/03;17/04	76054	5	52/03	93220	6	47/03			
74283	2	52/03	76056	3	37/03	93240	11	47/03;32,34/04			
74285	2	38,50/03	76060	7	52/03	93241	9	32/04			
74286	2	29,35/03	76061	3	52/03	93245	6	32/04			
74287	2	47/03	76070	9	45,47,51/03;3,37/04	93247	4	32/04			
74289	5	10/04	76080	8	47/03	93260	8	47/03;32/04			
74290	11	30,38,50/03;15,18/04	76081	7	37/03;37/04	93261	5	47/03;32/04			
74292	8	52/03;1/04	76083	3	37/03	93620	4	26/04			
74293	7	18/04	76120	6	45/03	93626	9	26/04			
			76121	8	47/03	93650	2	49/03;2/04			
			76141	8	37,45,52/03	93652	2	49/03;2/04			
			76142	1	37,45/03	93680	3	18/04			
			76146	1	45/03	93688	3	N18/04			

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 29/03 THROUGH NM 38/04

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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.
95142	9	29/03	96938	4	34,36/04	97234	17	41/03;7,22,24,33/04	801902	9	N31/03;N14,N29/04
95143	11	30,36/03;21,34/04	96941	8	47/03;9,16,32,36/04	97235	2	52/03*	801953	1	N39,N52/03
95144	9	35,37/03;17/04	96942	9	9/04	97236	20	35,41/03;13,22,34/04	802260	5	N1,N23,N34/04
95146	14	31,32,35,37,48/03;20/04	96943	15	33,42/03;19,23,26,36/04	97237	6	41/03	803404	2	N8/04
95147	13	29,31,32,35,36/03;20,21/04	96944	6	17/04	97238	11	12/04	804059	2	N43/03
95149	9	30,32,35,52/03;16,20,34/04	96945	3	42/03;16,19,34,36/04	97241	6	1,23,27,30,36/04	804567	4	N31/03;N9,N32/04
95151	17	29,30,37/03;16,19,20,34/04	96947	15	23,25,27/04	97243	8	33/03;14,22/04	805118	3	N36/03;N12,N24/04
95152	5	30,31,32,35/03;20,34/04	96948	8	30/04	97245	11	29/03	805647	2	N30/03;N8,N13/04
95153	2	32/03;19/04	96960	3	47/03;16,32,34,36/04	97246	7	13,25/04	805980	4	N23/04
95160	13	33,36,40/03;1,14,16,17,19,20,24,28,38/04	96962	4	33/03;23,26/04	97251	4	36,52/03	806927	8	N30,N39/03;N29/04
95161	16	30,37/03;20/04	97000	3	40/03	97261	15	44/03;1,13,22,23,24,27,31/04	807370	5	N30,N31,N39/03;N14,N29/04
95162	2	30,35/03;20,34,37/04	97015	10	16,17,31,32/04	97262	10	33,46/03;2,13,14,22,31,36/04	809055	7	N25,N26,N31/04
95169	2	34/04	97021	7	40/03;16,17,19,20,21,25,28,31,32,34/04	97263	10	46/03;2,14,31,36/04	809679	2	N36/04
95171	1	37/03;35/04	97026	10	23,30,34/04	97266	5	42/03;1,2,7,23,27,31,32/04			
95172	1	32/03;35/04	97029	3	40/03;16,32,34,36/04	97267	16	42/03;7,9,13,32/04			
95176	2	30,35/03	97040	5	23,24/04	97268	10	24/04			
95180	11	34,35,37/04	97042	7	27/04	97269	11	7,32/04			
95185	2	35/03;37/04	97060	8	27/04	97270	6	7,13/04			
95230	3	29/04	97061	4	21/04*	97271	12	35,41,44/03;9,17,24,31/04			
95243	4	15/04	97062	12	34,35/03;10,27,32/04	97272	11	37,47/03;1,9,13,19,31,33/04			
95250	4	36/03;19,26,31,36,38/04	97063	2	48/03*	97273	11	34*,52/03;1,9,33,38/04			
95255	2	31/04	97064	2	33,45/03	97274	19	37,47,52/03;7,9,21,38/04			
95261	7	36,47/03;14,21,26,31,36/04	97065	2	48/03*	97275	3	52/03*			
95262	13	36/03	97080	6	21*,24/04	97276	2	50/03*			
95267	6	15/04*	97082	5	34/03;10/04	97277	12	21*,24,33/04			
95268	16	30,33/04	97083	3	29,34,35/03;27,36/04	97278	12	14/04*			
95270	5	21/04*	97100	4	49/03;16,17,24,31,32/04	97280	4	31/04			
95271	4	36/03;30,33/04	97101	2	50/03*	97281	3	50/03*			
95272	3	30,33/04	97104	4	41/03	97285	6	36/03;7,21/04			
95273	2	12,36/04	97105	3	41/03;17,24/04	97286	6	35,36,38/03;26,38/04			
95274	4	15*,25,36/04	97108	4	50/03*	97300	6	6,22,27,31/04			
95276	4	1*,26/04	97120	6	40,44,45,49/03;31,32/04	97303	3	45/03			
95280	10	21*,34/04	97140	17	40,44,45,46,49,52/03;31,32,34,36/04	97304	1	22/04			
95281	15	36,45/03	97141	5	6/04	97320	6	46/03;6,14,21,22,34,38/04			
95282	7	12,19/04	97143	12	21*,33,38/04	97340	8	36,46,47/03;9,14,24,34/04			
95285	3	12,34/04	97144	14	39,44,49/03;6,33/04	97341	9	47/03			
95300	6	21*,22,26,30,34/04	97145	1	40,45,47/03;31,32,36/04	97342	14	43/03;24/04			
95320	15	33,40/03;10,13,14,26,28,38/04	97146	10	39/03	97343	12	9/04			
95341	8	40,44/03;10,13,14,31,38/04	97149	20	12,33/04	97345	2	50/03			
95342	16	10,13/04	97150	13	42,49/03	97360	6	43,45,47/03;30,34/04			
96000	5	17,20,32/04	97151	16	49/03;38/04	97380	7	38,40,45/03;17,23/04			
96004	14	16,25,32/04	97152	9	1*,6/04	97381	7	43,45/03			
96012	16	32,34/04	97153	8	52/03*;30/04	97382	2	42/03			
96016	7	51/03	97155	14	10,12,20/04	97383	16	42,46,47/03;22,25,33/04			
96028	5	51/03;20/04	97157	2	40/03*-1,38/04	97385	10	46,47/03;22,33/04			
96032	3	34,51/03;20/04	97158	5	50/03*	97387	2	42,46/03;10,25,33/04			
96036	2	36/03;15/04	97159	6	44,46,52/03;34,36/04	97389	2	45*,47/03			
96039	7	44/03;8,15/04	97163	14	36/03;11/04	97390	5	36/03;7,22/04			
96041	11	39,44,45/03;8,11,20/04	97164	1	52/03	97392	5	33,38/03;33/04			
96042	11	39,40,44,45/03;8,11,20,26/04	97165	1	52/03	97396	14	33,38/03;2/04			
96043	8	11/04	97166	1	46/03	97397	7	44,49/03			
96044	10	38,51/03;2,7,20/04	97167	2	23/04	97398	4	43/03*;27/04			
96080	6	25/04	97180	6	44/03;19,32,34/04	97400	4	34*,44,49/03			
96100	2	25/04	97181	20	35,44,46/03;1,7,19/04	97410	9	50/03*;2/04			
96181	5	25/04	97182	13	35,46/03;1,9,21,26,28,36/04	97412	7	47/03			
96200	5	34,36/04	97183	9	43,44/03	97420	17	33,38,40,45/03;1,13,14,17,23,24,28,38/04			
96320	4	51/03	97184	15	39,44/03	97421	13	36/03			
96340	4	45,51/03	97185	2	46/03	97423	2	36/03;10,17/04			
96381	2	50/03	97187	3	2,16/04	97425	6	45/03;1,2,23,28,38/04			
96440	3	11/04	97188	3	50/03*-7,9/04	97440	8	43,47/03;9,30,34/04			
96441	1	50/03;20/04	97189	2	39,43/03	97441	5	47/03;14/04			
96480	3	51/03;11/04	97190	2	19,31/04	97443	6	47/03			
96500	6	39/03;8,25/04	97200	9	29/03;17,23,27,31/04	97460	7	47/03;9,23,26,34/04			
96520	7	8,20/04	97202	15	30,33/04	97461	9	9,26,34/04			
96540	5	11/04	97204	9	33,43,45,47/03;13,25/04	97465	9	33,37/03;6,12,26/04			
96560	5	51/03	97206	3	50/03*-13/04	97469	10	33,37/03;6,12,30/04			
96620	3	38/03;11/04	97218	3	33/03	97471	5	N33/03;N6,N10,N12/04			
96621	5	38/03;11/04	97219	4	47/03;13,27/04	97472	8	33/03			
96640	5	15/04	97220	3	29,33,46,49/03;6,18/04	97474	7	26/04			
96645	1	15/04	97221	20	29,33,46/03;6,7,11,13,17,18,24,27,33/04	97480	7	15,23/04			
96660	4	36/03	97222	12	29/03;11,17,24,27/04	97483	7	11/04			
96760	4	17/04	97223	3	46/03;21/04	97501	2	21*,23/04			
96762	4	50/03*-16/04	97224	6	45/03;11/04	97521	6	36/04			
96763	7	32,37,45/03;6,16,21,26,36/04	97225	32	21*,27/04	800669	8	N1,N16,N34/04			
96764	3	34/03*	97226	7	41/03;6,22/04	800744	1	N36,N47,N50/03;N10,N30/04			
96883	9	11/04	97227	11	30,34/03	801217	1	N33,N37/03;N6,N12,N26/04			
96904	3	34/03*	97228	15	29,35,49,52/03;7,34/04	801885	3	N34/03			
96937	2	36/04	97229	12	33/03;18,30/04						
			97230	18	33/03						
			97231	11	33/03						
			97232	9	7*,23/04						
			97233	12	15*,17/04						

SECTION II

NM 38/04

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							
11XHA11347 (7642014010226)	Calcasieu River and Lake (Not shown on index)	50,000	<u>34</u>	<u>5/04</u>	NOS	1-94	38/04
11XHA11370 (7642014010233)	Mississippi River-New Orleans to Baton Rouge (Not shown on index)	40,000	<u>25</u>	<u>7/04</u>	NOS	1-94	38/04
11XHA11432 (7642014010245)	Everglades National Park-Shark River to Lostmans River (Not shown on index)	50,000	<u>14</u>	<u>5/04</u>	NOS	1-94	38/04
11XHA11514 (7642014010268)	<u>Savannah River- Savannah to Brier Creek</u> (Not shown on index)	20,000	<u>27</u>	<u>7/04</u>	NOS	1-20,94	38/04
12XHA12316 (7642014010368)	Little Egg Harbor to Cape May Continuation: Mullica River Inset: Atlantic City (Not shown on index)	40,000 40,000 20,000	<u>31</u>	<u>5/04</u>	NOS	1-95	38/04
16BCO16343 (7642014011268)	Port Heiden (LORAN-C)	80,000	<u>8</u>	<u>6/04</u>	NOS	1-97	38/04
16XHA16515 (7642014011362)	<u>Unalaska Island-Chernofski Harbor to Skan Bay</u>	40,000	<u>7</u>	<u>6/04</u>	NOS	1-66,97	38/04
17XHA17325 (7642014011432)	South and West Coasts of Kruzof Island	40,000	<u>8</u>	<u>6/04</u>	NOS	1-97	38/04
REGION 3							
<u>37ACO37057</u> (<u>7642015122655</u>)	<u>UKHO 1503, Outer Dowsing to Smiths Knoll including</u> <u>Indefatigable Banks</u> (Change legend 37170 to 37057 on graphic p. 3-13 in 53-36N 002-51E)	<u>150,000</u>		<u>10/00</u>	<u>UKHO</u>	3-12,13, 30	38/04
<u>37ACO37058</u> (<u>7642015122656</u>)	<u>UKHO 1187, Outer Silver Pit</u> (Change legend 37175 to 37058 on graphic p. 3-13 in 54-15N 003-00E)	<u>150,000</u>		<u>1/02</u>	<u>UKHO</u>	3-12,13, 30	38/04
<u>37ACO37059</u> (<u>7642015122657</u>)	<u>UKHO 1190, Flamborough Head to Blakeney Point</u> (Change legend 37180 to 37059 on graphic p. 3-13 in 54-05N 001-00E)	<u>150,000</u>		<u>1/02</u>	<u>UKHO</u>	3-12,13, 30	38/04
<u>37AHA37062</u> (<u>7642015122660</u>)	<u>UKHO 109, River Humber and the Rivers Ouse and Trent</u> Plans A: Humber Bridge to Whitton Ness B: Whitton Ness to Goole and Keadby C: Keadby to Gainesborough D: Goole (Change legend 37182 to 37062 on graphic p. 3-13 in 53-30N 000-08E and legends 37182 (4) to 37062 in vicinity 53-39N 000-12W)	<u>50,000</u> <u>50,000</u> <u>100,000</u> <u>5,000</u>		<u>4/04</u>	<u>UKHO</u>	3-12,13, 30	38/04
37ACO37170 (7642014012421)	Canceled					3-12,30	38/04
37ACO37175 (7642014014732)	Canceled					3-12,30	38/04
37ACO37180 (7642014012427)	Canceled					3-12,30	38/04
37AHA37182 (7642014012455)	Canceled					3-12,30	38/04

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 8						
81AOA81025 (7642014013804)	<u>Mariana Islands Fleet Operating Areas</u>	<u>1,065,600</u>	<u>3</u>	<u>6/04</u>	DS	8-2,22	38/04
	MISCELLANEOUS CHARTS AND PUBLICATIONS						
DNCDX001 (7644014408230)	South Atlantic Ocean		<u>19</u>	<u>7/04</u>	DS	10-43	38/04
DNCDX003 (7644014398358)	Indian Ocean		<u>14</u>	<u>7/04</u>	DS	10-43	38/04
DNCDX005 (7644014482129)	Eastern Australia		<u>10</u>	<u>7/04</u>	DS	10-43	38/04
DNCDX026 (7644014421035)	British Columbia		<u>16</u>	<u>7/04</u>	DS	10-43	38/04
<u>CDPUBSD147</u> (7644014665882)	<u>Caribbean Sea - Volume I (Enroute), 2004</u>				<u>GPO</u>	10-19, 38	38/04
LLPUB115 (7642014007539)	<u>Norway, Iceland and Arctic Ocean, 2004</u>				GPO	10-22	38/04
NOSBPCP9 (7642014008452)	<u>No. 9 Cape Spencer to Beaufort Sea, 2004</u>				NOS	10-25	38/04

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

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 DS Distribution Limited
 GPO Government Printing Office
 NOS National Ocean Service
 UKHO United Kingdom Hydrographic Office
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For questions concerning the availability and distribution of announced charts, users should contact the Defense Logistics Agency (DLA) at 1-800-826-0342 or 804-279-6500; DSN 695-6500; Fax 804-279-6524.

PUB 173 7 Ed 2002 LAST NM 17/04

Page 48—Line 9/R; insert after:

Berths 5A and 6A are ready for the discharge of coal. The fair season draft (September 16 to May 20) is 14m and is designed for vessels up to 150,000 dwt. During the monsoon season (May 21 to September 15), the draft is expected to be reduced by 1.5m.

(BA NP 38) 38/04

COAST PILOT CORRECTIONS**COAST PILOT 1 34 Ed 2004 Change No. 5
LAST NM 34/04**

Page 1—Paragraph 2; read:

Amendments to this publication are issued through NOS website <http://nauticalcharts.noaa.gov/nsd/cpdownload.htm>, U.S. Coast Guard Local Notices to Mariners web site <http://www.navcen.uscg.gov/lnm/default.htm>, and National Geospatial-Intelligence Agency Notices to Mariners website <http://pollux.nss.nga.mil/untm/>.

(NOS/04) 38/04

Page 35—Paragraph 582, lines 1 to 3; read:

National Oceanic and Atmospheric Administration:
The U.S. Department of Commerce National Oceanic and Atmospheric Administration ...

(CL 1121/04) 38/04

Page 406—Paragraph 53; read:

Electronic versions of the Local Notices to Mariners are posted weekly on the U.S. Coast Guard Navigation Center's website at: <http://www.navcen.uscg.gov/lnm/default.htm>. The National Geospatial-Intelligence Agency Notices to Mariners are available at: <http://pollux.nss.nga.mil/untm/>.

(NOS/04) 38/04

COAST PILOT 1 34 Ed 2004 Change No. 6

Page 84—Paragraph 875, line 4; read:
destination.

(9) Ammonium nitrate and ammonium nitrate based fertilizers, in bulk, listed as a Division 5.1 material in 49 CFR 172.101.

(10) Propylene oxide, alone or mixed with ethylene oxide, in bulk.

(FR 8/18/04) 38/04

Page 84—Paragraphs 886 to 890; read:

(a) [Suspended]

(FR 8/18/04) 38/04

Page 87—Paragraph 893; read:

(d) [Suspended]

(e) *Submission to the National Vessel Movement Center (NVMC).* Except as provided in paragraphs (b) and (c) of this section, vessels must submit NOA information required by §160.206 (entries 1-9 to Table 160.206) to the NVMC, United States Coast Guard, 408 Coast Guard Drive, Kear-

neysville, WV 25430, By:

(1) Electronic submission via the electronic NOA (e-NOA) available on the NVMC web site at <http://www.nvmc.uscg.gov>.

(2) Electronic submission via web service of formatted XML (eXtensible Markup Language) documents. E-mail sans@nvmc.uscg.gov to ask for the XML schema details;

(3) E-mail at sans@nvmc.uscg.gov. Workbook available at <http://www.nvmc.uscg.gov>;

(4) Fax at 1-800-547-8724 or 304-264-2684. Workbook available at <http://www.nvmc.uscg.gov>; or,

(5) Telephone at 1-800-708-9823 or 304-264-2502.
(FR 8/18/04) 38/04

**COAST PILOT 2 33 Ed 2004 Change No. 14
LAST NM 37/04**

Page 192—Paragraph 21, line 1; read:

Nauset Beach Light (41°51'36"N., 69°57'12"W.), 114 ...
(LL/04) 38/04

Page 217—Paragraph 52, line 3; read:

(41°20'54"N., 70°50'06"W.), 170 feet above the water, ...
(LL/04) 38/04

Page 234—Paragraph 236, line 3; read:

(41°30'33"N., 70°49'54"W.) through the buoyed channel ...
(LL/04; 14/04 CG1) 38/04

Page 235—Paragraph 251, line 2; read:

BB (41°30'33"N., 70°49'54"W.) or ...
(LL/04; 14/04 CG1) 38/04

Page 240—Paragraph 17, line 2; read:

NB (41°23'00"N., 71°23'24"W.) is at the north end of the ...
(LL/04) 38/04

Page 240—Paragraph 20, line 2; read:

abeam of Narragansett Bay Entrance Lighted Whistle ...
(LL/04) 38/04

Page 241—Paragraph 33, line 2; read:

Narragansett Bay Entrance Lighted Whistle Buoy NB ...
(LL/04) 38/04

Page 243—Paragraph 68, line 3; read:

to East Passage. **Beavertail Light** (41°26'58"N., 71°23'59"W.), ...
(LL/04) 38/04

Page 252—Paragraph 203, line 2; read:

Bay Entrance Lighted Whistle Buoy NB and Fox Point, is ...
(LL/04) 38/04

Page 263—Paragraph 34, line 3; read:

red-brick octagonal, pyramidal tower attached to a dwelling to **Mohegan Bluffs** on the southeast point ...

(LL/04) 38/04

COAST PILOT 2 (Continued)

Page 263—Paragraph 36, line 1; read:

Block Island North Light (41°13'42"N., 71°34'36"W.), ...
(LL/04) 38/04

Page 264—Paragraph 45, line 1; read:

Point Judith Light (41°21'42"N., 71°28'54"W.), 65 feet ...
(LL/04) 38/04

Page 291—Paragraph 39, line 1; read:

New London Ledge Light (41°18'18"N., 72°04'42"W.), ...
(LL/04) 38/04

Page 352—Paragraph 413, lines 6 to 9; read:

2.3 miles above the channel entrance. In June-July 2003, the controlling depths were 1.5 feet (5.4 feet at midchannel) from the entrance to the Bruckner Expressway bascule bridge; thence in 1991, 5.5 feet (11 feet at ...
(CL 1135/04; BPs 184071-077) 38/04

COAST PILOT 2 33 Ed 2004 Change No. 15

Page 1—Paragraph 2; read:

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(NOS/04) 38/04

Page 324—Paragraph 23, line 2; read:

Whistle Buoy BH (41°06'14"N., 73°11'44"W.), is 3.3 miles ...
(LL/04) 38/04

Page 346—Paragraph 326, line 6; read:

(40°54'48"N., 73°29'36"W.), 37 feet above the water, and ...
(LL/04) 38/04

Page 366—Paragraph 103, line 1; read:

Fire Island Light (40°37'57"N., 73°13'07"W.), 167 feet ...
(LL/04) 38/04

Page 420—Paragraph 53; read:

Electronic versions of the Local Notices to Mariners are posted weekly on the U.S. Coast Guard Navigation Center's website at: <http://www.navcen.uscg.gov/lnm/default.htm>. The National Geospatial-Intelligence Agency Notices to Mariners are available at: <http://pollux.nss.nga.mil/untm/>.
(NOS/04) 38/04

COAST PILOT 2 33 Ed 2004 Change No. 16

Page 100—Paragraph 1527, line 4; read:

destination.

(9) Ammonium nitrate and ammonium nitrate based fer-

tilizers, in bulk, listed as a Division 5.1 material in 49 CFR 172.101.

(10) Propylene oxide, alone or mixed with ethylene oxide, in bulk.
(FR 8/18/04) 38/04

Page 100—Paragraphs 1538 to 1542; read:

(a) [Suspended]
(FR 8/18/04) 38/04

Page 100—Paragraph 1545; read:

(d) [Suspended]
(e) *Submission to the National Vessel Movement Center (NVMC)*. Except as provided in paragraphs (b) and (c) of this section, vessels must submit NOA information required by §160.206 (entries 1-9 to Table 160.206) to the NVMC, United States Coast Guard, 408 Coast Guard Drive, Kearneysville, WV 25430, By:

(1) Electronic submission via the electronic NOA (e-NOA) available on the NVMC web site at <http://www.nvmc.uscg.gov>.

(2) Electronic submission via web service of formatted XML (eXtensible Markup Language) documents. E-mail sans@nvmc.uscg.gov to ask for the XML schema details;

(3) E-mail at sans@nvmc.uscg.gov. Workbook available at <http://www.nvmc.uscg.gov>;

(4) Fax at 1-800-547-8724 or 304-264-2684. Workbook available at <http://www.nvmc.uscg.gov>; or,

(5) Telephone at 1-800-708-9823 or 304-264-2502.
(FR 8/18/04) 38/04

COAST PILOT 3 37 Ed 2004 Change No. 11
LAST NM 37/04

Page 1—Paragraph 2; read:

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(NOS/04) 38/04

Page 35—Paragraph 582, lines 1 to 3; read:

National Oceanic and Atmospheric Administration: The U.S. Department of Commerce National Oceanic and Atmospheric Administration (NOAA) ...
(CL 1121/04) 38/04

Page 374—Paragraph 52; read:

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(NOS/04) 38/04

COAST PILOT 7 (Continued)

Page 35—Paragraph 584, lines 1 to 3; read:

National Oceanic and Atmospheric Administration:
The U.S. Department of Commerce National Oceanic and
Atmospheric Administration ...
(CL 1121/04) 38/04

Page 654—Paragraph 55; read:

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The National Geospatial-Intelligence Agency Notices to
Mariners are available at: <http://pollux.nss.nga.mil/untm/>.
(NOS/04) 38/04

COAST PILOT 7 36 Ed 2004 Change No. 18

Page 45—Paragraph 2, line 22; read:
Part 166 Shipping Safety Fairways

Part 167 Offshore Traffic Separation Schemes

Part 168 Escort Requirements for Certain Tankers ...
(33 CFR 167, 168) 38/04

Page 45—Paragraph 5, line 2; read:
157, 160, 161, 162, 164, 165, 166, 167, and 168; 46 CFR
15);
(33 CFR 167, 168) 38/04

Page 45—Paragraph 6, line 2; read:
334).
Environmental Protection Agency: (40 CFR 140).
(NOS/04) 38/04

Page 290—Paragraph 90, line 7; read:
Anacapa Island Light (34°00'56"N., 119°21'34"W.), 277
feet ...
(23/04 CG11) 38/04

Page 293—Paragraph 131, lines 11 to 13; read:
of beach; the S shore is more precipitous than the N.
(NOS 18727; Internet/04) 38/04

Page 293—Paragraph 134, lines 1 to 8; read:
Cardwell Point is the E extremity of the island. A low
sandy area which uncovers extends 0.5 mile E of the point
and a dangerous reef extends an additional 0.4 mile from the
tip of the area. In 1994, a shoal with breakers was reported
near the reef in about 34°01'06"N., 120°17'24"W. A sub-
merged rock and rock awash are ...
(NOS 18727) 38/04

Page 293—Paragraph 138, lines 10 to 11; read:
shoal extending E for over 300 yards. Anchorage may be
made about 0.2 mile S of the Bat Rock where ...
(NOS 18727) 38/04

Page 470—Paragraphs 16 to 19; read:
INMARSAT telex 04352586 "CGTC VAS VCR";
Any Canadian Coast Guard MCTS Centre, free of charge;
Directly to CVTS Offshore by FAX: 604-666-8453, or;
E-mail: rmic-pacific@pac.dfo-mpo.gc.ca
(29/04 CG13) 38/04

Page 576—Paragraph 130, line 9; read:
lighted range. The range may be obscured by vessels moored
at Pier 1. In 2001, the harbormaster was enforcing ...
(CL 947/04) 38/04

COAST PILOT 8 26 Ed 2004 Change No. 2
LAST NM 34/04

Page 1—Paragraph 2; read:
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NOS website <http://nauticalcharts.noaa.gov/nsd/cpdownload.htm>, U.S. Coast Guard Local Notices to Mariners
website <http://www.navcen.uscg.gov/lnm/default.htm>,
and National Geospatial-Intelligence Agency Notices to
Mariners website <http://pollux.nss.nga.mil/untm/>.**
(NOS/04) 38/04

Page 34—Paragraph 563, lines 1 to 3; read:
National Oceanic and Atmospheric Administration:
The U.S. Department of Commerce National Oceanic and
Atmospheric Administration ...
(CL 1121/04) 38/04

Page 386—Paragraph 54; read:
Electronic versions of the Local Notices to Mariners are
posted weekly on the U.S. Coast Guard Navigation Center's
website at: <http://www.navcen.uscg.gov/lnm/default.htm>.
The National Geospatial-Intelligence Agency Notices to
Mariners are available at: <http://pollux.nss.nga.mil/untm/>.
(NOS/04) 38/04

COAST PILOT 9 22 Ed 2004 NEW EDITION
(NOS) 38/04

Vessel Navigation Requirements—Great Barrier Reef National Marine Park	
Vessels required to navigate within the limits of the DSA or the General Use Zones of the Greater Barrier Reef Marine Park	Exempt vessels
<p>Vessels 50m long and over.</p> <p>Oil tankers, within the meaning given by the Protocol of 1978 relating to the International Convention for the Prevention of Pollution from Ships, regardless of its length.</p> <p>A chemical carrier or liquefied gas carrier, regardless of its length.</p> <p>A vessel to which the INF Code applies, regardless of its length.</p> <p>A vessel adapted to carry oil or chemicals in bulk in cargo spaces.</p> <p>A vessel engaged in towing or pushing another vessel or vessels if any of the above descriptions apply to the towed or pushed vessel or if the total length of the tow, measured from the stern of the towing vessel to the after end of the tow is greater than 150m.</p>	<p>A vessel of the Australian Defense Force.</p> <p>A vessel of the armed forces of another country, if the vessel is in Australian waters with the consent of Australia.</p> <p>A super-yacht (a vessel more than 50m long used for recreational purposes).</p>

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
200	Whaleback Light	43 03 32 N 70 41 47 W	Fl (2) W 10s 0.1s fl 8.4s ec. 0.1s fl 1.4s ec.	59	17	Gray conical tower. 75	Emergency light of reduced intensity when main light is extinguished. HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si).
			*		*		* 38/04
	*Delete Headings: *FRENCHMAN AND BLUEHILL BAYS AND APPROACHES (Chart 13312) *Frenchman Bay						
1835	- Approach Lighted Whistle Buoy FBE						Remove from list.
							* 38/04
	*Add Headings: *FRENCHMAN AND BLUEHILL BAYS AND APPROACHES (Chart 13312) *Frenchman Bay						
1840	Otter Cliff Ledge Bell Buoy 1 0.1 mile southeast of ledge.	44 18 31 N 68 10 55 W				Green.	
							38/04
*2173	UCONN Pile Island Monitoring Buoy					Yellow.	Private aid.
							38/04
2305	Frenchman Bay Southern Approach Lighted Whistle Buoy FBS						Remove from list.
							* 38/04

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
1970	NANTUXENT POINT LIGHT	39 16 39 N 75 14 40 W	Fl W 4s	15	7	NR on pile.	
				*		*	38/04
4470	- Lighted Buoy WR10		FIR 2.5s		3	Red.	Marks sunken daybeacon. Replaced with unlighted buoy when endangered by ice.
	*		*		*	*	* 38/04
4867	- Buoy 12A						Remove from list.
							* 38/04
*10762	- Daybeacon A	36 53 16 N 76 16 40 W				JR on pile.	Private aid.
							38/04
*10762.01	- Daybeacon 1N					SG on pile.	Private aid.
							38/04

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
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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
*10762.02	- Daybeacon 2					TR on pile.	Private aid. 38/04
*10762.03	- Daybeacon 3					SG on pile.	Private aid. 38/04
*10762.04	- Daybeacon 4					TR on pile.	Private aid. 38/04
*10762.05	- Daybeacon 5					SG on pile.	Private aid. 38/04
*10762.06	- Daybeacon 6					TR on pile.	Private aid. 38/04
*10762.07	- Daybeacon 7					SG on pile.	Private aid. 38/04
*10762.08	- Daybeacon 8					TR on pile.	Private aid. 38/04
*10762.09	- Daybeacon 10					TR on pile.	Private aid. 38/04
*10762.1	Daybeacon 12					TR on pile.	Private aid. 38/04
*10762.11	- Daybeacon 2S	36 53 14 N 76 16 34 W				TR on pile.	Private aid. 38/04
*10762.12	- Daybeacon 3					SG on pile.	Private aid. 38/04
*10762.13	- Daybeacon 4					TR on pile.	Private aid. 38/04
*10762.14	- Daybeacon 6					TR on pile.	Private aid. 38/04
Surry Power Station							
11795	- Daybeacon 1	37 09 40 N 76 39 06 W				SG on pile.	Private aid. 38/04
		*					38/04
*11800	- Daybeacon 2					TR on pile.	Private aid. 38/04
*11805	- Daybeacon 3					SG on pile.	Private aid. 38/04

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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
*11810	- Daybeacon 5					SG on pile.	Private aid. 38/04
*11815	- Daybeacon 7					SG on pile.	Private aid. 38/04
*11820	- Daybeacon 9					SG on pile.	Private aid. 38/04
Tangier Sound							
23270	- Lighted Buoy 8	37 57 55 N 75 55 47 W	FI R 2.5s			4 Red.	Replaced by Lighted Buoy of lower intensity from Dec.1 to Mar.15. * 38/04
23275	- Lighted Bell Buoy 9		Q G			4 Green.	Replaced by Lighted Buoy of lower intensity from Dec.1 to Mar.15. * 38/04
Manokin River							
23375	- Junction Lighted Buoy MR	38 02 14 N 75 55 26 W	FI (2+1) R 6s			3 Red and green bands.	Replaced by Lighted Buoy of lower intensity from Dec.1 to Mar.15. * 38/04
Tangier Sound							
23485	- Lighted Buoy 10		FI R 2.5s			4 Red.	Replaced by Lighted Buoy of lower intensity from Dec.1 to Mar.15. * 38/04
23585	- Lighted Buoy 16		FI R 6s			4 Red.	Replaced by Lighted Buoy of lower intensity from Dec.1 to Mar.15. * 38/04
Nanticoke River							
23965	- ENTRANCE LIGHT 1N	38 13 04 N 75 56 34 W	FI G 2.5s	15		4 SG on pile.	Ra ref. * 38/04
30205	- Daybeacon 10	34 11 19 N 77 48 49 W				TR on pile.	* 38/04
31150	- LIGHT 10		FI R 4s	15		3 TR on pile.	* 38/04

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SECTION II

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
375	TYBEE CREEK NORTH AND SOUTH LIGHTS (2)						<i>Remove from list.</i>
							* 38/04
*4553	<i>Savannah River Entrance Channel Special Purpose Lighted Buoy</i>	31 59 00 N 80 44 06 W	FI Y 4s			Yellow.	Private aid. 38/04
	Tropical Marina						
14110	- Daybeacon 2	24 39 42 N 81 27 48 W					Private aid. *
							38/04
*15648	MIDDLE OBSTRUCTION LIGHT	25 06 36 N 81 01 16 W	FI W 6s			NW on pile worded OBSTRUCTION.	Private aid. 38/04
*15649	WEST LAKE OBSTRUCTION LIGHT	25 12 28 N 80 48 07 W	FI W 6s			NW on pile worded OBSTRUCTION.	Private aid. 38/04
*21752	SARASOTA BASIN OBSTRUCTION LIGHT A	27 20 19 N 82 32 57 W	FI W 2.5s			NW on dolphin worded OBSTRUCTION A.	Private aid. 38/04
*21754	Sarasota Basin Obstruction Daybeacon B	27 20 23 N 82 32 57 W				NW on dolphin worded OBSTRUCTION B.	Private aid. 38/04
*49862	BISCAYNE BAY PLATFORM OBSTRUCTION LIGHT A	25 36 05 N 80 18 20 W	FI W 4s			NW on dolphin.	Private aid. 38/04
*49864	BISCAYNE BAY PLATFORM OBSTRUCTION LIGHT B	25 28 20 N 80 19 53 W	FI W 4s			NW on dolphin.	private aid. 38/04

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
*979	El Paso-WC-62-1 RACON	28 37 38 N 93 18 12 W		58		On El Paso Platform 1.	BAND: S, X. SIGN: EL PASO-WC-62-1 RACON "C" (---) Private aid. 38/04
4675	REDFISH BAYOU LIGHT 2						<i>Remove from list.</i> *
							38/04
*4676	- Daybeacon 1	30 24 13 N 87 05 39 W		6		SG on pile.	Private aid. 38/04

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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
*4678	- LIGHT 2	30 24 12 N 87 05 40 W	FI R 2.5s	6		TR on pile.	Private aid. 38/04
4680	Redfish Bayou Daybeacon 4						Remove from list. * 38/04
*4681	- Daybeacon 4			6		TR on pile.	Private aid. 38/04
*4683	- Daybeacon 6	30 24 00 N 87 05 30 W		6		TR on pile.	Private aid. 38/04
4685	Redfish Bayou Daybeacon 6						Remove from list. * 38/04
*4686	- Daybeacon 8			6		TR on pile.	Private aid. 38/04
*4688	- Daybeacon 9	30 23 56 N 87 05 18 W					 38/04
22887	- Lighted Buoy 27 280 feet outside channel limit.	29 22 42 N 94 48 33 W	FI G 2.5s		4	Green.	Ra ref. * 38/04
22888	- Lighted Buoy 28 265 feet outside channel limit.	29 22 46 N 94 48 22 W	FI R 2.5s		4	Red.	* 38/04
22895	- Lighted Buoy 30 235 feet outside channel limit.	29 23 17 N 94 48 37 W	FI (2) R 6s		4	Red.	Ra ref. * 38/04
22910	- Lighted Buoy 32	29 23 48 N 94 48 53 W	FI R 2.5s		4	Red.	Ra ref. * 38/04
22955	LOWER GALVESTON BAY INNER RANGE REAR LIGHT 1,564.3 yards, 336.2° from front light.		Iso W 6s (Day) Iso G 6s (Night)	116 119		On skeleton tower on piles.	Visible 2° each side of range line. * 38/04
23136.8	- LIGHT 8 50 feet outside channel limit.	29 32 25 N 94 55 05 W	FI R 4s	17	3	TR on pile.	Ra ref. * 38/04

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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
23330	- LIGHT 85 120 feet outside channel limit.		FI G 6s	17	4	SG on pile.	Ra ref.
				*			38/04
24760	- CUT OUTER RANGE REAR LIGHT 897 yards, 105.2° from front light.		Oc R 4s	65		KRW on skeleton tower on piles.	Visible 2° each side of rangeline.
	*						38/04
Aransas Channel							
27060	- LIGHT 2	27 51 04 N 97 03 50 W	FIR 4s	17	3	TR on pile.	Ra ref.
						*	* 38/04
27487	INGLESIDE MOORING LIGHT A	27 49 01 N 97 11 42 W	Q W	17	5	NR on skeleton tower.	
			*			*	38/04
27487.2	INGLESIDE MOORING LIGHT C	27 48 57 N 97 12 11 W	Q W	23	5	NR on skeleton tower on caisson.	
			*			*	38/04
CORPUS CHRISTI HARBOR (Chart 11311)							
Corpus Christi Channel							
27575	- CUT B WEST RANGE FRONT LIGHT	27 48 37 N 97 23 34 W	Oc G 4s	55		KRW on building located south side of harbor entrance.	Visible 5° each side of rangeline.
		*					38/04
27620	- CORPUS CHRISTI HARBOR OUTER RANGE FRONT LIGHT	27 48 28 N 97 22 03 W	Q G	25		KRW on skeleton tower on piles.	Visible 2° each side of rangeline.
		*					38/04
27630	- INDUSTRIAL CANAL RANGE FRONT LIGHT	27 49 14 N 97 25 58 W	Q G	47		KRW on skeleton tower on piles.	Visible 2° each side of rangeline.
		*					38/04
27655	- RANGE B FRONT LIGHT	27 49 13 N 97 28 57 W	Q G	55		KRW on skeleton tower on piles.	Visible all around; higher intensity on rangeline.
		*					38/04
27665	- RANGE C FRONT LIGHT	27 48 53 N 97 27 14 W	Q G	35		KRW on skeleton tower.	Lighted throughout 24 hours.
		*	*			*	38/04
27685	- RANGE E FRONT LIGHT	27 49 02 N 97 28 19 W	Q G	25		KRW on skeleton tower.	Lighted throughout 24 hours.
		*	*			*	38/04

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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
27715	- LIGHT 2	27 49 50 N 97 29 42 W	F I R 4s	17	3	TR on skeleton tower on piles.	
		*					38/04
27720	- RANGE H FRONT LIGHT	27 50 39 N 97 31 31 W	Q G	30		KRW on skeleton tower.	Lighted throughout 24 hours.
		*	*			*	38/04
CORPUS CHRISTI BAY (Chart 11309)							
La Quinta Channel							
27730	- LIGHT 1	27 48 59 N 97 13 13 W	F I G 4s	17	4	SG on pile.	
		*				*	38/04
27735	- LIGHT 2		F I R 4s	17	3	TR on pile.	Ra ref.
						*	* 38/04
27740	- LIGHT 3		F I G 2.5s	17	3	SG on pile.	
						*	38/04
27742	- ENTRANCE RANGE FRONT LIGHT	27 49 15 N 97 13 41 W	Q R	17		KRW on piles.	Ra ref.
		*					38/04
27745	- LIGHT 4		F I R 2.5s	17	3	TR on pile.	
						*	38/04
27750	- LIGHT 6		F I R 4s	17	3	TR on pile.	
						*	38/04
27755	- LIGHT 5		F I G 4s	17	4	SG on pile.	Ra ref.
						*	38/04
27760	- OUTER RANGE FRONT LIGHT	27 48 45 N 97 13 12 W	Q W	25		KRW on skeleton tower on piles.	Visible 2° each side of rangeline.
		*					38/04
27780	- LIGHT 7		F I G 2.5s	17	3	SG on pile.	Ra ref.
						*	* 38/04
27785	- LIGHT 8 150 feet outside channel limit.		F I R 2.5s	17	3	TR on pile.	
						*	38/04
27825	- LIGHT 12 100 feet outside channel limit.		F I R 4s	17	3	TR on pile.	
						*	38/04

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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
27835	- LIGHT 14 170 feet outside channel limit.		F I R 4s	17	3	TR on pile.	
						*	38/04
27850	- LIGHT 17		F I G 2.5s	17	3	SG on pile.	Ra ref.
						*	* 38/04
27870	- LIGHT 23		F I G 4s	17	4	SG on pile.	
						*	38/04
27940	CORPUS CHRISTI BREAKWATER LIGHT 1		F I G 2.5s	17	3	SG on pile.	
						*	38/04
27945	CORPUS CHRISTI BREAKWATER LIGHT 2		F I R 2.5s	17	3	TR on pile.	
						*	38/04

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
984.1	<i>NOAA Data Lighted Buoy 46066</i>	52 41 49 N 155 00 38 W	F I (4) Y 20s			Yellow boat-shaped hull.	
		*					38/04
7115	- LIGHT 38	37 59 01 N 121 23 24 W	F I R 4s	20	3	TR on pile.	
		*					38/04
8690	- ENTRANCE RANGE FRONT LIGHT	43 07 15 N 124 24 45 W	Q W	15		KRB on skeleton tower.	Visible 10° each side of rangeline.
							* 38/04
8695	- ENTRANCE RANGE REAR LIGHT 304 yards, 102° from front light.		Iso W 6s	44		KRB on skeleton tower.	Visible 10° each side of rangeline.
							* 38/04
9520	- CHANNEL LIGHT 14	43 59 22 N 124 07 16 W	F I R 4s		4	TR on pile.	
	*		*		*		38/04
13730	- LIGHT 8	46 36 25 N 117 52 32 W	F I R 4s	15	4	TR on skeleton tower.	
					*		38/04
13833	- Buoy 28A	46 40 46 N 117 33 04 W				Red nun.	
		*					38/04

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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
13895	- LIGHT 43	46 41 59 N 117 27 44 W	FI G 4s	15	4	SG on platform.	
						*	38/04
15535 725	- Approach Lighted Whistle Buoy GH	46 51 55 N 124 14 26 W	Mo (A) W		5	Red and white stripes.	RACON: G (-- •). No topmark will be shown on this aid as required by IALA standards due to weather.
			*		*		38/04
17670	- CHANNEL LIGHT 5	47 57 42 N 122 41 04 W	Q G	10	4	SG on steel tower.	
		*	*		*		38/04
17690	- CHANNEL LIGHT 7	47 57 21 N 122 41 10 W	FI G 4s	25	3	SG on skeleton tower.	
		*					38/04
17735	PORT GAMBLE RANGE FRONT LIGHT	47 52 47 N 122 34 41 W	Q G	26		KRB on skeleton tower.	Visible 1.5° each side of rangeline.
		*	*				* 38/04
17740	PORT GAMBLE RANGE REAR LIGHT 300 yards, 001° from front light.		Iso G 6s	40		KRB on skeleton tower.	Visible 1.5° each side of rangeline.
			*				* 38/04
*17743	PORT GAMBLE LIGHT 1	47 52 47 N 122 34 41 W	FI G 2.5s	26	4	SG on skeleton tower.	Obscured from 155° to 345°.
							38/04
17745	PORT GAMBLE LIGHT 3	47 51 44 N 122 34 37 W	FI G 4s	15	4	SG on dolphin.	
	*						38/04
17750	PORT GAMBLE INNER LIGHT 5	47 51 33 N 122 34 36 W	FI G 6s	18	5	SG on dolphin.	
	*				*		38/04
*17987	Liberty Bay Lighted Research Buoy	47 43 53 N 122 38 57 W	FI Y 6s			Yellow.	Private aid.
							38/04
27340	- Buoy 19	54 59 41 N 163 24 35 W				Green can.	
		*					38/04
27350	- Buoy 20	54 59 36 N 163 24 39 W				Red nun.	
		*					38/04

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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
4785	- SOUTH BASIN LIGHT 1		FI G 2.5s	22 7	SG on post.	*	Maintained from Apr. 1 to Nov. 15. Private aid.
							38/04

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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
5704 <i>H 2517.1</i>	-Dorval Range, front.	45° 25.1' N 73° 45.6' W	Iso.R.	39 12	11	White round tower, fluorescent red rectangular daymark, black stripe.	Operates at night only.
			*		*		38/04
5708 <i>H 2517.11</i>	--Rear, 1069 meters 043°52' from front.	45° 25.5' N 73° 45.0' W	Iso.R.	82 25	11	White round tower, fluorescent red daymark with black stripe.	Visible on range line only. Synchronized with front. Seasonal. Operates at night only.
			*		*		38/04
7088 <i>H 1664</i>	-Paspebiac Point.						<i>Remove from list.</i>
							*
							38/04
LUNENBURG BAY:							
10160 <i>H 3698</i>	-Cross Island.	44° 18.7' N 64° 10.1' W	Fl.W. period 10s	82 25	16	White tower; 29.	Emergency light.
							*
							38/04

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
1552 <i>F 7402</i>	Kogushi Ko Kawatana, breakwater.	34° 09.6' N 130° 54.6' E	Fl.(2)R. period 6s	39 12	5	Red tower; 31.	
		*	*	*	*	*	38/04
1556 <i>F 7401</i>	Kogusi, Ko, S. breakwater.	34° 10.6' N 130° 55.6' E	Fl.R. period 3s	40 12	5	Red tower; 32.	
		*	*		*	*	38/04
1576 <i>F 7395.4</i>	Yuya Ka Agawa, breakwater, head.	34° 20.7' N 130° 55.7' E	Fl.G. period 3s	33 10	3	White tower; 28.	
		*	*		*	*	38/04
9758 <i>F 4986</i>	Hisyakuda Ko, breakwater.	33° 54.1' N 130° 59.9' E	Fl.(2)R. period 8s	39 12	5	Red tower; 28.	
		*	*		*	*	38/04
9860 <i>F 5339</i>	Simonoseki, basin, breakwater.	33° 55.2' N 130° 54.0' E	Fl.(2)G. period 8s	33 10	3	White tower; 28.	
		*	*		*	*	38/04
12408 <i>F 5291</i>	Kanesaki Ko.	33° 52.9' N 130° 31.6' E	Fl.(2)G. period 6s	40 12	7	White tower; 31.	
		*	*		*	*	38/04
12412 <i>F 5290</i>	Ku Zaki, breakwater, head.	33° 51.3' N 130° 29.0' E	Fl.R. period 4s	36 11	7	Red tower; 28.	
		*	*		*	*	38/04

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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
12424 <i>F 5291.4</i>	Hatsu Saki, breakwater, head.	33° 53.2' N 130° 34.1' E	Fl.R. period 3s	46 14	5	Red tower; 31.	
		*	*		*	*	38/04
12432 <i>F 5291.6</i>	Kashiwabarū Ko, W. breakwater.	33° 54.6' N 130° 39.6' E	Fl.(2).R. period 6s	39 12	3	Red tower; 31.	
		*	*		*	*	38/04
12438 <i>F 5293</i>	Yawata Saki.	33° 56.0' N 130° 43.8' E	Fl.R. period 4s	43 13	5	Red tower; 26.	
		*	*	*	*		38/04
*21438	<i>Wreck buoy.</i>	1° 13.5' N 103° 57.7' E	Q.W.			N. CARDINAL BY, pillar, topmark.	Buoy marks dangerous wreck.
	RACON		O(---)				38/04

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
8913 <i>A 1157</i>	Quai de Maree.	50° 58.1' N 1° 50.9' E	L.FI.(4)W. period 30s			Gray post; 26.	Horn: 4 bl. ev. 30s (bl. 3s, si. 3s, bl. 3s, si. 3s, bl. 3s, si. 3s, bl. 3s, si. 9s).
			*	*			38/04

SUMMARY OF 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
6716 <i>L 1046</i>	Kvitnes, Nordsund, S. side.	63° 07.9' N 7° 48.4' E	Oc.W.R.G. period 6s	56 17	W. 12 R. 9 G. 9	Framework tower.	R. 050°-060°, W.-064°, G.-131°, R.-157°30', W.-178°, G.-202°, W.-212°, R.-228°.
							* 38/04

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
7712 <i>C 7431</i>	Sandhamn Range, front.	56° 05.5' N 15° 51.5' E	F.R.	18 5	8	White post, red triangular daymark.	Fishing light.
		*				*	38/04
7716 <i>C 7431.1</i>	-Rear, 500 meters 344°30' from front.	56° 05.8' N 15° 51.4' E	F.R.	41 12	8	White post, red triangular daymark.	Fishing light.
	*	*				*	* 38/04
10340 <i>C 6172</i>	Eggegrund.	60° 43.7' N 17° 33.5' E	Fl.(4)W.R. period 12s	95 29	14	Concrete tower, upper part black, lower part white; 85.	R. 150°-204°, W.-150°.
					*		* 38/04

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 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
11060 <i>C 5919</i>	Snoan Island.						<i>Remove from list.</i>
							* 38/04
11064 <i>C 5918</i>	Yttre Mehallan Islet.						<i>Remove from list.</i>
							* 38/04
12224 <i>C 3489</i>	Roja.	57° 30.5' N 22° 48.5' E	F.W.R.G.	64 20	W. 7 R. 4 G. 4	Red triangular tower; 61.	G. 210°24'-213°30', W.- 216°30', R.-219°24'.
		*		*		*	* 38/04

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
PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 38/04

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

NGA Reference No.	Ed.	Notice to Mariners No.
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		
NOSPBTTWCWPACIN4	2004	N1/04*
NOSPBTTWCSTNSA4	2004	N1/04*
NOSPBTTTEURAFR4	2004	N1/04*
NOSPBTTWCSTNSA4	2004	N1/04*
TIDAL CURRENT TABLES		
NOSPBTCATCSTN4	2004	N1/04*
NOSPBCTPACAS4	2004	N1/04*

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 011100Z September 2004:

2003 series	128(26)	243(GEN)	275(51)	291(11)
108(26,27)	198(11)	265(GEN)	283(GEN)	
2004 series	226(14)	271(GEN)	284(11,26)	

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 and 26/04.

NAVAREA IV WARNINGS issued from 261200Z August to 011100Z September 2004.

284/04(11,26). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS:

A. 0400Z TO 0359Z COMMENCING DAILY
30 AUG THRU 05 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
30 AUG THRU 05 SEP IN AREA BETWEEN
29-20N 29-10N AND 079-50W 079-40W.

C. 1300Z TO 0359Z COMMENCING DAILY 31 AUG
AND 02 SEP AND 0400Z TO 0700Z DAILY
01 AND 03 SEP IN AREA BETWEEN
30-00N 29-50N AND 81-00W 80-50W.

2. CANCEL THIS MSG 050459Z SEP.

(271617Z AUG 2004)

285/04 thru 290/04. CANCELED.

291/04(11). FLORIDA-WEST COAST.

CHART 11416 (6TH ED).
TAMPA DGPS STATION 27-51.0N 082-31.9W OFF AIR.

(010426Z SEP 2004)

SECTION III

NM 38/04

HYDROLANTS

Messages in force 011100Z September 2004:

2002 series	2413(54)	850(24)	1235(37,51)	1308(53,56)	1414(24)
245(GEN)	2414(54)	1018(43)	1241(35)	1337(51)	1416(24)
246(GEN)	2416(54)	1019(24)	1251(37)	1345(53)	1419(37)
2003 series	2418(52)	1033(37)	1252(36,38)	1366(37)	1420(37)
604(26,27)	2419(54)	1042(53)	1256(37)	1371(52,53)	1421(23)
1422(53)	2420(54)	1051(53)	1269(52)	1382(43)	1422(52)
1472(35)	2004 series	1084(53,56)	1271(53)	1385(37)	1423(53)
2203(53)	224(24)	1104(37,43)	1274(24)	1389(53)	1425(24)
2297(24)	272(24)	1130(53)	1279(36)	1400(51)	1426(53)
2406(54)	631(37)	1136(37,43)	1280(57)	1402(52)	1427(56)
2407(54)	649(55)	1162(36)	1286(36)	1404(52)	1428(56)
2408(54)	650(55)	1199(36)	1290(37)	1406(GEN)	1429(57)
2409(54)	668(56)	1214(36)	1298(53)	1407(55)	1430(51)
2410(54)	805(24)	1219(35)	1303(GEN)	1410(55)	

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 and 26/04.

HYDROLANT WARNINGS issued from 261200Z August to 011100Z September 2004.

1410/04(55). BLACK SEA. MISSILES.

- HAZARDOUS OPERATIONS 31 AUG THRU 02 SEP
IN AREA BOUND BY 44-23.0N 028-43.0E,
44-33.0N 030-23.2E, 43-46.0N 030-11.0E,
43-15.0N 029-22.5E, 44-19.8N 028-38.9E.
- CANCEL THIS MSG 03 SEP.

(261248Z AUG 2004)

1411/04 thru 1413/04. CANCELED.

1414/04(24). BRAZIL-SOUTH COAST.

- SEISMIC SURVEY IN PROGRESS UNTIL 020259Z SEP
BY VESSEL CGG SYMPHONY TOWING EIGHT 6000 METER
LONG CABLES IN AREA BETWEEN 23-50S 24-55S AND
041-10W 040-25W. FOUR MILE BERTH REQUESTED.
- CANCEL THIS MSG 020359Z SEP.

(270640Z AUG 2004)

1415/04. CANCELED.

1416/04(24). BRAZIL-NORTH COAST.

CHART 24292 (4TH ED).
PTA DE TIJOCA LIGHT 00-33.4S 047-53.3W UNLIT.

(281001Z AUG 2004)

1417/04 and 1418/04. CANCELED.

1419/04(37). ENGLAND-SOUTH COAST.

CHART 37120 (2ND ED).
FOLKESTONE BREAKWATER LIGHT 51-05N 001-12E UNLIT.

(292332Z AUG 2004)

1420/04(37). DOVER STRAIT.

CHART 37125 (15TH ED).
RUYTINGEN WEST BUOY 51-07N 001-50E UNLIT.

(292333Z AUG 2004)

1421/04(23). URUGUAY. NAVTEX.

NAVTEX STATION LA PALOMA OFF AIR.

(301510Z AUG 2004)

1422/04(52). TUNISIA.

CHART 52170 (3RD ED).
HAMMAMET LIGHT 36-23.7N 010-36.9E UNLIT.

(301613Z AUG 2004)

- 1423/04(53). EASTERN MEDITERRANEAN SEA.
 1. DERELICT TEN METER VESSEL, ADRIFT
 VICINITY 34-53N 014-23E AT 301700Z AUG.
 2. CANCEL THIS MSG 06 SEP. (301724Z AUG 2004)
- 1424/04. CANCELED.
- 1425/04(24). SOUTH ATLANTIC.
 MAN OVERBOARD IN 24-23S 047-00W at 301930Z AUG.
 VESSELS IN VICINITY REQUESTED TO KEEP A SHARP
 LOOKOUT, ASSIST IF POSSIBLE. (310839Z AUG 2004)
- 1426/04(53). EASTERN MEDITERRANEAN SEA.
 1. DERELICT VESSEL ADRIFT
 IN 35-05.5N 012-37.5E.
 2. CANCEL THIS MSG 07 SEP. (311047Z AUG 2004)
- 1427/04(56). EASTERN MEDITERRANEAN SEA. GUNNERY.
 1. GUNNERY EXERCISES 0100Z TO 1700Z DAILY
 06 AND 07 SEP IN AREA BETWEEN
 32-49N 32-20N AND 034-40E 034-08E.
 2. CANCEL THIS MSG 071800Z SEP. (311057Z AUG 2004)
- 1428/04(56). EASTERN MEDITERRANEAN SEA. GUNNERY.
 1. GUNNERY EXERCISES 0500Z TO 0900Z DAILY
 01 AND 02 SEP IN AREA BOUND BY
 32-42.3N 034-51.1E, 32-45.3N 034-41.3E,
 32-36.9N 034-36.8E, 32-34.5N 034-38.4E,
 32-33.6N 034-49.3E.
 2. CANCEL THIS MSG 021000Z SEP. (311114Z AUG 2004)
- 1429/04(57). SOUTH ATLANTIC.
 1. SURVEY OPERATIONS IN PROGRESS UNTIL 27 SEP BY
 M/V POLAR BJORN IN AREA BOUND BY
 07-44.24S 011-19.14E, 07-44.12S 011-53.25E,
 08-16.56S 011-53.39E, 08-17.10S 011-19.25E.
 500 METER BERTH REQUESTED.
 2. CANCEL THIS MSG 28 SEP. (312004Z AUG 2004)
- 1430/04(51). NORTH ATLANTIC.
 SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY
 M/V DISCOVERER TOWING 6000 METER LONG CABLE IN AREA
 BOUND BY 29-11N 010-21W, 29-12N 011-48W, 28-19N 013-12W,
 27-58N 012-48W. 3.5 MILE BERTH REQUESTED. (010228Z SEP 2004)

SECTION III

NM 38/04

NAVAREA XII

Messages in force 011100Z September 2004:

2004 series	226(GEN)	233(18)	235(22)
186(17)	231(GEN)	234(19)	

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 and 26/04.

NAVAREA XII WARNINGS issued from 261200Z August to 011100Z September 2004.

232/04. CANCELED.

233/04(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 THE 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 230/04.

(291337Z AUG 2004)

234/04(19). NORTH PACIFIC. HAWAII. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2400Z DAILY MONDAY THRU SUNDAY IN THE PACIFIC MISSILE RANGE FACILITY, HAWAIIAN AREA, BARKING SANDS, KAUAI. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1600Z TO 0400Z DAILY MONDAY THRU FRIDAY. THE PACIFIC MISSILE RANGE FACILITY HAWAIIAN AREA (W188) IS BOUND BY:

A. 22-00.0N 159-51.0W.
B. 22-00.0N 160-00.0W THENCE CCW THREE MILES FROM
C. 22-02.7N 160-09.1W. NIIHAU/LEHUA.
D. 22-03.0N 160-21.0W.
E. 22-05.0N 161-35.0W THENCE CW 100 MILES FROM
F. 22-02.4N 159-47.3W. BARKING SANDS TACAN.
G. 22-45.0N 161-25.0W.
H. 22-56.0N 161-49.0W THENCE CW 125 MILES FROM
I. 22-02.4N 159-47.3W. BARKING SANDS TACAN.
J. 23-57.0N 160-41.0W.
K. 25-41.0N 161-36.0W THENCE CW 240 MILES FROM
L. 22-02.4N 159-47.3W. BARKING SANDS TACAN.
M. 25-47.0N 158-15.0W.
N. 23-54.0N 158-15.0W.
O. 22-20.0N 159-09.0W THENCE CCW 25 MILES FROM
P. 21-58.1N 159-20.5W. LIHUE VORTAC.
Q. 22-13.0N 159-42.0W THENCE CCW THREE MILES AND PARALLEL TO THE SHORELINE OF KAUAI.
R. 22-00.0N 159-51.0W.
2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT "MISSILE RANGE BARKING SANDS" ON 2182 KHZ, 4491 USB OR 156.8 MHZ (CHANNEL 16) BEFORE ENTERING THE ABOVE BOUNDARIES. IF UNABLE TO CONTACT THE PACIFIC MISSILE RANGE FACILITY PRIOR TO ENTERING OR WHILE IN THE WARNING AREA, RELAY

MESSAGES THROUGH U.S. COAST GUARD HONOLULU.

3. VESSELS INBOUND AND OUTBOUND FOR HAWAIIAN PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS AS WELL AS ENHANCE THE VESSEL'S SAFETY BY PASSING SOUTH OF THE ISLANDS OF KAUAI AND NIIHAU DURING SPECIFIED TIMES.
4. CANCEL NAVAREA XII 218/04.

(291346Z AUG 2004)

235/04(22). NORTH PACIFIC.

1. DERELICT 40 FOOT M/V, PARTIALLY SUBMERGED AND ADRIFT VICINITY 00-37.1N 085-49.0W.
2. CANCEL THIS MSG 06 SEP.

(301651Z AUG 2004)

236/04. CANCELED.

**SECTION III
HYDROPACS**

NM 38/04

Messages in force 011100Z September 2004:

2001 series	763(62)	1050(74)	1227(71,93)	1333(93)	1391(71)
1976(62)	778(75)	1052(74)	1238(81,92)	1334(74)	1392(73,74)
2002 series	779(97)	1066(62)	1239(81,92)	1340(96)	1399(71)
205(GEN)	795(62)	1076(74)	1254(62)	1341(73)	1400(74)
206(GEN)	801(61)	1081(74)	1263(63)	1343(62)	1401(61)
2003 series	817(74)	1084(62)	1266(96)	1346(81)	1402(81)
207(62)	840(63)	1092(63)	1268(93)	1349(63)	1404(81)
506(62)	842(61)	1112(74)	1271(63)	1352(76)	1405(63)
993(62)	843(61)	1115(63)	1272(GEN)	1355(63)	1406(63)
998(71)	890(71)	1122(63)	1273(63)	1357(63)	1407(83)
1041(71)	891(71)	1123(63)	1278(63)	1363(96)	1409(63)
1330(62)	904(63)	1124(74)	1281(93)	1365(75)	1410(95)
1395(62)	910(22)	1138(75)	1286(22)	1369(63)	1411(95)
1699(63)	932(22)	1151(63)	1289(62)	1374(62)	1412(95)
1911(62)	940(62)	1152(63)	1293(62)	1377(GEN)	1413(95)
1982(GEN)	948(96)	1153(63,71)	1295(71)	1379(74)	1414(95)
2265(62)	967(74)	1155(63)	1305(63)	1380(81)	1415(95)
2004 series	981(74)	1156(63)	1311(63)	1381(92)	1416(95)
23(62)	988(63)	1157(75)	1313(83)	1383(74,82)	1417(95)
278(63)	996(94,95)	1167(22)	1322(19)	1384(62)	1418(91)
329(71)	1000(63)	1177(GEN)	1324(73)	1385(97)	1420(63)
455(73)	1011(62)	1180(22)	1326(63)	1387(63)	1421(73,74)
694(62)	1025(74)	1182(71)	1328(22)	1388(63)	
727(22)	1033(62)	1193(71)	1330(62)	1389(63)	
754(62)	1049(61)	1215(63)	1331(29)	1390(63)	

The summary of all HYDROPACS 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 and 26/04.

HYDROPAC WARNINGS issued from 261200Z August to 011100Z September 2004.

1383/04(74,82). SOUTH PACIFIC.

1. SURVEY OPERATIONS IN PROGRESS UNTIL 06 OCT
BY M/V L'ATLANTE TOWING 2.5 MILE LONG CABLE
IN AREA BETWEEN 21-00S 26-00S AND 158-30E 171-30E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 07 OCT.

(261909Z AUG 2004)

1384/04(62). PERSIAN GULF. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0500Z TO 1900Z DAILY 30 AUG
THRU 02 SEP AND 06 THRU 09 SEP IN AREA BOUND BY
27-50N 049-36E, 27-26N 049-51E,
27-27N 050-27E, 27-37N 050-22E,
27-51N 049-52E.
2. CANCEL THIS MSG 092000Z SEP.

(270952Z AUG 2004)

1385/04(97). NORTH PACIFIC. GUNNERY.

1. GUNNERY EXERCISES 2300Z TO 0900Z COMMENCING
DAILY 31 AUG THRU 29 SEP IN AREA BOUND BY
27-55-15N 144-57-48E, 28-15-15N 146-29-47E,
25-25-16N 147-37-47E, 25-00-16N 145-35-47E.
2. CANCEL THIS MSG 301000Z SEP.

(271640Z AUG 2004)

1386/04. CANCELED.

1387/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0230Z TO 1130Z
DAILY 01 THRU 07 SEP IN AREA BETWEEN
14-11.0N 13-51.0N AND 074-27.8E 074-04.5E.
2. CANCEL THIS MSG 071230Z SEP.

(271729Z AUG 2004)

1388/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 310330Z TO 311530Z
AUG 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 011630Z SEP.

(271807Z AUG 2004)

- 1389/04(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 0030Z TO 1230Z DAILY
31 AUG THRU 04 SEP IN AREA BOUND BY 19-14.6N 084-53.6E,
19-11.6N 084-51.4E, 19-04.6N 085-00.9E,
19-05.2N 084-50.7E, 19-12.4N 084-48.3E.
2. CANCEL THIS MSG 041330Z SEP. (271828Z AUG 2004)
- 1390/04(63). INDIA-WEST COAST.
CHART 63091 (4TH ED).
RACON (G) ESTABLISHED AT GOPNATH POINT LIGHT
21-12.0N 072-07.0E. (271927Z AUG 2004)
- 1391/04(71). MALACCA STRAIT. GUNNERY.
1. GUNNERY EXERCISES 0001Z TO 1601Z DAILY 01 THRU 04,
06 THRU 11, 13 THRU 18, 20 THRU 25, 27 THRU 30 SEP
IN AREA BOUND BY 04-14N 100-17E, 04-33N 099-48E,
04-53N 100-06E.
2. CANCEL THIS MSG 301701Z SEP. (272024Z AUG 2004)
- 1392/04(73,74). AUSTRALIA-NORTH COAST.
SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY
M/V PACIFIC SWORD TOWING 4.5 MILE LONG CABLE
IN AREA BETWEEN 10-00S 11-00S AND 129-05E 130-20E.
FIVE MILE BERTH REQUESTED. (280016Z AUG 2004)
- 1393/04 thru 1398/04. CANCELED.
- 1399/04(71). SOUTH CHINA SEA.
CHART 71230 (11TH ED).
DANGEROUS WRECK IN 00-28.7N 106-53.7E. (282355Z AUG 2004)
- 1400/04(74). TORRES STRAIT.
CHART 74290 (11TH ED).
HAMMOND ROCK LIGHT 10-31.0S 142-12.8E UNLIT. (290942Z AUG 2004)
- 1401/04(61). MASCARENE ISLANDS. GUNNERY.
1. GUNNERY EXERCISES 010600Z TO 011400Z SEP
IN AREA BOUND BY 21-12.0S 054-57.0E,
21-26.0S 55-02.5E, 21-31.2S 054-47.4E,
21-17.2S 054-42.0E.
2. CANCEL THIS MSG 011500Z SEP. (300721Z AUG 2004)
- 1402/04(81). NORTH PACIFIC. MISSILES.
1. HAZARDOUS OPERATIONS 030630Z TO 031230Z SEP,
ALTERNATE 0630Z TO 1230Z DAILY 04 AND 05 SEP
IN AREAS BOUND BY:
A. 09-24N 167-28E, 13-12N 166-48E, 12-54N 169-54E,
09-24N 167-42 E.
B. 09-24N 167-28E, 10-51N 164-42E, 09-09N 164-06E
2. CANCEL HYDROPAC 1394/04.
3. CANCEL THIS MSG 051330Z SEP. (300841Z AUG 2004)
- 1403/04. CANCELED.
- 1404/04(81). NORTH PACIFIC. HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 020001Z TO 030900Z SEP
WITHIN TEN MILES OF 16-01N 146-04E.
2. CANCEL THIS MSG 031000Z SEP. (301024Z AUG 2004)
- 1405/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 021030Z TO
021230Z SEP IN AREA BOUND BY
22-22N 068-50E, 22-37N 068-53E,
22-42N 069-08E, 22-29N 069-04E.
2. CANCEL THIS MSG 021330Z SEP. (301516Z AUG 2004)

SECTION III**NM 38/04**

- 1406/04(63). INDIA-WEST COAST. ROCKETS.
1. HAZARDOUS OPERATIONS 1330Z TO 1700Z
DAILY 01 AND 02 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 HYDROPAC 1386/04(63,71,93).
3. CANCEL THIS MSG 021800Z SEP.
(301522Z AUG 2004)
- 1407/04(83). SOUTH PACIFIC. GUNNERY.
1. GUNNERY EXERCISES 1800Z TO 2200Z DAILY
31 AUG AND 03 SEP IN AREA BOUND BY
17-13S 149-56W, 16-40S 150-05W,
16-33S 149-35W, 17-10S 149-35W.
2. CANCEL HYDROPAC 1396/04(71).
3. CANCEL HYDROPAC 1398/04(GEN).
4. CANCEL THIS MSG 032300Z SEP.
(302218Z AUG 2004)
- 1408/04. CANCELED.
- 1409/04(63). ARABIAN SEA.
CHART 63060 (7TH ED).
DANGEROUS WRECK IN 23-20N 068-18E.
(310954Z AUG 2004)
- 1410/04(95). YELLOW SEA. GUNNERY.
1. GUNNERY EXERCISES 0001 TO 1300Z DAILY 01 THRU 04,
06 THRU 11, 13 THRU 18, 20 THRU 25, AND 30 SEP
IN AREA BETWEEN 34-50N 35-15N AND 124-50E 125-42E.
2. CANCEL THIS MSG 301400Z SEP.
(311243Z AUG 2004)
- 1411/04(95). YELLOW SEA. GUNNERY.
1. GUNNERY EXERCISES 0001 TO 1300Z DAILY
01 THRU 04, 06 THRU 11, 13 THRU 18,
20 THRU 25, AND 30 SEP IN AREA BOUND BY
36-35.0N 125-36.0E, 36-35.0N 124-50.0E,
37-06.0N 124-50.0E, 37-10.2N 125-36.0E.
2. CANCEL THIS MSG 301400Z SEP.
(311247Z AUG 2004)
- 1412/04(95). YELLOW SEA. GUNNERY.
1. GUNNERY EXERCISES 0001Z TO 1300Z DAILY
01 THRU 04, 06 THRU 11, 13 THRU 18,
20 THRU 25, AND 30 SEP IN AREA BETWEEN
36-05N 36-35N AND 124-50E 125-42E.
2. CANCEL THIS MSG 301400Z SEP.
(311251Z AUG 2004)
- 1413/04(95). YELLOW SEA. GUNNERY.
1. GUNNERY EXERCISES 0030Z TO 0900Z DAILY
01, 03, 08 AND 21 SEP, ALTERNATE
0030Z TO 0900Z DAILY 02, 06, 07, 09, 10,
22 THRU 24 SEP AND 040030Z TO 040300Z SEP
IN AREA BOUND BY
36-40-38N 126-10-24E, 36-38-10N 125-59-53E,
35-01-19N 125-42-50E, 34-58-24N 126-03-08E,
36-34-10N 126-17-53E.
2. CANCEL THIS MSG 241000Z SEP.
(311311Z AUG 2004)
- 1414/04(95). SEA OF JAPAN. GUNNERY.
1. GUNNERY EXERCISES 0001Z TO 1300Z DAILY
01 THRU 04, 06 THRU 11, 13 THRU 18,
20 THRU 25, AND 30 SEP IN AREA BOUND BY
38-25N 128-45E, 38-25N 129-30E,
38-10N 129-30E, 38-10N 129-00E,
38-17N 129-00E, 38-17N 128-45E.
2. CANCEL THIS MSG 301400Z SEP.
(311315Z AUG 2004)
- 1415/04(95). SEA OF JAPAN. GUNNERY.
1. GUNNERY EXERCISES 0001Z TO 1300Z DAILY
01 THRU 04, 06 THRU 11, 13 THRU 18, 20 THRU 25,
AND 30 SEP IN AREA BOUND BY
38-08N 129-51E, 38-08N 130-10E,
37-39N 130-10E, 37-42N 129-51E.
2. CANCEL THIS MSG 301400Z SEP.
(311319Z AUG 2004)

NM 38/04**SECTION III**

1416/04(95). YELLOW SEA. GUNNERY.

1. GUNNERY EXERCISES 0001Z TO 1300Z DAILY
01 THRU 04, 06 THRU 11, 13 THRU 18,
20 THRU 25, AND 30 SEP IN AREA BETWEEN
35-35N 36-00N AND 125-00E 125-30E.
2. CANCEL THIS MSG 301400Z SEP.

(311323Z AUG 2004)

1417/04(95). YELLOW SEA. GUNNERY.

1. GUNNERY EXERCISES 0001Z THRU 1300Z DAILY 01 THRU 04,
06 THRU 11, 13 THRU 18, 20 THRU 25, AND 30 SEP
IN AREA BOUND BY
37-41-00N 125-39-30E, 37-37-20N 125-39-00E,
37-30-45N 125-24-00E, 37-26-00N 125-24-00E,
37-26-00N 125-04-00E, 37-32-15N 124-48-00E,
37-38-40N 124-45-00E, 37-42-00N 124-45-00E,
37-42-00N 124-56-00E, 37-37-30N 125-01-30E,
37-34-00N 125-14-45E, 37-40-00N 125-32-00E.
2. CANCEL THIS MSG 301400Z SEP.

(311327Z AUG 2004)

1418/04(91). SOUTH CHINA SEA. GUNNERY.

1. GUNNERY EXERCISES 020500Z TO 020900Z SEP
IN AREA BETWEEN 14-15N 14-20N AND 120-25E 120-30E.
2. CANCEL THIS MSG 021000Z SEP.

(311331Z AUG 2004)

1419/04. CANCELED.

1420/04(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 020230Z TO 020530Z
AND 021230Z TO 021430Z SEP IN AREA BOUND BY
17-42.2N 083-18.6E, 17-42.1N 083-29.9E,
17-36.7N 083-28.5E, 17-32.7N 083-24.3E.
2. CANCEL THIS MSG 021530Z SEP.

(311505Z AUG 2004)

1421/04(73,74). TIMOR SEA.

SIX METER VESSEL, WHITE, ONE PERSON ON BOARD, OVERDUE
DUNDEE BEACH (12-44S 130-23E) TO INDONESIA. VESSELS
IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO RCC AUSTRALIA,
TELEX: 7162025, PHONE: 612 6230 6811.

(010021Z SEP 2004)

1422/04. CANCELED.

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 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 1 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 1 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 edition released by NOAA is listed below:

12364	35 th Ed. Aug 2004 NEW EDITION CT-NY-NEW HAVEN HARBOR ENTRANCE AND PORT JEFFERSON TO THROGS NECK (New edition due to numerous Notice to Mariner changes, new NOS hydro and various other changes.)	NAD 83	(NOS Silver Spring, MD) VARIOUS
18665	11 th Ed. Aug 2004 NEW EDITION CA-NV-LAKE TAHOE (New edition due to numerous Notice to Mariner corrections and reformat.)	NAD 83	(NOS Silver Spring, MD) 1:40,000

NEW EDITION OF LIST OF LIGHTS

Pub. 115, 2004 Edition, List of Lights, Radio Aids and Fog Signals for Norway, Iceland and Arctic Ocean, is ready for issue.

This edition contains information available to the National Geospatial-Intelligence Agency (NGA) up to 31 July 2004, including Notice to Mariners No. 31 of 2004.

Corrections subsequent to the above effective date, up to and including Notice to Mariners No. 38 of 2004, are contained in Section II of this Notice.

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

Note: Copies of the above publication may be obtained from the Government Printing Office (GPO).

NEW EDITION OF SAILING DIRECTIONS

Pub. 147, Sailing Directions (Enroute) Caribbean Sea, Volume 1, Eighth Edition, 2004, is ready for issue. This publication has been corrected to 5 June 2004, including Notice to Mariners No. 23 of 2004.

This edition is produced by NGA in digital format only, available on CD-ROM and/or electronic access through the World Wide Web.

Digital Nautical publications will be updated using a binary executable called "Publication Data Update (PDU)". PDU's are cumulative or sequential, ensuring customers will not miss any changes, and may be accessed on the Maritime Safety Information Division website (<http://pollux.nss.nga.mil>).

NEW EDITION OF COAST PILOT

U.S. Coast Pilot 9, Alaska: Cape Spencer to Beaufort Sea, Twenty-Second Edition, 2004, is ready for issue and may be obtained from:

Federal Aviation Administration
National Aeronautical Charting Office
Distribution Division, AVN-530
6303 Ivy Lane, Suite 400
Greenbelt, MD 20770-1479

and authorized sales agents of the National Ocean Service. Price \$26.00.

The 2004 Edition cancels the preceding 2003 Edition.

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

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

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.

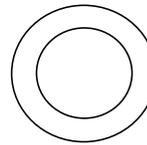
Reports which present an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. In general, these hazards would include major aids to navigation anomalies, discovery of obstructions or shoals with depths of less than 30 meters, floating dangers to shipping, 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).



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



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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 _____

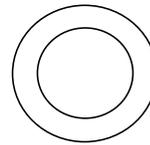
Sounding sensor or method used _____

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

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



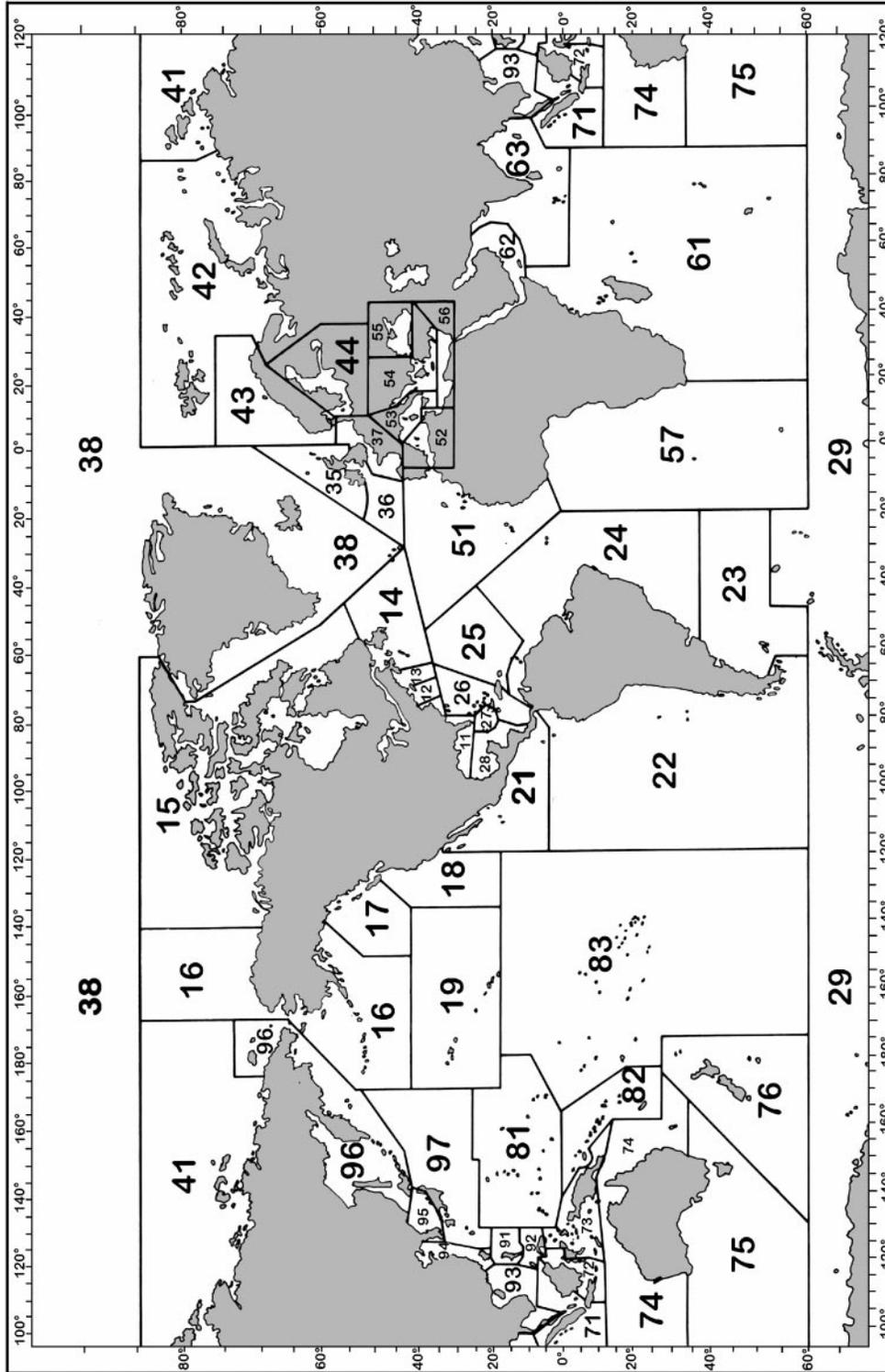
**MARITIME SAFETY INFORMATION DIVISION
ST D44
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY
4600 SANGAMORE ROAD
BETHESDA MD 20816-5003**



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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

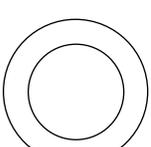
DEFENSE SUPPLY CENTER RICHMOND

ATTN: JNAH

8000 JEFFERSON DAVIS HIGHWAY
RICHMOND, VIRGINIA 23297-5338

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE \$300



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TIME—DATED



**NOTICE TO
MARINERS**

PLEASE EXPEDITE DELIVERY