



No. 9
1 MARCH 2003



UNITED STATES OF AMERICA

NOTICE TO MARINERS



Published Weekly by the
National Imagery and Mapping Agency

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

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



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IMPORTANT INFORMATION

The Notice to Mariners is published by the National Imagery and Mapping Agency (NIMA), 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 NIMA in matters affecting the status and boundaries of States and territories. The Notice to Mariners presents corrective information affecting charts, NIMA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NIMA List of Lights, Radio Navigational Aids and other products produced by the National Imagery and Mapping Agency, National Ocean Service and U.S. Coast Guard.

Information for the Notice to Mariners is contributed by the following Agencies: National Imagery and Mapping Agency (NIMA) (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 Transportation), 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 NIMA 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	301-227-5006	287-5006	301-227-5745
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 via the NIMA Homepage (www.nima.mil) under the Safety of Navigation link or directly at (<http://pollux.nss.nima.mil>). For your convenience NIMA provides three e-mail addresses. For information affecting Notice to Mariners use NavNotices@nima.mil, for information affecting Sailing Directions and all other navigational publications use SDPUBS@nima.mil, for information concerning the Maritime Safety Information Website, use webmaster_nss@nima.mil.

Mariners are requested to notify NIMA 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: Serving our nation proudly since her commissioning on June 3rd, 1978 the **USS BRISCOE (DD-977)** is the fifteenth destroyer in a series of thirty-one *SPRUANCE* class destroyers. Built by the Ingalls Shipbuilding Division of Litton Industries in Pascagoula, MS, she bears the name of Admiral Robert P. Briscoe, USN, who served with distinction during WWI, WWII and the Korean Conflict. The *SPRUANCE* class destroyers were developed for the primary mission of anti-submarine warfare, including operations as an integral part of attack carrier forces. Utilizing highly developed weapons systems, the **BRISCOE** can hunt down and destroy high speed submarines in all weather, but can also engage ships, aircraft and shore targets. As a multi-purpose combatant, the **BRISCOE** is capable of providing naval gunfire support in conjunction with Marine amphibious operations worldwide. At 564 feet in length and a beam of 55 feet, she is twice as large as a WWII destroyer and as large as a WWII cruiser. The **BRISCOE**'s formidable armament includes two 5-inch/54 caliber lightweight guns, one MK-41 VLS for Tomahawk cruise missiles, MK-46 torpedoes, Harpoon missile launchers, one Sea Sparrow launcher, one Rolling Airframe Missile System and two 20mm Phalanx CIWS. The **BRISCOE**'s 80,000 SHP and twin controllable-pitch screws can propel her to 30+ knots. A high degree of automation permits a reduced crew of 352 Sailors and 30 Officers. The homeport of the **USS BRISCOE** is Norfolk, Virginia.

INFORMATION
OF
SPECIAL INTEREST
OR
IMPORTANCE
TO
MARINERS

NM 9/03

HYDROGRAM

**National Imagery and Mapping Agency
Bethesda, MD 20816-5003**

SPECIAL
ANNOUNCEMENTS

NEW PRODUCTS
OR SERVICES

IMPORTANT
CHANGES

1 March 2003

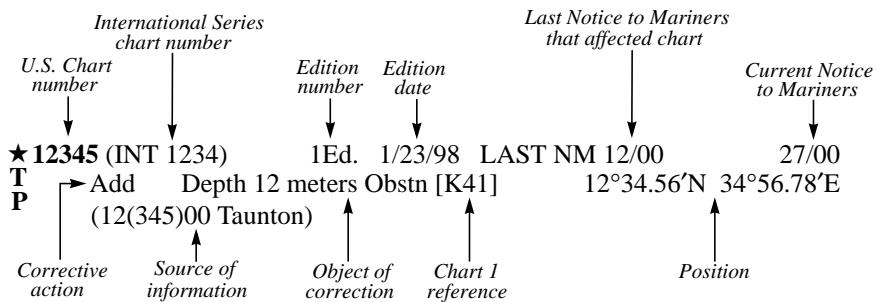
NEW EDITION OF SAILING DIRECTIONS

PUB. 131, SAILING DIRECTIONS (ENROUTE) WESTERN MEDITERRANEAN, TENTH EDITION, 2002, IS READY FOR ISSUE. THIS EDITION IS PRODUCED BY NIMA IN DIGITAL FORMAT ONLY. SEE SECTIONS II AND III.

EXPLANATION OF CONTENTS

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

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



A chart correction preceded by:

- ★ indicates that it is based upon original U.S. source information.
 - T indicates that it is temporary in nature.
 - P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.
- The letter M immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter M is not a part of the chart number.
- The letter N preceding the current Notice to Mariners number indicates that the affected chart is on Limited Distribution and is normally only for use by U.S. Navy, government-owned or -chartered vessels.
- Courses and bearings are given in degrees true.
- Light sectors are expressed in degrees true from the vessel TOWARD the light.
- The visible range(s) listed for lights is normally the nominal range (the distance at which it can be seen in clear weather), expressed in nautical miles, except in the Great Lakes where it is expressed in statute miles.
- The colors of structures and lights of navigational aids are abbreviated in accordance with Chart 1.
- Section I-2*** contains all chartlets, depth tabulations and notes associated with the chart corrections in Section I-1. Chartlets and depth tabulations supersede all previous information portrayed.
- Section I-3** lists all NIMA 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 NIMA 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 NIMA List of Lights.

Section II-5 lists all NIMA, 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 9/03

★501 (INT 801) 12Ed. 11/02 NEW EDITION Change Legend to "Subm buoys (cov 698m rep)" (PA) (Previously published 6/03)	9/03 32°06'N 126°54'W	Range light, rear to Oc G 4s 67ft, Fl G 4s 12ft 4M (PA) (2/03 CG8)	29°07.4'N 90°13.0'W
Add Dashed-line circle with legend "Obstn (cov 486m)" (Previously published 6/03) (NOS)	33°02'N 121°00'W		
1114A Ed. 11/17/01 LAST NM 4/03 Change Range light, rear to Fl G 4s 4M (2/03 CG8)	9/03 30°04.5'N 84°10.8'W		
1116A Ed. 11/02 LAST NM 8/03 Delete Buoy	9/03 28°31.8'N 91°07.5'W		
Change Visibility (range) of light "3" to 3M	29°04.8'N 90°13.7'W		
Add Submerged well (abandoned) (cov 812fms) [L20]	27°09.8'N 91°50.9'W		
Platform [L10]	28°49.4'N 91°42.0'W		
Platform [L10]	28°26.0'N 91°00.2'W		
Submerged well (cov 20fms) [L20]	28°26.0'N 90°34.0'W		
(2/03 CG8)			
11004 7Ed. 10/29/94 LAST NM 8/03 Add Submerged well (abandoned) (cov 1485m) [L20]	9/03 27°09.8'N 91°50.9'W		
(2/03 CG8)			
11013 44Ed. 1/19/02 LAST NM 8/03 Add Racon [S3.1] at light (10(74)02 Habana)	9/03 21°04.3'N 75°37.3'W		
11323 59Ed. 3/30/02 LAST NM 7/03 Change Range light, front to QG 35ft, QG 37ft 3M (See 26/02-11323) (2/03 CG8)	9/03 29°21'18"N 94°45'50"W		
★11324 32Ed. 3/16/02 LAST NM 7/03 Change Range light, front to QG 35ft, QG 37ft 3M (See 22/02-11324) (2/03 CG8)	9/03 29°21'18.2"N 94°45'49.8"W		
11326 31Ed. 10/02 LAST NM 7/03 (Page C) Change Range light, front to QG 35ft, QG 37ft 3M (2/03 CG8)	9/03 29°21'18"N 94°45'49"W		
★11340 67Ed. 11/02 LAST NM 8/03 Delete Buoy	9/03 28°31.8'N 91°07.5'W		
Change Visibility (range) of light "3" to 3M	29°04.8'N 90°13.7'W		
Add Submerged well (abandoned) (cov 812fms) [L20]	27°09.8'N 91°50.9'W		
Platform [L10]	28°49.4'N 91°42.0'W		
Platform [L10]	28°26.0'N 91°00.2'W		
Submerged well (cov 20fms) [L20]	28°26.0'N 90°34.0'W		
(2/03 CG8)			
★11344 35Ed. 12/02 NEW EDITION Add Tabulation of controlling depths from Subsection I-2 (Previously published 7/03) (NOS)	9/03		
★11345 31Ed. 12/02 NEW EDITION (NOS)	9/03		
11352 36Ed. 11/02 LAST NM 8/03 Change Light "3" to Fl G 2.5s 17ft 3M Ra ref	9/03 29°04.8'N 90°13.8'W		
★11357 35Ed. 6/02 LAST NM 6/03 Change Light "3" to Fl G 2.5s 17ft 3M Ra ref (Supersedes 40/02-11357)	9/03 29°04'46"N 90°13'46"W		
		Range light, rear to Oc G 4s 67ft, Fl G 4s 12ft 4M (PA) (2/03 CG8)	29°07'24"N 90°13'00"W
★11364 39Ed. 11/02 LAST NM 8/03 Change Visibility (range) of light "79" to 5M (2/03 CG8)	9/03 29°53'03"N 89°58'02"W		
11365 17Ed. 10/02 LAST NM 5/02 (Side B) Change Light "3" to Fl G 2.5s 17ft 3M Ra ref (2/03 CG8)	9/03 29°04'45.8"N 90°13'46.0"W		
		Range light, rear to Oc G 4s 67ft, Fl G 4s 12ft 4M (PA) (2/03 CG8)	29°07'23.8"N 90°13'02.0"W
★11369 44Ed. 12/02 NEW EDITION Add Tabulation of controlling depths from Subsection I-2 (Previously published 5/03) (NOS)	9/03		
★11370 23Ed. 9/22/01 LAST NM 5/02 (Side A) Change Visibility (range) of light "135" to 7M (2/03 CG8)	9/03 30°02'55.8"N 90°30'20.3"W		
		(Side B) Change Visibility (range) of light "177" to 5M (2/03 CG8)	30°06'52.4"N 91°01'52.5"W
11373 42Ed. 6/02 LAST NM 7/03 Change Characteristic of buoy "2" to Fl R 30°21'04"N 88°33'56"W Characteristic of buoy "4" to Fl R 30°21'22"N 88°33'48"W (2/03 CG8)	9/03 30°21'04.4"N 88°33'55.8"W		
11374 31Ed. 8/02 LAST NM 8/03 (Side B) Relocate Buoy "4" from 30°21'21.8"N 88°33'51.1"W to 30°21'22.0"N 88°33'48.0"W and change characteristic to Fl R 2.5s Change Buoy to "2" R, Fl R 2.5s (Priv) 30°21'04.4"N 88°33'55.8"W (2/03 CG8)	9/03 30°21'22.0"N 88°33'48.0"W		
★11375 35Ed. 8/02 LAST NM 7/03 Relocate Buoy "4" from 30°21'21.8"N 88°33'51.1"W to 30°21'22.0"N 88°33'48.0"W and change characteristic to Fl R 2.5s Change Buoy to "2" R, Fl R 2.5s (Priv) 30°21'04.4"N 88°33'55.8"W (2/03 CG8)	9/03 30°21'22.0"N 88°33'48.0"W		
11378 31Ed. 12/1/01 LAST NM 7/03 (Side A) Change Range light, front to QG 34ft, QG 36ft 3M (See 18/02-11378) (2/03 CG8)	9/03 30°19'51.8"N 87°18'50.7"W		
11382 39Ed. 9/02 LAST NM 4/02 Change Range light, front to QG 34ft, QG 36ft 3M (2/03 CG8)	9/03 30°19'53"N 87°18'51"W		

11383	49Ed. 2/16/02 LAST NM 32/02 Change Range light, front to QG 34ft, QG 36ft 3M (See 19/02-11383) (2/03 CG8)	9/03 30°19'51.4"N 87°18'51.2"W	★11523 21Ed. 2/2/02 LAST NM 5/03 Relocate Beacon "2" from 32°44'27.3"N 79°43'04.0"W to 32°44'26.6"N 79°43'05.0"W Add Tabulation of controlling depths from Subsection I-2 (NOS; 51/02 CG7)	9/03
★11384	32Ed. 2/26/00 LAST NM 32/02 Change Range light, front to QG 34ft, QG 36ft 3M (See 18/02-11384) (2/03 CG8)	9/03 30°19'51.2"N 87°18'50.7"W		
11400	34Ed. 11/17/01 LAST NM 4/03 Change Range light, rear to Fl G 4s 4M (2/03 CG8)	9/03 30°04.5'N 84°10.8'W		
11404	21Ed. 6/16/01 LAST NM 50/02 (Side A) Change Visibility (range) of light "8" to 5M (2/03 CG8)	9/03 29°48'48.0"N 84°37'07.0"W		
★11405	28Ed. 4/02 LAST NM 31/02 Change Range light, rear to Fl G 4s 16ft 4M Visibility (range) of light "8" to 5M (2/03 CG8)	9/03 30°04'26"N 84°10'48"W 29°48'48"N 84°37'07"W		
★11406	11Ed. 7/12/97 LAST NM 41/00 Change Range light, rear to Fl G 4s 16ft 4M (2/03 CG8)	9/03 30°04'25.7"N 84°10'46.7"W		
11451	30Ed. 11/17/01 LAST NM 7/03 (Page D, Inset 1) Relocate Light "17" from 25°46'22"N 80°10'49"W to 25°46'21"N 80°10'49"W (See 22/02-11451) (45/02 CG7)	9/03		
11466	35Ed. 6/3/00 LAST NM 7/03 Add Danger circle [K41] "Subm buoys (6)" (cov 15ft) (See 27/02-11466) (NTM0002/2003)	9/03 26°04'00"N 80°05'37"W		
11469	5Ed. 5/19/01 LAST NM 7/03 Add Danger circle [K41] "Subm buoys (6)" (cov 2fms) (See 27/02-11469) (NTM0002/2003)	9/03 26°04'00"N 80°05'37"W		
★11470	35Ed. 10/20/01 LAST NM 4/03 Add Danger circle [K41] "Subm buoy (cov 15ft)" 26°03'57.3"N 80°05'37.0"W Danger circle [K41] "Subm buoy (cov 15ft)" 26°03'58.8"N 80°05'37.0"W Danger circle [K41] "Subm buoy (cov 15ft)" 26°04'00.0"N 80°05'37.0"W Danger circle [K41] "Subm buoy (cov 15ft)" 26°04'01.7"N 80°05'37.0"W Danger circle [K41] "Subm buoy (cov 15ft)" 26°04'03.3"N 80°05'37.0"W Danger circle [K41] "Subm buoy (cov 15ft)" 26°04'04.8"N 80°05'37.0"W (Supersedes 27/02-11470) (NTM0002/2003)	9/03		
★11507	31Ed. 12/02 NEW EDITION (NOS)	9/03		
11521	26Ed. 2/2/02 LAST NM 35/02 Relocate Beacon "2" from 32°44'24"N 79°43'00"W to 32°44'27"N 79°43'05"W Add Tabulation of controlling depths from Subsection I-2 (NOS; 51/02 CG7)	9/03		
11541	33Ed. 11/02 LAST NM 8/03 (Side B) Change Note to "HEIGHTS Heights in feet above Mean High Water." (NTM0002/2003)	9/03		
★12270	32Ed. 12/02 NEW EDITION Delete Buoy "CBB" (Previously published 7/03)	9/03 38°59'05"N 76°21'59"W		
	Relocate Light from 38°52'57"N 76°28'36"W to 38°53'08"N 76°28'37"W (NOS)			
★12318	41Ed. 12/02 NEW EDITION (Inset) Relocate Buoy "CC" from 39°22'42.8"N 74°25'00.0"W to 39°22'43.0"N 74°25'01.7"W (NOS)	9/03		
★13003	46Ed. 1/03 NEW EDITION Add Danger circle [K40] "Obstn" (PA) (Previously published 5/03)	9/03 41°10.1'N 71°12.9'W		
	Change Legend to "Obstn (8 1/4 fms)" (Previously published 7/03)			
	Delete Buoy "D"			
	Add Buoy "B" Y, Fl Y 4s (Priv) Buoy "A" Y, Fl Y 4s (Priv) Buoy "T" Y, Fl Y 4s (Priv)			
	Purple dashed-line circle with legend "Unexploded ordnance"			
	(NOS; 7/02, 3/03 CG1)	39°36.3'N 66°32.4'W		
13006	30Ed. 7/02 LAST NM 5/03 Delete Buoy "D"	9/03 44°00.6'N 68°23.7'W		
	Add Buoy "B" Y, Fl Y 4s (Priv) Buoy "A" Y, Fl Y 4s (Priv) Buoy "T" Y, Fl Y 4s (Priv)			
	(3/03 CG1)	43°10.8'N 70°25.7'W 42°31.1'N 70°33.8'W 44°06.4'N 68°06.5'W		
13009	30Ed. 8/02 LAST NM 1/03 Delete Buoy "D"	9/03 44°00.7'N 68°23.3'W		
	Add Buoy "B" Y, Fl Y 4s (Priv) Buoy "A" Y, Fl Y 4s (Priv) Buoy "T" Y, Fl Y 4s (Priv)			
	(3/03 CG1)	43°10.8'N 70°25.7'W 42°31.1'N 70°33.8'W 44°06.4'N 68°06.5'W		
13200	33Ed. 1/19/02 LAST NM 7/03 Add Buoy "A" Y, Fl Y 4s (Priv) (3/03 CG1)	9/03 42°31.1'N 70°33.8'W		
13201	10Ed. 8/10/96 LAST NM N48/02 Add Buoy "A" Y, Fl Y 4s (Priv) (3/03 CG1)	N9/03 42°31.1'N 70°33.8'W		
★13212	35Ed. 12/02 NEW EDITION (NOS)	9/03		
13260	38Ed. 4/27/02 LAST NM 7/03 Delete Buoy "D"	9/03 44°00.6'N 68°23.6'W		

(continued on next page)

SECTION I

NM 9/03

13260	(Continued)					
Add	Buoy "B" Y, Fl Y 4s (Priv)	43°10.8'N 70°25.7'W				9/03
	Buoy "A" Y, Fl Y 4s (Priv)	42°31.1'N 70°33.8'W				
	Buoy "I" Y, Fl Y 4s (Priv)	44°06.4'N 68°06.5'W				
	Designation "BR" to buoy	43°16.6'N 70°32.8'W				
	Designation "YL" to buoy	43°05.7'N 70°35.2'W				
	(3/03 CG1)					
13263	7Ed. 4/24/99 LAST NM N7/03	N9/03				
Delete	Buoy "D"	44°00.6'N 68°23.4'W				
Add	Buoy "B" Y, Fl Y 4s (Priv)	43°10.8'N 70°25.7'W				
	Buoy "A" Y, Fl Y 4s (Priv)	42°31.1'N 70°33.8'W				
	Buoy "I" Y, Fl Y 4s (Priv)	44°06.4'N 68°06.5'W				
	Designation "YL" to buoy	43°05.7'N 70°35.2'W				
	Designation "BR" to buoy	43°16.7'N 70°32.8'W				
	(3/03 CG1)					
13264	103Ed. 1/7/95 LAST NM 49/02	9/03				
Delete	Buoy "D"	44°00.6'N 68°23.5'W				
Add	Buoy "I" Y, Fl Y 4s (Priv)	44°06.4'N 68°06.5'W				
	(3/03 CG1)					
★13267	30Ed. 12/1/01 LAST NM 7/03	9/03				
Add	Buoy "A" Y, Fl Y 4s (Priv)	42°31'05"N 70°33'47"W				
	(3/03 CG1)					
13278	25Ed. 12/9/00 LAST NM 1/03	9/03				
Add	Designation "YL" to buoy	43°05'36"N 70°35'17"W				
	(3/03 CG1)					
★13283	18Ed. 11/4/00 LAST NM 1/03	9/03				
Add	Designation "YL" to buoy	43°05'35.8"N 70°35'15.6"W				
	(3/03 CG1)					
★13286	29Ed. 7/02 LAST NM 1/03	9/03				
Add	Buoy "B" Y, Fl Y 4s (Priv)	43°10'50"N 70°25'40"W				
	Designation "YL" to buoy	43°05'36"N 70°35'17"W				
	Designation "BR" to buoy	43°16'33"N 70°33'01"W				
	(3/03 CG1)					
★13302	21Ed. 11/3/01 LAST NM 7/03	9/03				
Delete	Buoy "E"	44°21'09"N 68°50'10"W				
Change	Designation of buoy "G" to "F"	44°03'19"N 68°59'50"W				
	(3/03 CG1)					
13303	12Ed. 9/02 LAST NM 7/03	9/03				
Change	Designation of buoy "G" to "F"	44°03'19"N 68°59'50"W				
	(3/03 CG1)					
13305	28Ed. 5/5/01 LAST NM 7/03	9/03				
Change	Designation of buoy "G" to "F"	44°03'19"N 68°59'49"W				
	(3/03 CG1)					
13309	28Ed. 9/02 LAST NM 42/02	9/03				
Delete	Buoy "E"	44°21'08"N 68°50'10"W				
	(3/03 CG1)					
★13312	20Ed. 10/31/92 LAST NM 52/02	9/03				
Delete	Buoy "D"	44°00'36"N 68°23'28"W				
Add	Buoy "I" Y, Fl Y 4s (Priv)	44°06'22"N 68°06'32"W				
	(3/03 CG1)					
★13313	19Ed. 8/28/93 LAST NM 6/03	9/03				
Delete	Buoy "D"	44°00'36"N 68°23'28"W				
	(3/03 CG1)					
13394	3Ed. 7/02 LAST NM 39/02	9/03				
Add	Buoy "J" Y, Fl Y 4s (Priv)	44°53'28"N 67°01'02"W				
	(3/03 CG1)					
★13396	4Ed. 12/8/01 LAST NM 13/02	9/03				
Add	Buoy "J" Y, Fl Y 4s (Priv)	44°53'27.8"N 67°01'02.3"W				
	(3/03 CG1)					
14003	6Ed. 4/27/96 LAST NM 5/03	9/03				
Add	Buoy "B" Y, Fl Y 4s (Priv)	43°10.8'N 70°25.7'W				
	Buoy "A" Y, Fl Y 4s (Priv)	42°31.1'N 70°33.8'W				
	Buoy "I" Y, Fl Y 4s (Priv)	44°06.4'N 68°06.5'W				
	Designation "BR" to buoy	43°16.6'N 70°32.8'W				
	Designation "YL" to buoy	43°05.7'N 70°35.2'W				
	(3/03 CG1)					
14061	27Ed. 12/24/94 LAST NM 6/03	9/03				
Add	Buoy "J" Y, Fl Y 4s (Priv)	43°10.8'N 70°25.7'W				
	(3/03 CG1)	42°31.1'N 70°33.8'W				
	Buoy "I" Y, Fl Y 4s (Priv)	44°06.4'N 68°06.5'W				
★14839	36Ed. 12/02 NEW EDITION (NOS)	9/03				
★14848	56Ed. 11/10/01 LAST NM 31/02	9/03				
Add	Dangerous wreck [K28] (ED) (NOS)	42°19'14.7"N 83°02'22.9"W				
14853	13Ed. 12/1/01 LAST NM 7/03 (Page 12)	9/03				
Add (NOS)	Dangerous wreck [K28] (ED)	42°19'14.7"N 83°02'22.9"W				
★14922	19Ed. 3/23/02 LAST NM 51/02 (Inset Manitowoc)	9/03				
Delete	Depth 12 feet	44°05'58"N 87°40'02"W				
	Depth 23 feet	44°05'33"N 87°39'42"W				
Change	Legend to "18 FEET MAY 2002"	44°05'31"N 87°39'18"W				
	Legend to "18 FEET MAY 2002"	44°05'38"N 87°39'52"W				
	Legend to "17 FEET MAY 2002"	44°06'00"N 87°39'49"W				
	(NOS)					
★14932	22Ed. 1/27/96 LAST NM 32/02	9/03				
Delete	Depth 16 feet	42°47'00"N 86°08'17"W				
	Depth 12 feet	42°47'53"N 86°06'49"W				
Change	Legend to "19 FT APR 2002 - OCT 2002"	42°46'23"N 86°12'32"W				
	Legend to "20 FT OCT 2002"	42°46'32"N 86°11'13"W				
	Legend to "19 FT OCT 2002"	42°46'42"N 86°09'28"W				
	Legend to "16 FT OCT 2002"	42°46'40"N 86°09'04"W				
	Legend to "17 FT OCT 2002"	42°46'51"N 86°08'36"W				
	Legend to "18 FT OCT 2002"	42°47'12"N 86°07'50"W				
	Legend to "14 FT OCT 2002"	42°47'31"N 86°07'06"W				
	Legend to "16 FT OCT 2002"	42°47'31"N 86°07'09"W				
	(See 32/02-14932)					
16500	9Ed. 6/20/98 LAST NM 36/01	9/03				
Delete (NOS)	Dangerous wreck	53°53.7'N 166°30.1'W				
16528	16Ed. 6/13/98 LAST NM 39/98	9/03				
Delete (NOS)	Dangerous wreck	53°53'44"N 166°30'04"W				
★16529	14Ed. 8/20/94 LAST NM 50/02	9/03				
Delete (NOS)	Dangerous wreck	53°53'43.8"N 166°30'03.6"W				
16700	27Ed. 3/9/02 LAST NM 52/02	9/03				
Delete	Depth 12 fathoms	59°56.7'N 148°05.6'W				
	Depth 7 fathoms	59°56.3'N 148°06.1'W				
Substitute	Depth 2 1/2 fathoms for 5 3/4 fathoms	59°56.0'N 148°05.6'W				
Add	Rock which covers and uncovers [K11]	59°56.0'N 148°03.1'W				
	Depth 5 fathoms	59°55.6'N 148°06.4'W				
	Depth 3 1/2 fathoms	59°56.6'N 148°05.4'W				
	Depth 3 1/4 fathoms	59°56.2'N 148°06.3'W				
	Depth 4 1/4 fathoms	59°56.7'N 148°03.9'W				
	(NOS)					
I-1.3						

SECTION I

16701	18Ed. 3/9/02 LAST NM 52/02 Substitute Depth $3\frac{1}{4}$ fathoms for $5\frac{3}{4}$ fathoms	9/03 59°56'13"N 148°05'37"W 59°55'58"N 148°05'39"W	18476	4Ed. 2/7/98 LAST NM 7/03 Relocate Light from 47°45'41"N 122°50'58"W to (41/02 CG13)	9/03 47°45'41"N 122°51'02"W
Add	Depth 5 fathoms for 13 fathoms	59°55'36"N 148°06'21"W	★18502	84Ed. 6/02 LAST NM 49/02 Add Tabulation of controlling depths from (NOS)	9/03
	Rock which covers and uncovers with drying height 2 feet [K11]	59°56'01"N 148°03'08"W			
	Depth $3\frac{1}{2}$ fathoms	59°56'39"W 148°05'26"W	18525	33Ed. 6/30/01 LAST NM 4/03 Change Height of light "2" to 37ft (41/02 CG13)	9/03 45°39'12"N 122°46'04"W
	Depth $3\frac{1}{4}$ fathoms	59°56'11"N 148°06'20"W			
	Depth $4\frac{1}{4}$ fathoms	59°56'44"N 148°03'56"W	★18531	20Ed. 11/10/01 LAST NM 34/02 (Lower Panel) Add Tabulation of controlling depths from (NOS)	9/03
	Depth $3\frac{1}{4}$ fathoms	59°56'02"N 148°05'07"W			
(NOS)			★18587	68Ed. 8/25/01 LAST NM 6/03 Delete Depth 35 feet	9/03 43°23'42"N 124°12'49"W
★16702	10Ed. 6/13/98 LAST NM 1/03 Delete Depth $5\frac{3}{4}$ fathoms	9/03 59°55'52"N 148°05'35"W		Change Legend to "33 FT NOV 2002" Legend to "23 FT NOV 2002" (See 11/02-18587)	43°24'04"N 124°17'04"W 43°24'02"N 124°16'37"W
	Substitute Depth $3\frac{1}{4}$ fathoms for $5\frac{3}{4}$ fathoms	59°56'13"N 148°05'37"W		Add Depth 34 feet	43°25'20.2"N 124°16'08.4"W
Add	Rock which covers and uncovers with drying height 2 feet [K11]	59°56'01"N 148°03'08"W		Tabulation of controlling depths from Subsection I-2	
	Depth 5 fathoms	59°55'36"N 148°06'21"W	(NOS)		
	Depth $3\frac{1}{2}$ fathoms	59°56'39"N 148°05'26"W	★18603	16Ed. 12/02 NEW EDITION Change Characteristic of buoy "2SG" to Fl R 4s (NOS; 34/02 CG11)	9/03 41°50.2'N 124°23.2'W
	Depth $3\frac{1}{4}$ fathoms	59°56'11"N 148°06'20"W			
	Depth $2\frac{1}{2}$ fathoms	59°55'58"N 148°05'39"W	★19402	6Ed. 12/02 NEW EDITION (NOS)	9/03
	Depth $3\frac{1}{4}$ fathoms	59°56'02"N 148°05'07"W			
	Depth $4\frac{1}{4}$ fathoms	59°56'44"N 148°03'56"W	21017	50Ed. 3/16/85 LAST NM 6/03 Change Visibility (range) of light to 30M (Mex LL)	9/03 23°10.6'N 106°26.7'W
(NOS)					
18423	33Ed. 10/02 LAST NM 7/03 (Page D)	9/03	21023	41Ed. 3/3/84 LAST NM 8/03 Change Visibility (range) of light to 10M Visibility (range) of light to 10M Visibility (range) of light to 12M Visibility (range) of light to 10M Visibility (range) of light to 15M (Mex LL)	9/03 16°11.0'N 94°27.8'W 16°04.1'N 94°09.3'W 15°56.5'N 93°49.8'W 15°08.3'N 92°50.3'W 14°42.5'N 92°25.0'W
Delete	Light (See 26/02-18423)	48°27'48"N 122°58'06"W			
	(Page D, Inset 8)		21478	3Ed. 10/29/94 LAST NM 13/97 Change Light to Fl 5s 22m 15M	9/03 14°42'19.4"N 92°24'36.4"W
Delete	Light (44/02 CG13)	48°27'49"N 122°58'08"W		Range light, front to Fl 3s 10m 9M 14°42'09.4"N 92°23'28.7"W	
18434	4Ed. 4/27/96 LAST NM 6/03 Delete Light (See 26/02-18434)	9/03 48°27'48"N 122°58'08"W		Visibility (range) of range light, rear to 11M 14°42'08.1'N 92°23'20.2'W	
(44/02 CG13)				Range light, front to Fl 3s 10m 9M 14°43'18.7"N 92°24'09.8" W	
18441	42Ed. 5/1/02 LAST NM 7/03 Change Light to 2 Fl Y 10s 30ft HORN (2 Bl ev 30s) (Priv) (See 6/03-18441)	9/03 47°48'49"N 122°23'10"W		Range light, rear to Iso 2s 16m 11M 14°43'26.8"N 92°24'08.9" W	
(44/02 CG13)				(Mex LL)	
18445	29Ed. 2/24/01 LAST NM 7/03 (Page A)	9/03	21510	1Ed. 8/31/85 LAST NM 13/02 Change Light to Fl 5s 22m 15M (Mex LL)	9/03 14°42.5'N 92°24.6'W
Change	Light to 2 Fl Y 10s 30ft HORN (2 Bl ev 30s) (Priv) (See 6/03-18445)	47°48'49"N 122°23'10"W			
(44/02 CG13)			26001	4Ed. 5/25/96 LAST NM 38/01 Add Racon [S3.1] at light (10/74/02 Habana)	9/03 21°04.3'N 75°37.3'W
18446	15Ed. 4/18/98 LAST NM 7/03 Change Light to 2 Fl Y 10s 30ft HORN (2 Bl ev 30s) (Priv) (See 6/03-18446)	9/03 47°48'49"N 122°23'10"W			
(44/02 CG13)			26240	7Ed. 7/8/95 LAST NM 23/02 Add Racon [S3.1] at light (10/74/02 Habana)	9/03 21°04.3'N 75°37.3'W
★18450	17Ed. 12/02 NEW EDITION Change Visibility (range) of light to 6M (NOS; USCG LL)	9/03 47°35'24"N 122°20'35"W			
★18458	14Ed. 9/20/97 LAST NM 39/02 Relocate Light from 47°45'41"N 122°50'58"W to (41/02 CG13)	9/03 47°45'41"N 122°51'02"W			
18459	5Ed. 5/16/98 LAST NM N39/02 Delete Light	N9/03 47°45'40"N 122°51'03"W			
Add	Light Fl R 5s 15ft, Fl Y 5s 15ft (Occas-when range is in use) (Navy Maintnd)	47°45'41"N 122°51'02"W			
(41/02 CG13; USCG LL)					

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NM 9/03

26244	3Ed. 1/6/96 LAST NM 30/01 Add Racon [S3.1] at light (10(74)02 Habana)	9/03 21°04'16"N 75°37'18"W	37320	16Ed. 9/6/97 LAST NM 44/02 Add Danger circle [K40] "Obstn (Marine farm) (beaconed)" (17(14)00 Brest)	9/03 47°46'43"N 4°20'07"W
27005	4Ed. 6/1/96 LAST NM 8/03 Add Racon [S3.1] at light (10(74)02 Habana)	9/03 21°04'N 75°37'W	37330	2Ed. 7/12/97 LAST NM 46/02 Add Depth 69 meters Wk [K26] Depth 66 meters Wk [K26] Depth 70 meters Wk [K26] Depth 70 meters Wk [K26] Depth 67 meters Obstn [K41] (29(24)02 Brest)	9/03 49°22.7'N 3°31.7'W 49°26.1'N 3°34.5'W 49°22.7'N 3°33.4'W 49°23.3'N 3°40.9'W 49°28.4'N 3°26.0'W
27040	5Ed. 9/2/95 LAST NM 18/01 Add Racon [S3.1] at light (10(74)02 Habana)	9/03 21°04.3'N 75°37.3'W	37360	15Ed. 6/22/96 LAST NM 2/03 Delete BELL from beacon (17(17)00 Brest)	9/03 47°20.2'N 2°55.1'W
27142	5Ed. 11/26/94 LAST NM 43/01 Delete Beacon "Cayo Monterrey"	9/03 22°20'12"N 82°21'00"W	37380	2Ed. 9/11/93 LAST NM 51/02 Delete BELL from beacon (17(17)00 Brest)	9/03 47°20.2'N 2°55.1'W
Change	Designation of light to "Sur Bajo La Gata" and visibility (range) to 9M	22°21'12"N 82°25'42"W	43000	4Ed. 9/9/95 LAST NM 18/99 Add Wreck [K29] with legend "Wks" (14(618)02 Stavanger)	9/03 67°01'N 12°02'E
Add	Light "Cayo Monterrey" Fl 10s 11m 14M (PA) (10(74)02 Habana)	22°20'00"N 82°20'06"W	43015	12Ed. 8/24/96 LAST NM 18/99 Add Wreck [K29] with legend "Wks" (14(618)02 Stavanger)	9/03 67°01'N 12°02'E
27183	8Ed. 11/26/94 LAST NM 1/03 Delete Beacon "4" Beacon "14" (10(74)02 Habana)	9/03 21°39'34"N 79°47'56"W 21°40'21"N 79°51'16"W	43030	24Ed. 4/5/97 LAST NM 2/03 Add Swept depth 11.5 meters Obstn [K42] Swept depth 11.8 meters Wk [K27] (51-52(151, 1516)02 Hamburg)	9/03 54°28.7'N 13°36.3'E 54°24.2'N 14°07.1'E
27186	8Ed. 11/26/94 LAST NM 1/03 Delete Beacon "4" Beacon "14" (10(74)02 Habana)	9/03 21°39'34"N 79°47'56"W 21°40'21"N 79°51'16"W	43180	5Ed. 7/5/97 LAST NM 34/99 Add Wreck [K29] Wreck [K29] Wreck [K29] Wreck [K29] (14(618)02 Stavanger)	9/03 67°01.0'N 12°03.0'E 67°00.4'N 12°02.8'E 67°00.9'N 12°02.2'E 67°00.7'N 12°06.5'E
28004	1Ed. 7/4/92 LAST NM 8/03 Delete Depth 161 meters	9/03 16°22'N 84°05'W	43248	3Ed. 9/15/84 LAST NM 52/98 Add Dangerous wreck (Mast) [K25] (14(607)02 Stavanger)	9/03 63°13'34"N 8°11'00"E
Add	Depth 791 meters (NTM0004/2003)	16°26'N 84°07'W	44001	2Ed. 10/19/96 LAST NM 8/03 Change Light to Fl 8s 16M (41(1097)99 Norrkoping; Swd LL)	9/03 59°45.2'N 19°24.4'E
37060	3Ed. 8/16/97 LAST NM 50/02 Add Depth 66 meters Wk [K26] Depth 70 meters Wk [K26] Depth 67 meters Obstn [K41] (29(24)02 Brest)	9/03 49°26.1'N 3°34.5'W 49°23.3'N 3°40.9'W 49°28.4'N 3°26.0'W	44015	8Ed. 7/22/95 LAST NM 8/03 Change Visibility (range) of light to 11M Light to Fl 16M (11(119)96 Tallinn; 41(1097)99 Norrkoping; Est LL; Swd LL)	9/03 59°18.2'N 23°21.7'E 59°45.2'N 23°24.4'E
37080	3Ed. 12/28/96 LAST NM 7/03 Add Wreck [K29] (PD) (29(22)02 Brest)	9/03 49°44.7'N 1°57.3'W	44030	7Ed. 6/14/97 LAST NM 8/03 Change Light to Fl 16M (41(1097)99 Norrkoping; Swd LL)	9/03 59°45.2'N 19°24.4'E
37090	8Ed. 2/8/97 LAST NM 7/03 Add Wreck [K29] (PD) (29(22)02 Brest)	9/03 49°44.7'N 1°57.3'W	44041	7Ed. 4/3/93 LAST NM 1/03 Delete Submarine cable between Add Submarine cable (power) [L31.1] joining (23(701)99 Norrkoping)	9/03 57°41'14"N 11°39'57"E 57°41'36"N 11°40'36"E 57°41'13"N 11°39'56"E 57°41'16"N 11°40'18"E 57°41'36"N 11°40'15"E 57°41'48"N 11°40'30"E
37095	3Ed. 10/26/96 LAST NM 7/03 Add Wreck [K29] (PD) (29(22)02 Brest)	9/03 49°44.7'N 1°57.3'W	44042	7Ed. 8/22/92 LAST NM 7/03 Delete Submarine cable between (continued on next page)	9/03 57°41'13.7"N 11°39'56.7"E 57°41'39.2"N 11°40'35.8"E
37125	15Ed. 8/24/96 LAST NM 6/03 Add "ANCHORING AND MOORING PROHIBITED" area bound by purple composite line joining "FISHING PROHIBITED" area bound by purple composite line joining (30(17)00 Brest)	9/03 51°03'15"N 1°55'01"E 51°02'54"N 1°50'25"E 51°01'33"N 1°50'25"E 51°01'51"N 1°55'01"E 51°02'45"N 1°51'46"E 51°02'57"N 1°53'13"E 51°02'27"N 1°53'13"E 51°02'15"N 1°51'46"E			
37226	17Ed. 12/27/97 LAST NM 8/03 Add Swept depth 10.3 meters Wk [K27] (3(44)03 Hamburg)	9/03 53°52'22"N 8°44'10"E 53°52'22.2"N 8°44'10.2"E			

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44042	(Continued)			
Add	Submarine cable (power) [L31.1] joining			
	57°41'13.0"N 11°39'56.0"E			59°34'04"N 18°38'47"E
	57°41'16.0"N 11°40'18.0"E			59°33'34"N 18°37'27"E
	57°41'36.0"N 11°40'15.5"E			59°33'10"N 18°36'13"E
	57°41'48.0"N 11°40'30.0"E			59°32'35"N 18°34'54"E
	Legend "5m"	57°41'27.0"N 11°53'45.0"E		59°32'26"N 18°34'48"E
	Legend "4m"	57°41'25.5"N 11°53'35.0"E		59°32'14"N 18°34'59"E
	Light 2 FR	57°41'26.7"N 11°53'41.5"E		59°32'09"N 18°35'25"E
	Range line extending in 220°18' direction from above light, dashed for 75 meters			
	(23(701), 24(725), 38(1027), 46(1236)99 Norrkoping; Swd LL)			
44043	8Ed. 11/30/96 LAST NM 6/03	9/03		
Add	Submarine cable (power) [L31.1] joining			
	57°41'13"N 11°39'56"E			Submarine cable (power) [L31.1] between
	57°41'16"N 11°40'18"E			59°33'07"N 18°44'31"E
	57°41'36"N 11°40'15"E			59°32'58"N 18°45'11"E
	57°41'48"N 11°40'30"E			
	(23(701)99 Norrkoping)			
44081	9Ed. 3/16/96 LAST NM 39/02	9/03		
Add	Swept depth 11.5 meters Obstn [K41]			Submarine cable (power) [L31.1] between
		54°28'44"N 13°36'15"E		59°32'12"N 18°34'37"E
	(51-52(1516)02 Hamburg)			59°32'16"N 18°35'09"E
44082	11Ed. 12/16/95 LAST NM 25/02	9/03		Submarine cable (power) [L31.1] between
Add	Swept depth 11.8 meters Wk [K27]	54°24'11"N 14°07'07"E		59°29'38"N 18°40'06"E
	(51-52(151)02 Hamburg)			59°29'15"N 18°40'28"E
44083	8Ed. 4/6/96 LAST NM 21/02	9/03		Submarine cable (power) [L31.1] joining
Change	Legend to "Lts in line 081°36"	53°46'30"N 14°30'00"E		59°29'30"N 18°46'00"E
	(28(495)01 Gdynia)			59°29'25"N 18°45'53"E
				59°29'25"N 18°46'18"E
				59°30'05"N 18°46'37"E
44100	7Ed. 3/9/96 LAST NM 2/03	9/03		Dangerous submerged rock [K13] 59°33'04"N 18°47'42"E
Substitute	Swept depth 11.8 meters Wk [K27] for depth 11.8 meters	54°24.2'N 14°07.1'E		Rock awash [K12] 59°25'40"N 18°27'02"E
Add	Swept depth 11.5 meters Obstn [K42]	54°28.7'N 13°36.3'E		(51(1550)98, 19(582), 42(1122, 1123), 45(1205, 1207)99 Norrkoping; Swd CH 612)
44120	7Ed. 2/22/97 LAST NM 2/03	9/03		
Add	Swept depth 11.8 meters Wk [K27]	54°24.2'N 14°07.1'E		
	(51-52(151)02 Hamburg)			
44180	6Ed. 7/6/91 LAST NM 8/03	9/03		
Change	Light to Fl 8s 31m 16M	59°45.2'N 19°24.4'E		
	(41(1097)99 Norrkoping; Swd LL)			
44183	6Ed. 4/19/97 LAST NM 8/03	9/03		
Add	Buoy G, spar	59°21'51"N 18°22'33"E		
	Buoy R, spar	59°21'47"N 18°21'59"E		
	Solid line (pier) [F14] between	59°21'28"N 18°14'07"E		
		59°21'25"N 18°14'05"E		
	Submarine cable (power) [L31.1] between	59°28'07"N 18°19'12"E		
		59°27'55"N 18°19'10"E		
	Rock awash [K12]	59°25'40"N 18°27'02"E		
	Dangerous submerged rock [K13]	59°26'07"N 18°17'56"E		
	(23(688), 45(1204, 1207, 1208)99, 44(1005)00 Norrkoping)			
44186	2Ed. 6/15/96 LAST NM 8/03	9/03		
Relocate	Buoy from 59°33'50"N 18°38'20"E to	59°33'47"N 18°38'17"E		
	Buoy from 59°41'14"N 18°59'30"E to	59°41'10"N 18°59'24"E		
	Buoy from 59°32'00"N 18°32'56"E to	59°32'03"N 18°32'58"E		
Add	Submarine cable [L30.1] joining	59°35'10"N 18°50'38"E		
		59°34'57"N 18°50'35"E		
		59°34'22"N 18°47'40"E		
		59°33'38"N 18°42'58"E		
		59°33'44"N 18°41'50"E		
		59°34'08"N 18°40'23"E		
44187	2Ed. 2/3/96 LAST NM 6/03	9/03		
Relocate	Buoy from 59°41'16"N 18°59'30"E to	59°41'10"N 18°59'24"E		
Change	Light to Fl 8s 31m 16M	59°45'10"N 19°24'19"E		
Add	Beacon G	59°45'48"N 19°04'46"E		
	Dangerous submerged rock [K13]	59°42'26"N 19°23'05"E		
	(19(582), 20(596), 41(1097)99, 32(737)00 Norrkoping; Swd LL)			
44200	9Ed. 7/20/96 LAST NM 4/03	9/03		
Add	Light Fl 8s 16M		59°45.2'N 19°24.4'E	
	(41(1097)99 Norrkoping; Swd LL)			
44319	2Ed. 2/15/97 LAST NM 6/03	9/03		
Change	Light to Fl WR 15s 20m 11/7M	59°49.0'N 26°21.6'E		
	Visibility (range) of light to 12M	59°38.8'N 25°30.6'E		
	Light to L Fl 15s 31m 11M	59°41.9'N 25°01.4'E		
	Visibility (range) of light to 11M	59°18.2'N 23°21.7'E		
Add	Submarine cable [L30.1] joining	60°10.3'N 26°59.8'E		
		60°04.1'N 27°09.8'E		
		60°00.4'N 27°16.3'E		
		59°54.3'N 27°49.5'E		
		59°54.9'N 27°58.4'E		
		59°56.8'N 28°03.0'E		
		59°55.8'N 28°20.2'E		
		59°52.1'N 28°29.3'E		
		59°51.0'N 28°33.9'E		
		59°50.7'N 28°33.1'E		
	(40(6174)02 St. Petersburg; 11(119)96 Tallinn; BA LL; Est LL)			
44320	4Ed. 9/21/96 LAST NM 8/03	9/03		
Change	Visibility (range) of light to 11M		59°18.2'N 23°21.7'E	
	(11(119)96 Tallinn; Est LL)			
44340	11Ed. 8/10/96 LAST NM 8/03	9/03		
Change	Light to Fl WR 15s 20m 11/7M	59°49.0'N 26°21.6'E		
	Visibility (range) of light to 12M	59°38.8'N 25°30.6'E		
	Light to L Fl 15s 31m 11M	59°41.9'N 25°01.4'E		
	Visibility (range) of light to 11M	59°18.2'N 23°21.7'E		
Add	Submarine cable [L30.1] between	60°10.3'N 26°59.8'E		
		60°07.2'N 27°05.0'E		
	(40(6174)02 St. Petersburg; 11(119)96 Tallinn; BA LL; Est LL)			
44341	7Ed. 10/17/98 LAST NM 7/03	9/03		
Change	Buoy to YB, spar, double cone topmark		60°12'54"N 25°11'54"E	
	points downward			
	(31(717)98 Helsinki)			

SECTION I

NM 9/03

44360	9Ed. 10/12/96 LAST NM 4/03 Change Light to Fl WRG 15s 20m 11/7M	9/03 59°49.0'N 26°21.6'E	52086	2Ed. 8/5/95 LAST NM 4/03 Add "Marine Farm (buoyed)" area bound by dotted line (limiting danger line) joining	9/03 39°47'35"N 0°03'47"W 39°47'31"N 0°04'04"E 39°47'50"N 0°04'11"W 39°47'53"N 0°03'54"E
Add	Submarine cable [L30.1] joining	60°10.3'N 26°59.8'E 60°04.1'N 27°09.8'E 60°03.1'N 27°11.7'E 60°00.4'N 27°16.3'E 59°55.9'N 27°41.4'E 59°54.3'N 27°49.5'E 59°54.9'N 27°58.4'E 59°56.8'N 28°03.0'E 59°55.8'N 28°20.2'E 59°52.1'N 28°29.3'E 59°51.0'N 28°33.9'E 59°50.7'N 28°33.1'E (40(6174)02 St. Petersburg; 11(119)96 Tallinn; BA LL)		(Plan A) Add Submarine pipeline (sewer) [L41.1] between	39°57'20.4"N 0°00'15.0"E 39°57'17.4"N 0°00'31.8"E
44400	4Ed. 9/7/96 LAST NM 8/03 Add Light F WRG 16m 8-4M with sectors green 26°10'3"-26°50', white-26°51', red-27°57'	9/03 57°20.1'N 23°08.0'E		Buoy BYB, spar, double cone topmark bases together, VQ(3) 5s [Q130.3]	39°57'16.8"N 0°00'33.0"E (25(457), 28(511)02 Cadiz)
	Light F WRG 11m 6-3M with sectors green 09°53"-09°73', white-09°9'30', red-10°1'30'	57°19.0'N 24°24.4'E			
	(6(27)00, 12(58)01 Riga; BA LL)				
44420	6Ed. 12/14/96 LAST NM 8/03 Change Legend to "Ls in line 144°12"	9/03 56°56.3'N 21°07.0"E	53060	14Ed. 9/30/89 LAST NM 5/03 Delete Purple composite line joining	9/03 43°07.6'N 6°30.2'E 43°05.3'N 6°30.8'E 43°04.6'N 6°29.1'E
	(6(28)00 Riga; BA LL)		Add	Purple composite line (restricted area limit) between	43°07.6'N 6°30.2'E 43°04.6'N 6°29.1'E (30(27)00 Brest)
44444	6Ed. 5/15/99 LAST NM 31/02 (Plan A)	9/03	53083	8Ed. 4/15/95 LAST NM 19/02 Delete Purple composite line between	9/03 43°06'15.7"N 6°30'15.0"E 43°05'07.5"N 6°30'15.0"E (30(27)00 Brest)
Add	Light Fl G 2s 8m 1M Light Fl G 3s 8m 1M	57°23'59.4"N 21°34'20.2"E 57°23'55.0"N 21°34'46.9"E	61070	4Ed. 7/1/95 LAST NM 34/00 Change Light to Fl(2+1) 38s 46m 28M	9/03 32°14.4'S 28°54.9"E (3(319)03 Taunton)
	Submarine pipeline [L40.1] between	57°23'59.1"N 21°34'20.3"E 57°24'08.7"N 21°34'24.3"E	61080	4Ed. 7/8/95 LAST NM 34/00 Change Light to Fl(2+1) 38s 46m 28M	9/03 32°14.4'S 28°54.9"E (3(319)03 Taunton)
	(19(107)99 Riga; BA LL)		62241	10Ed. 1/24/98 LAST NM 40/01 Delete Legend "14m (1986)" Legend "14m (1986)"	9/03 21°28'17.0"N 39°09'22.5"E 21°28'44.0"N 39°09'30.0"E
51100	7Ed. 10/22/94 LAST NM 8/03 Substitute Depth 8.5 meters for 8.8 meters Depth 4.9 meters for 5.2 meters Depth 7.3 meters for 9.9 meters	9/03 42°24.9'N 8°56.5"W 42°22.0'N 8°57.8"W 42°19.5'N 8°57.2"W (27(492)02 Cadiz)		Legend "Dredged to 11m (1980)"	21°28'30.0"N 39°09'40.0"E
52039	4Ed. 11/2/02 LAST NM 8/03 Delete "Tunny nets" symbol "Tunny nets" symbol	9/03 36°00'42"N 5°37'48"W 36°14'04"N 6°07'41"W	Add	"Dredged to 15.0m (2002)" area bound by shore and dashed line joining	21°28'52.8"N 39°09'27.7"E 21°28'54.5"N 39°09'42.1"E 21°28'31.5"N 39°09'46.0"E 21°28'11.5"N 39°09'29.2"E 21°28'05.0"N 39°09'30.5"E 21°27'58.2"N 39°09'30.5"E 21°28'09.0"N 39°09'13.5"E and delete blue tint within above area
Add	Buoy YBY, pillar, double cone topmark points together, Q(9) 15s with legend "Mar-Jul"	36°01'10"N 5°38'10"W		"Dredged to 15.5m (2002)" area bound by dashed line joining	21°28'09.0"N 39°09'13.5"E 21°27'44.2"N 39°09'06.0"E 21°27'48.5"N 39°09'27.0"E 21°27'58.2"N 39°09'30.5"E and delete depth contour, green tint area and dashed line within above area
	Buoy YB, pillar, double cone topmark points downward, Q(6) + L Fl 15s with legend "Mar-Jul"	36°00'55"N 5°37'08"W		Legend "Dredged to 11m (1980)" between	21°28'15.9"N 39°09'37.2"E 21°28'25.9"N 39°09'45.0"E (3(271)03 Taunton)
	"Tunny nets" area [K45] bound by shore and dashed line joining	36°01'21"N 5°36'59"W 36°01'10"N 5°38'10"W 36°00'55"N 5°37'08"W 36°01'01"N 5°36'46"W			
	Buoy BY, pillar, double cone topmark points upwards, Q with legend "Mar-Aug"	36°15'04"N 6°06'52"W			
	Buoy BYB, pillar, double cone topmark bases together, Q(3) 10s with legend "Mar-Aug"	36°14'55"N 6°06'54"W	62242	11Ed. 4/25/98 LAST NM 47/02 Delete Legend "11m (1980)"	9/03 21°27'56"N 39°09'37"E
	Buoy YB, pillar, double cone topmark points downwards, Q(6) + L Fl 15s with legend "Mar-Aug"	36°14'11"N 6°08'02"W	Change	Legend "11m (1980)" to "15m (2002)"	21°28'42"N 39°09'36"E
	Buoy YBY, pillar, double cone topmark points together, Q(9) 15s with legend "Mar-Aug"	36°14'24"N 6°08'43"W	Add	Dashed line (dredged area limit) between	21°28'31"N 39°09'48"E 21°28'12"N 39°09'28"E
	"Tunny nets" area [K45] bound by dashed line joining	36°15'04"N 6°06'52"W 36°14'55"N 6°06'54"W 36°14'11"N 6°08'02"W 36°14'24"N 6°08'43"W		Dashed line (dredged area limit) between	21°28'06"N 39°09'30"E 21°27'58"N 39°09'28"E
	(10(170), 25(453), 28(509)02 Cadiz; Spn LL)				

(continued on next page)

62242	(Continued) “15.m (2002)” area bound by dashed line joining and delete green tint area and dashed line within above area Legend “11m (1980)” (3(271)03 Taunton)	21°28'10"N 39°09'14"E 21°27'42"N 39°09'06"E 21°27'48"N 39°09'27"E 21°27'58"N 39°09'28"E 21°28'18"N 39°09'44"E	Relocate Buoy “UMP” from 21°55'32"N 88°07'14"E to Buoy “ABB” from 21°49'49"N 87°59'53"E to and add light Q Buoy “LR” from 22°00'20"N 88°11'02"E to and add light Fl(2) 10s Buoy “LMP” from 21°55'10"N 88°06'16"E to and add light Fl(2) 10s (See 30/02-63321) Change Characteristic of buoy “SF” to Fl(2) R 10s Characteristic of buoy “MC V” to Q Characteristic of buoy “MC II” to Fl(3) 15s Characteristic of buoy “UBS” to Fl(2) R 10s Add Buoy “MC I” G, conical, Fl 7s (18(363), 21(421)02 Dehra Dun)	21°55'31"N 88°07'03"E 21°49'48"N 87°59'43"E 22°00'33"N 88°11'22"E 21°54'28"N 88°06'15"E 21°58'33"N 88°02'12"E 21°47'00"N 88°03'24"E 21°49'50"N 88°03'09"E 21°53'00"N 88°04'29"E 21°51'16"N 88°02'47"E
62400	17Ed. 9/23/95 LAST NM 4/03 Add Light Fl(5) G 20s 7m 5M (3(320)03 Taunton)	25°04'10"N 55°07'19"E		9/03
62498	4Ed. 12/8/01 LAST NM 4/03 Add Light Fl(5) G 20s 7m 5M (3(320)03 Taunton)	25°04'10"N 55°07'19"E		9/03
62499	4Ed. 12/8/01 LAST NM 4/03 Add Light Fl(5) G 20s 7m 5M (3(320)03 Taunton)	25°04'09.6"N 55°07'19.2"E		9/03
63015	11Ed. 2/4/84 LAST NM 52/02 Add Superbuoy ODAS [Q58] “MB10” Y, Fl 3s Ra Ref 12°30.6'N 84°59.0'E Superbuoy ODAS [Q58] “OB8” Y, Fl(5) 15s Ra Ref 11°30.2'N 81°28.4'E (24(471)02 Dehra Dun)			9/03
63020	15Ed. 6/26/93 LAST NM 4/03 Add Superbuoy ODAS [Q58] “MB12” Y, Fl 3s Ra Ref 17°29.5'N 89°55.4'E (24(471)02 Dehra Dun)			9/03
63091	4Ed. 3/12/83 LAST NM 52/02 Delete “General Lighterage Area” in vicinity 21°01'30"N 72°35'00"E “LPG and Chemical Lighterage” area in vicinity 20°58'30"N 72°38'00"E Add “LPG and Chemical Lighterage” area bound by purple dashed line joining 20°59'02"N 72°36'58"E 20°59'02"N 72°38'58"E 20°57'02"N 72°38'58"E 20°57'02"N 72°36'58"E “General Lighterage Area” bound by purple dashed line joining 20°59'02"N 72°33'58"E 20°59'02"N 72°35'58"E 21°02'02"N 72°35'58"E 21°02'02"N 72°33'58"E (11(224)02 Dehra Dun)	9/03		
63111	9Ed. 4/13/96 LAST NM 48/02 (Plan A) Change Legend to “Less water reported (2002)” 15°25'08.0"N 73°46'45.0"E Line 5 of CAUTION MARMAGAO APPROACH CHANNEL to “than charted. Depths throughout the harbor are reported shoaler than the charted maintained depths. Mariners should consult local authorities for the latest information.” 15°27'30.0"E 73°49'06.0"E (Plan B) Change Legend to “Less water reported (2002)” 15°25'15.0"N 73°47'26.0"E	9/03		
	Add Legend “SEE CAUTION” between 15°24'48.0"N 73°48'06.0"E 15°24'36.0"N 73°48'18.0"E (24(486)02 Dehra Dun)			
63321	6Ed. 9/26/98 LAST NM 42/02 (Continuation) Delete Buoy “MC I”	21°51'32"N 88°04'03"E		9/03
63322	2Ed. 4/6/96 LAST NM 30/02 (Panel A) Relocate Buoy “CR” from 22°01'54.0"N 88°11'54.0"E to 22°01'53.4"N 88°12'09.0"E (Panel B) Delete Buoy “UHS” (18(363), 21(421)02 Dehra Dun)			9/03
63410	6Ed. 10/10/87 LAST NM 8/03 Change Light float “Thuriya” to Fl 7s 9m 8M (24(474)02 Dehra Dun)			9/03
72070	4Ed. 10/7/95 LAST NM 2/03 Change Visibility (range) of light to 15M (24(186)02 Jakarta)			9/03
72075	2Ed. 9/9/95 LAST NM 20/02 Change Visibility (range) of light to 15M (24(186)02 Jakarta)			9/03
72080	7Ed. 3/28/98 LAST NM 2/03 Change Visibility (range) of light to 15M (24(186)02 Jakarta)			9/03
72085	2Ed. 12/30/95 LAST NM 2/03 Change Visibility (range) of light to 15M (24(186)02 Jakarta)			9/03
72236	1Ed. 8/15/92 LAST NM 21/99 (Plan A) Add Buoy Y, “X” topmark, Fl Y 5s [Q130.6] 6°56'51.1"S 110°25'17.3"E (Plan B) Add Buoy Y, “X” topmark, Fl Y 5s [Q130.6] 6°56'51.1"S 110°25'17.3"E (27(212)02 Jakarta)			9/03
73020	9Ed. 11/4/95 LAST NM 25/02 Substitute Depth 24 fathoms Wk for 26 fathoms Wk 10°40.5'S 132°04.0'E Add Legend “CONSERVATION AREA” Legend “CONSERVATION AREA” (18(501)99 Wollongong; 25(196)02 Jakarta)			9/03

SECTION I

NM 9/03

73032	4Ed. 12/28/96 LAST NM 25/02 Add Legend "CONSERVATION AREA" (25(196)02 Jakarta)	9/03 2°05.5'S 134°33.5'E 3°06.5'S 134°54.5'E	Add Pilot station symbol [T1.2] with legend "Cairns Fairway" 16°47.0'S 145°52.0'E Legend "Euston Reef" to pilot station symbol (18(495)99 Wollongong)
73552	4Ed. 4/3/99 LAST NM 7/03 Delete Pilot station symbol (18(496)99 Wollongong)	9/03 9°28'00"S 143°30'00"E	74285 2Ed. 8/23/97 LAST NM 1/03 Delete Pilot station symbol 9/03 Add Pilot station symbol [T1.2] with legend "Dalrymple Island" 9°34'00"S 143°24'00"E Pilot station symbol [T1.2] with legend "Stephens Islet" 9°22'00"S 143°39'00"E (18(496)99 Wollongong)
74004	2Ed. 2/11/95 LAST NM 47/02 Add Legend "Pith Reef" to pilot station symbol (18(494)99 Wollongong)	9/03 18°13.0'S 147°07.0'E	74287 2Ed. 6/13/98 LAST NM 52/02 Add Legend "Booby Island" to pilot station symbol (18(497)99 Wollongong)
74005	2Ed. 4/8/95 LAST NM 7/03 Delete Pilot station symbol (18(496)99 Wollongong)	9/03 9°28.0'S 143°30.0'E	74289 5Ed. 10/11/97 LAST NM 26/02 Add Legend "Booby Island" to pilot station symbol (18(497)99 Wollongong)
74009	10Ed. 7/29/95 LAST NM 8/03 Substitute Depth 45 meters Wk for 48 meters Wk (18(501)99 Wollongong)	9/03 10°40.5'S 132°04.0'E	74290 11Ed. 9/6/97 LAST NM 7/03 Delete Pilot station symbol 9/03 Add Legend "Booby Island" to pilot station symbol 10°35.9'S 141°50.5'E Pilot station symbol [T1.2] with legend "Dalrymple Island" 9°34.0'S 143°24.0'E Pilot station symbol [T1.2] with legend "Stephens Islet" 9°22.0'S 143°39.0'E (18(496), 497)99 Wollongong)
74191	2Ed. 2/9/85 LAST NM 7/03 Delete Purple dashed line and legend "Quarantine Line" joining (18(493)99 Wollongong)	9/03 24°45.52'S 152°24.71'E 24°44.58'S 152°24.71'E 24°44.58'S 152°23.65'E (Plan) Delete Purple dashed line and legend "Quarantine Line" between (18(493)99 Wollongong)	74292 8Ed. 8/29/98 LAST NM 38/02 Delete Depth 5.2 meters 9/03 Add Legend "Goods Island" to pilot station symbol 10°35.50'S 142°20.40'E Legend "Booby Island" to pilot station symbol 10°36.25'S 141°50.11'E Depth 4.3 meters enclosed by depth contour (5-meter) 10°35.32'S 142°20.36'E Depth 4 meters enclosed by depth contour (5-meter) 10°33.36'S 142°20.43'E Depth 4.6 meters enclosed by depth contour (5-meter) 10°33.42'S 142°20.20'E (18(497), 19(525)99 Wollongong)
74240	8Ed. 7/22/95 LAST NM 8/03 Add Legend "Pith Reef" to pilot station symbol (18(494)99 Wollongong)	9/03 18°13.0'S 147°07.0'E	74293 7Ed. 7/26/97 LAST NM 48/02 Substitute Depth 4 meters enclosed by depth contour (5-meter) for 6.4 meters 9/03 Add Depth 4.3 meters enclosed by depth contour (5-meter) 10°35.19"S 142°20'21"E (19(525)99 Wollongong)
74251	8Ed. 5/3/97 LAST NM 6/03 Add Purple dashed-line greater arc of a circle, radius 2 miles, with legend "Mourilyan Pilotage Area" centered arc between (19(522)99 Wollongong)	9/03 17°35'59"S 146°07'43"E 17°34'39"S 146°06'25"E 17°38'00"S 146°08'18"E (Plan C) Change Legend "Maintained depth 8.5m" to "Maintained depth 9.9m" 17°36'01.8"S 146°07'36.0"E Legend "9.2m" to "10.4m" 17°36'00.0"S 146°07'28.2"E (19(522)99 Wollongong)	74295 3Ed. 9/19/98 LAST NM 4/03 Delete Depth 6.4 meters 9/03 Depth 7.3 meters 10°33'21.0"S 142°20'24.0"E Add Depth 4 meters enclosed by depth contour (5-meter) 10°33'21.5"S 142°20'26.0"E Depth 4.6 meters enclosed by depth contour (5-meter) 10°33'24.9"S 142°20'12.1"E (19(525)99 Wollongong)
74252	9Ed. 7/25/98 LAST NM 7/03 Delete Pilot station symbol (18(495)99 Wollongong)	9/03 16°48'37.5"S 145°50'40.0"E	74296 4Ed. 4/17/99 LAST NM 49/02 Add Legend "Goods Island" to pilot station symbol 10°33'55"S 142°04'26"E Legend "Booby Island" to pilot station symbol 10°36'15"S 141°50'07"E (18(497)99 Wollongong)
74253	6Ed. 5/10/97 LAST NM 8/03 Add Legend "Euston Reef" to pilot station symbol 16°39'12"S 146°14'36"E Legend "Cairns Port" to pilot station symbol 16°48'36"S 145°50'30"E Pilot station symbol [T1.2] with legend "Cairns Fairway" 16°46'55"S 145°52'03"E (18(495)99 Wollongong)	9/03 16°48.6'S 145°50.6'E	
74265	2Ed. 7/12/97 LAST NM 7/03 Delete Pilot station symbol	9/03 16°48.6'S 145°50.6'E	

74376	5Ed. 11/25/95 LAST NM 43/02 Add Rock which covers and uncovers [K11] Rock which covers and uncovers [K11] (18(499)99 Wollongong)	9/03 11°34'09"S 136°19'38"E 11°32'17"S 136°22'43"E	94123	9Ed. 5/11/96 LAST NM 52/02 Add Submarine cable [L30.1] joining (30/01 Tso-ying)	9/03 25°10'08"N 121°24'16"E 25°13'10"N 121°21'33"E 25°13'46"N 121°21'38"E 25°34'26"N 121°25'24"E 25°40'26"N 121°41'12"E
74380	4Ed. 9/13/97 LAST NM 8/03 Substitute Depth 45 meters Wk for 48 meters Wk (18(501)99 Wollongong)	9/03 10°40.5'S 132°04.0'E	94127	2Ed. 5/25/96 LAST NM 6/03 (Panel B) Add Submarine cable [L30.1] joining (30/01 Tso-ying)	9/03 25°10'07.5"N 121°24'15.6"E 25°13'10.3"N 121°21'32.5"E 25°13'46.2"N 121°21'38.2"E 25°14'16.0"N 121°21'42.0"E
74465	2Ed. 3/19/94 LAST NM 9/02 Change Height of light to 14m Height of light to 24m Legend "139°43'" to "138°44'" (BA LL)	9/03 17°17.4'S 123°36.6"E 17°17.7'S 123°36.9"E 17°13.8'S 123°33.6"E	94160	7Ed. 3/23/96 LAST NM 52/02 Add Submarine cable [L30.1] joining (30/01 Tso-ying)	9/03 25°10.1'N 121°24.3'E 25°13.2'N 121°21.5'E 25°34.4'N 121°25.4'E 25°44.4'N 121°46.0'E
74494	2Ed. 8/19/95 LAST NM 8/03 Add Beacon, F Bu (18(502)99 Wollongong)	9/03 20°18'49.5"S 118°34'25.0"E	95080	13Ed. 6/24/95 LAST NM 7/03 Add Dangerous wreck [K28] Light Fl 6s 52m 8M (2(26, 27)03 Inchon)	9/03 36°08'11"N 125°18'53"E 36°27'15"N 126°18'28"E
76056	3Ed. 8/8/98 LAST NM 38/01 (Plan) Add Beacon Y, "X" topmark, QY 5m 5M (26(165)02 Wellington)	9/03 35°49'45.5"S 174°28'43.4"E	95100	12Ed. 3/2/96 LAST NM 8/03 Add Light Fl(3) 7s 16m 8M (2(25)03 Inchon)	9/03 34°19'55"N 126°28'19"E
76061	3Ed. 8/22/98 LAST NM 40/02 (Plan) Substitute Depth 13.4 meters for 16.6 meters (25(159)02 Wellington)	9/03 39°02'16.8"S 174°02'46.8"E 39°02'19.8"S 174°02'40.8"E	95101	8Ed. 7/8/95 LAST NM 6/03 Add Light Fl(3) 7s 16m 8M (2(25)03 Inchon)	9/03 34°19'55"N 126°28'19"E
94004	6Ed. 9/2/95 LAST NM 8/03 Add Submarine cable [L30.1] joining	9/03 25°10.1'N 121°24.3'E 25°13.2'N 121°21.5'E 25°34.4'N 121°25.4'E 25°49.9'N 121°57.7'E 25°49.3'N 122°08.0'E Light Dir WRG 20-16M Light Fl(2) 15M (30/01, 19/02 Tso-ying)	95140	15Ed. 10/7/95 LAST NM 8/03 Change Visibility (range) of light to 26M Add Dangerous wreck [K28] Beacon BRB, double ball topmark, Fl(2) 5s 11m 8M [Q130.4] (2(17, 18), 3(46)03 Inchon)	9/03 34°37'11"N 128°32'53"E 34°23'21"N 127°51'32"E 35°05'23"N 128°42'59"E
94016	2Ed. 9/23/95 LAST NM 3/03 Add Submarine cable [L30.1] joining	9/03 25°10.1'N 121°24.3'E 25°13.2'N 121°21.5'E 25°34.4'N 121°25.4'E 25°49.9'N 121°57.7'E 25°49.5'N 122°13.5'E 25°30.6'N 122°31.7'E 25°27.4'N 122°34.5'E 25°08.8'N 122°38.6'E (30/01 Tso-ying)	95143	11Ed. 5/15/99 LAST NM 8/03 Add Buoy "25" G, pillar, can topmark, Fl(4) G 8s Buoy "27" G, pillar, can topmark, Fl G 4s Buoy "29" G, pillar, can topmark, Fl(2) G 5s Dangerous wreck [K28] (15(195)00, 3(46)03 Inchon)	9/03 34°53'44"N 127°44'47"E 34°53'53"N 127°44'41"E 34°54'06"N 127°43'18"E 34°23'21"N 127°51'32"E
94028	7Ed. 9/16/95 LAST NM 8/03 Change Visibility (range) of light to 26M Add Dangerous wreck [K28] (2(18, 27), 3(46)03 Inchon)	9/03 34°37.2'N 128°32.9'E 36°08.2'N 125°18.9'E 34°23.3'N 127°51.5'E	95144	9Ed. 5/15/99 LAST NM 8/03 Change Light to Fl R 4s 12m 6M Visibility (range) of light to 26M (2(18, 19)03 Inchon)	9/03 34°53'49"N 128°43'03"E 34°37'11"N 128°32'53"E
94120	6Ed. 9/9/95 LAST NM 52/02 Add Submarine cable [L30.1] joining	9/03 25°10.1'N 121°24.3'E 25°13.2'N 121°21.5'E 25°34.4'N 121°25.4"E 25°49.9'N 121°57.7'E 25°49.5'N 122°13.5'E 25°30.6'N 122°31.7'E 25°27.4'N 122°34.5'E 25°08.8'N 122°38.6'E Light Dir WRG 23m 20-16M Light Fl(2) 8s 23m 15M (30/01, 19/02 Tso-ying)	95146	14Ed. 5/14/94 LAST NM 8/03 Change Light to Fl R 4s 12m 6M Add Buoy "C" Y, pillar, "X" topmark, Fl Y 5s Buoy "D" Y, pillar, "X" topmark, Fl Y 5s Buoy "E" Y, pillar, "X" topmark, Fl Y 5s Beacon BRB, double ball topmark, Fl(2) 5s 11m 8M [Q130.4] (2(16, 17, 19)03 Inchon)	9/03 34°53'49"N 128°43'03"E 35°05'32"N 128°47'08"E 35°05'56"N 128°47'10"E 35°05'56"N 128°46'33"E 35°05'23"N 128°42'59"E
			95147	13Ed. 5/14/94 LAST NM 5/03 Add Beacon BRB, double ball topmark, Fl(2) 5s 11m 8M [Q130.4] (2(17)03 Inchon)	9/03 35°05'23.0"N 128°42'58.9"E

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95149	9Ed. 6/12/99 LAST NM 8/03	9/03			
Add	Buoy "C" Y, pillar, "X" topmark, Fl Y 5s 35°05'32"N 128°47'08"E				35°43'33.0"N 129°30'33.0"E 35°43'46.0"N 129°30'35.0"E
	Buoy "D" Y, pillar, "X" topmark, Fl Y 5s 35°05'56"N 128°47'10"E				35°43'37.0"N 129°31'38.0"E
	Buoy "E" Y, pillar, "X" topmark, Fl Y 5s 35°05'56"N 128°46'33"E				35°43'00.0"N 129°31'35.0"E
(2)(16)02 Inchon)			(14(180, 182)00 Inchon)		
95152	5Ed. 7/23/94 LAST NM 6/03	9/03			
Add	Berth designation "MKW-01" [F19] 35°02'53.8"N 129°00'10.0"E				
	Berth designation "MKW-02" [F19] 35°02'54.8"N 129°00'15.0"E				
	Berth designation "MKD-01" [F19] 35°03'33.4"N 128°58'59.3"E				
	Berth designation "MKD-02" [F19] 35°03'30.6"N 128°58'52.5"E				
(16(203, 204)00 Inchon)					
95160	13Ed. 8/19/95 LAST NM 8/03	9/03			
Delete	Dangerous wreck (Mast) (See 27/02-95160)	36°05.8'N 129°28.6'E			
(2)(15)03 Inchon)					
95161	16Ed. 9/8/01 LAST NM 8/03	9/03			
Delete	Beacon 35°30'40.0"N 129°23'32.0"E				
	Buoy 35°30'37.0"N 129°23'18.0"E				
Add	Vertical clearance [D20] 60 meters to overhead cable 35°30'57.0"N 129°23'17.0"E				
	Vertical clearance [D20] 41 meters to overhead cable 35°30'05.0"N 129°22'42.0"E				
(44(601)02 Inchon)					
95163	2Ed. 6/4/94 LAST NM 6/03	9/03			
Delete	Marine farm area centered 35°58'30.0"N 129°33'42.0"E				
	Dashed-line circle and legend "Marine farm" 35°56'30.0"N 129°32'56.0"E				
	Dashed-line circle and legend "Fish trap" 35°56'42.0"N 129°33'08.0"E				
	Dangerous wreck (Mast) 36°05'45.8"N 129°28'35.6"E				
	Buoy 36°05'38.0"N 129°28'38.0"E				
	(Supersedes 27/02-95163)				
Change	Visibility (range) of light to 10M 36°01'12.0"N 129°24'18.0"E				
	Visibility (range) of light to 10M 36°01'08.0"N 129°24'31.0"E				
Add	Fish haven area with blue tint [K46.1] bound by dotted line (limiting danger line) joining 35°58'32.0"N 129°33'43.0"E 35°58'33.0"N 129°34'00.0"E 35°58'22.0"N 129°33'53.0"E 35°58'21.0"N 129°33'36.0"E				
	Fish haven area with blue tint [K46.1] bound by dotted line (limiting danger line) joining 35°52'04.0"N 129°32'55.0"E 35°56'55.0"N 129°33'56.0"E 35°55'35.0"N 129°33'40.0"E 35°55'43.0"N 129°32'39.0"E				
(ROK LL; 14(178-180)00, 2(15)03 Inchon)					
95164	4Ed. 4/9/94 LAST NM 6/03	9/03			
Add	Fish haven area with blue tint [K46.1] bound by dotted line (limiting danger line) joining 35°56'00.0"N 129°32'41.0"E 35°55'43.0"N 129°32'39.0"E 35°55'35.0"N 129°33'40.0"E 35°56'00.0"N 129°33'45.0"E				
	Fish haven area with blue tint [K46.1] bound by dotted line (limiting danger line) joining 35°43'53.0"N 129°30'07.0"E 35°43'50.0"N 129°30'22.0"E 35°43'37.0"N 129°30'18.0"E 35°43'41.0"N 129°30'04.0"E				
	Fish haven area with blue tint [K46.1] bound by dotted line (limiting danger line) joining 35°43'00.0"N 129°31'01.5"E 35°43'28.0"N 129°31'03.0"E				
95167	10Ed. 9/26/98 LAST NM 6/03	9/03			
Change	Light to Fl G 5s 12m 10M Light to Fl R 5s 12m 10M (ROK LL; 14(178)00 Inchon)				36°01'11.8"N 129°24'17.0"E 36°01'07.5"N 129°24'31.0"E
95171	1Ed. 12/11/93 LAST NM 6/03	9/03			
Add	Fish haven area with blue tint [K46.1] bound by existing fish haven and dotted line (limiting danger line) joining 36°41'38.5"N 129°29'15.0"E 36°41'41.2"N 129°29'11.0"E 36°41'27.2"N 129°29'37.0"E 36°41'16.2"N 129°29'29.0"E 36°41'30.2"N 129°29'11.0"E 36°41'37.0"N 129°29'20.0"E				
	(14(170)00 Inchon)				
95172	1Ed. 8/28/93 LAST NM 1/03	9/03			
Add	Fish haven area with blue tint [K46.1] bound by existing fish haven and dotted line (limiting danger line) joining 36°41'38.5"N 129°29'15.0"E 36°41'41.2"N 129°29'11.0"E 36°41'27.2"N 129°29'37.0"E 36°41'16.2"N 129°29'29.0"E 36°41'30.2"N 129°29'11.0"E 36°41'37.0"N 129°29'20.0"E				
	(14(170)00 Inchon)				
95177	1Ed. 11/20/93 LAST NM 5/02	9/03			
Delete	Marine farm centered 35°58'30.0"N 129°33'43.0"E				
	Fish trap centered 35°56'40.0"N 129°33'07.0"E				
	Marine farm centered 35°56'30.0"N 129°32'56.0"E				
Add	Fish haven area with blue tint [K46.1] bound by dotted line (limiting danger line) joining 35°58'32.0"N 129°33'43.0"E 35°58'32.3"N 129°33'57.6"E 35°58'21.7"N 129°33'51.2"E 35°58'21.0"N 129°33'36.0"E				
	Fish haven area with blue tint [K46.1] bound by dotted line (limiting danger line) joining 35°56'15.0"N 129°32'49.3"E 35°57'04.0"N 129°32'55.0"E 35°56'55.0"N 129°33'56.0"E 35°56'15.0"N 129°33'51.5"E				
	(14(179, 180)00 Inchon)				
95180	11Ed. 6/15/96 LAST NM 6/03	9/03			
Delete	Dangerous wreck (Mast) (Supersedes 27/02-95180)	36°05'46"N 129°28'36"E			
(2)(15)03 Inchon)					
95261	7Ed. 8/17/96 LAST NM 5/03	9/03			
Add	Fish haven symbol [K46.1] (2)(37)03 Tokyo)				39°49'27"N 139°55'27"E
95262	13Ed. 4/18/98 LAST NM 6/03	9/03			
Add	Fish haven symbol [K46.1] (2)(37)03 Tokyo)				39°49'27.0"N 139°55'27.0"E
95268	16Ed. 3/28/98 LAST NM 6/03 (Plan A)	9/03			
Substitute	Light Fl(2) G 5s 12m 6M for position circle ("Y Lt")				36°48'06.1"N 137°04'09.5"E
Change	Light to Fl(2) R 5s 13m 10M				36°48'08.0"N 137°04'31.0"E
(Plan B)					
Add	Chartlet, depicting changes in hydrography and topography, from Subsection I-2				36°45'56.0"N 137°14'05.0"E
	(37(1503)99 Tokyo; Jpn CH W1162A)				
95270	4Ed. 11/9/91 LAST NM 48/02	9/03			
Change	Light to Fl(2) R 10M (37(1503)99 Tokyo)				36°48.0'N 137°04.7'E

95271	4Ed. 2/7/98 LAST NM 48/02 Change Light to Fl(2) R 10M (37(1503)99 Tokyo)	9/03 36°48'08.0"N 137°04'31.0"E	97145	1Ed. 2/16/91 LAST NM 8/03 Add Submarine cable [L30.1] joining (50(1749)02 Tokyo)	9/03 34°57'42"N 140°00'18"E 34°57'30"N 140°00'30"E 34°57'24"N 140°00'48"E 34°56'00"N 140°02'24"E 34°55'36"N 140°02'36"E 34°53'42"N 140°03'00"E
95282	7Ed. 7/14/90 LAST NM 6/03 Add Chartlet, depicting changes in hydrography and topography, from Subsection I-2 (Jpn CH W1167)	9/03 35°31'18.0"N 135°20'35.0"E	97148	9Ed. 3/23/02 LAST NM 45/02 Substitute Beacon "B" R, cone topmark, Mo(B) R 8s 9m 6M for buoy "B" Beacon "C" R, cone topmark, Mo(C) R 10s 9m 6M for buoy "C" (2(40)03 Tokyo)	9/03 35°22'50.0"N 139°43'04.0"E 35°24'06.0"N 139°43'46.0"E
95342	16Ed. 2/3/96 LAST NM 30/02 Add Chartlet A, depicting changes in hydrography and topography, from Subsection I-2 33°56'11.0"N 130°45'21.0"E Chartlet B, depicting changes in hydrography and topography, from Subsection I-2 33°56'14.0"N 130°46'32.0"E (45(1697)01, 32(1090)02 Tokyo)	9/03 33°56'11.0"N 130°45'21.0"E 33°56'14.0"N 130°46'32.0"E	97183	9Ed. 3/21/98 LAST NM 5/03 Add Depth 13.6 meters (1(26)03 Tokyo)	9/03 34°58'44"N 136°48'48"E
96763	7Ed. 8/22/98 LAST NM 48/02 Substitute Purple composite line (anchoring prohibited limit) for purple dashed line between 42°59'25.1"N 144°20'29.9"E 42°59'21.6"N 144°20'30.0"E Add Purple composite line (anchoring prohibited limit) between 42°59'18.9"N 144°18'41.8"E 42°59'40.0"N 144°18'51.9"E Legend "Anchoring Prohibited" 42°59'38.0"N 144°19'48.0"E (2(35)03 Tokyo)	9/03 42°59'25.1"N 144°20'29.9"E 42°59'21.6"N 144°20'30.0"E 42°59'18.9"N 144°18'41.8"E 42°59'40.0"N 144°18'51.9"E 42°59'38.0"N 144°19'48.0"E	97187	3Ed. 2/14/98 LAST NM 48/02 Add Legend "Lesser depth rep (2003)" (2(61)03 Tokyo)	9/03 34°59'37.5"N 136°40'12.0"E
96939	3Ed. 1/18/97 LAST NM 7/03 Add Fish haven symbol [K46.1] (18(608)00 Tokyo)	9/03 44°25'33"N 141°24'03"E	97189	2Ed. 8/9/97 LAST NM 44/02 Add Depth 13.6 meters (1(26)03 Tokyo)	9/03 34°58'44.1"N 136°48'47.8"E
96943	15Ed. 12/9/95 LAST NM 1/03 Change Light to Fl G 4s 11m 7M (1(1)03 Tokyo)	9/03 41°49'27"N 141°10'02"E	97219	4Ed. 12/20/97 LAST NM 6/03 Add Fish haven symbol [K46.1] (2(43)03 Tokyo)	9/03 34°38'26.0"N 134°29'40.0"E
96962	4Ed. 8/9/97 LAST NM 1/03 Change Light to Fl G 4s 11m 7M (1(1)03 Tokyo)	9/03 41°49'27"N 141°10'15"E	97220	3Ed. 12/30/95 LAST NM 8/03 Change Visibility (range) of light to 5M (50(1755)02 Tokyo)	9/03 34°40'24.0"N 135°24'09.0"E
97120	6Ed. 8/9/97 LAST NM 43/02 Add Submarine cable [L30.1] joining (50(1749)02 Tokyo)	9/03 34°57.7"N 140°00.3"E 34°56.0"N 140°02.4"E 34°52.5"N 140°03.3"E	97221	20Ed. 1/17/98 LAST NM 8/03 Delete Submarine cable in vicinity Add Fish haven symbol [K46.1] (1(10), 2(42)03 Tokyo)	9/03 34°11'00"N 134°47'30"E 34°33'28"N 134°16'35"E
97140	17Ed. 6/28/97 LAST NM 7/03 Add Submarine cable [L30.1] joining (50(1749)02 Tokyo)	9/03 34°57.7"N 140°00.3"E 34°56.0"N 140°02.4"E 34°52.5"N 140°03.3"E	97225	31Ed. 1/21/95 LAST NM 8/03 Change Visibility (range) of light to 5M (50(1755)02 Tokyo)	9/03 34°40'12"N 135°24'19"E
97143	11Ed. 9/25/93 LAST NM 45/02 Substitute Beacon "A" R, cone topmark, Mo(A) R 8s 9m 6M for buoy "A" Beacon "B" R, cone topmark, Mo(B) R 8s 9m 6M for buoy "B" Beacon "C" R, cone topmark, Mo(C) R 10s 9m 6M for buoy "C" (2(40)03 Tokyo)	9/03 35°21'02"N 139°43'25"E 35°22'38"N 139°43'15"E 35°23'54"N 139°43'57"E	97227	11Ed. 9/20/97 LAST NM 43/02 Add Buoy G, conical, (G Lt) (50(1756)02 Tokyo)	9/03 34°37'33.0"N 135°21'46.0"E
97144	14Ed. 6/22/02 LAST NM 8/03 Substitute Beacon "A" R, cone topmark, Mo(A) R 8s 9m 6M for buoy "A" Beacon "B" R, cone topmark, Mo(B) R 8s 9m 6M for buoy "B" Beacon "C" R, cone topmark, Mo(C) R 10s 9m 6M for buoy "C" (2(40)03 Tokyo)	9/03 35°21'14"N 139°43'14"E 35°22'50"N 139°43'04"E 35°24'06"N 139°43'46"E	97228	15Ed. 1/24/98 LAST NM 6/03 Change Visibility (range) of light to 5M Add Buoy G, conical, (G Lt) Buoy R, conical, (R Lt) (See 43/02-97228) (50(1755), 1756)02 Tokyo)	9/03 34°40'24.0"N 135°24'09.0"E 34°37'33.0"N 135°21'46.0"E 34°38'09.0"N 135°23'25.0"E
			97229	12Ed. 7/4/98 LAST NM 8/03 Delete Depth 12.2 meters Depth 12.6 meters Depth 8.3 meters Double dashed line between Double solid line and land tint between (See 36/02-97229) Substitute Depth 14.2 meters for 13.2 meters	9/03 34°39'15.1"N 135°11'18.0"E 34°39'08.0"N 135°11'22.0"E 34°39'11.0"N 135°11'25.0"E 34°39'10.2"N 135°11'24.5"E 34°39'10.0"N 135°11'22.0"E 34°39'10.2"N 135°11'24.5"E 34°39'10.6"N 135°11'26.0"E 34°39'11.0"N 135°11'19.8"E

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97229	(Continued)				
	Depth 10 meters for 3.8 meters				
		34°39'09.8"N 135°11'21.0"E			
Add	Depth 10 meters	34°39'10.0"N 135°11'23.9"E			
	Depth 4 meters, blue tint and enclosing depth contour (5-meter)	34°39'09.8"N 135°11'25.3"E			
	Position circle "(Y Lt)"	34°39'10.6"N 135°11'26.0"E			
	Purple dashed line (section limit) between				
		34°39'10.6"N 135°11'26.0"E			
		34°39'10.2"N 135°11'24.5"E			
	(51(1777)02 Tokyo)				
97230	18Ed. 7/5/97 LAST NM 6/03		9/03		
Delete	Depth 14.2 meters	34°39'05.0"N 135°11'18.5"E			
	Depth 12.2 meters	34°39'15.1"N 135°11'18.0"E			
	Depth 13.2 meters	34°39'10.5"N 135°11'20.0"E			
	Depth 12.8 meters	34°39'11.0"N 135°11'21.0"E			
	Depth 12.6 meters	34°39'08.0"N 135°11'22.0"E			
	Depth 8.3 meters	34°39'11.0"N 135°11'25.0"E			
	Double dashed line between	34°39'10.2"N 135°11'24.5"E			
		34°39'10.0"N 135°11'22.0"E			
	Double solid line and land tint between				
		34°39'10.2"N 135°11'24.5"E			
		34°39'10.6"N 135°11'26.0"E			
	(See 36/02-97230)				
Substitute	Depth 10.6 meters for 11.6 meters				
		34°39'21.5"N 135°11'33.6"E			
	Depth 10.7 meters for 12.1 meters	34°39'22.0"N 135°11'41.0"E			
	Depth 10 meters for 3.8 meters	34°39'09.8"N 135°11'21.0"E			
Add	Depth 14.2 meters	34°39'11.0"N 135°11'19.8"E			
	Depth 10 meters	34°39'10.0"N 135°11'23.9"E			
	Depth 3.2 meters	34°39'10.9"N 135°11'26.0"E			
	Depth 4 meters, blue tint and enclosing depth contour (5-meter)	34°39'09.8"N 135°11'25.3"E			
	Position circle "(Y Lt)"	34°39'10.6"N 135°11'26.0"E			
	Purple dashed line (section limit) between				
		34°39'10.6"N 135°11'26.0"E			
		34°39'10.2"N 135°11'24.5"E			
	(51(1777)02 Tokyo)				
97233	11Ed. 11/27/93 LAST NM 6/03		9/03		
Add	Fish haven symbol [K46.1]	34°01'14"N 133°05'38"E			
	Fish haven symbol [K46.1]	34°33'17"N 134°16'45"E			
	Fish haven symbol [K46.1]	34°22'23"N 133°24'06"E			
	(1(10), 2(45), 3(83)03 Tokyo)				
97234	17Ed. 12/26/98 LAST NM 8/03		9/03		
Add	Fish haven symbol [K46.1]	34°26'56.0"N 134°13'14.0"E			
	(2(44)03 Tokyo)				
97236	20Ed. 10/17/98 LAST NM 47/02		9/03		
Add	Fish haven symbol [K46.1]	34°19'54"N 133°29'59"E			
	(3(82)03 Tokyo)				
97239	10Ed. 2/28/98 LAST NM 5/03		9/03		
Add	Fish haven symbol [K46.1]	34°19'54.0"N 133°29'59.0"E			
	(3(82)03 Tokyo)				
97244	5Ed. 11/21/98 LAST NM 17/99		9/03		
	(Continuation)				
Change	Characteristic of buoy to Mo(A) R 8s				
		33°59'50.0"N 133°20'03.2"E			
	(50(1757)02 Tokyo)				
97245	11Ed. 2/28/98 LAST NM 5/03		9/03		
Change	Visibility (range) of light to 5M				
		34°40'24.0"N 135°24'09.0"E			
	(See 1/03-97245)				
	(50(1755)02 Tokyo)				
97263	10Ed. 1/24/98 LAST NM 7/03		9/03		
	(Continuation)				
Add	Legend "Lesser depths rep (2003)"				
		34°03'35.0"N 133°01'18.0"E			
	(2(65)03 Tokyo)				
97273	10Ed. 5/21/94 LAST NM 8/03		9/03		
Change	Characteristic of buoy to Iso 4s				
		33°55'26"N 131°05'07"E			
	Characteristic of buoy to Iso 4s				
	(50(1758)02 Tokyo)				
97274	19Ed. 6/27/98 LAST NM 6/03		9/03		
Change	Characteristic of buoy to Iso 4s				
		33°55'38"N 131°04'58"E			
	Characteristic of buoy to Iso 4s				
	(See 18/01-97274)				
	(50(1758)02 Tokyo)				
97276	1Ed. 1/18/86 LAST NM 40/02		9/03		
Add	Fish haven symbol [K46.1]				
	(18(613)00 Tokyo)				
97277	11Ed. 11/27/93 LAST NM 8/03		9/03		
Change	Visibility (range) of light to 4M				
		33°16'30"N 131°40'00"E			
	Visibility (range) of light to 5M				
	(50(1759)02 Tokyo)				
97279	9Ed. 8/30/97 LAST NM 27/02		9/03		
Change	Visibility (range) of light to 4M				
		33°16'40.5"N 131°39'50.0"E			
	Light to Fl(2) G 6s 13m 5M				
		33°16'48.0"N 131°40'46.5"E			
	Characteristic of buoy to Iso 4s				
	(50(1759), 1767)02 Tokyo)				
97283	3Ed. 7/12/97 LAST NM 45/02		9/03		
Change	Visibility (range) of light to 4M				
		33°16'40.5"N 131°39'50.0"E			
	Light to Fl(2) G 6s 13m 5M				
	(50(1759)02 Tokyo)				
97385	10Ed. 8/2/97 LAST NM 7/03		9/03		
Change	Visibility (range) of light to 5M				
	(50(1760)02 Tokyo)				
97480	7Ed. 6/1/96 LAST NM 3/03		9/03		
Add	Light Dir WRG 20-16M				
		24°18.4"N 121°45.8"E			
	Light Fl(2) 15M				
	(19/02 Tso-ying)				
97481	6Ed. 2/8/97 LAST NM 49/02		9/03		
Delete	Light (Fl G 3s)				
	(50(1762)02 Tokyo)				

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Chart 95268 (Plan B)

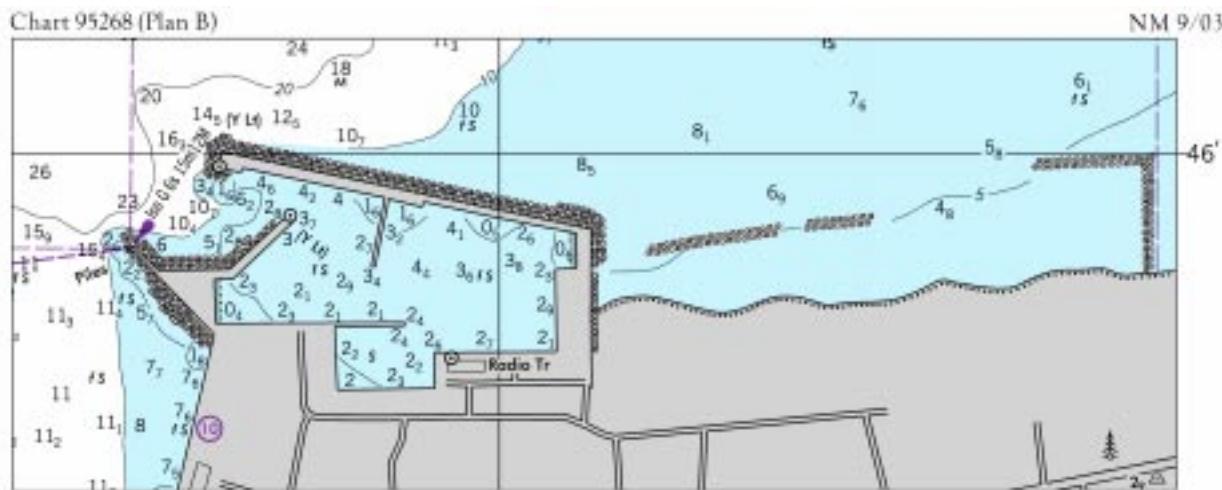
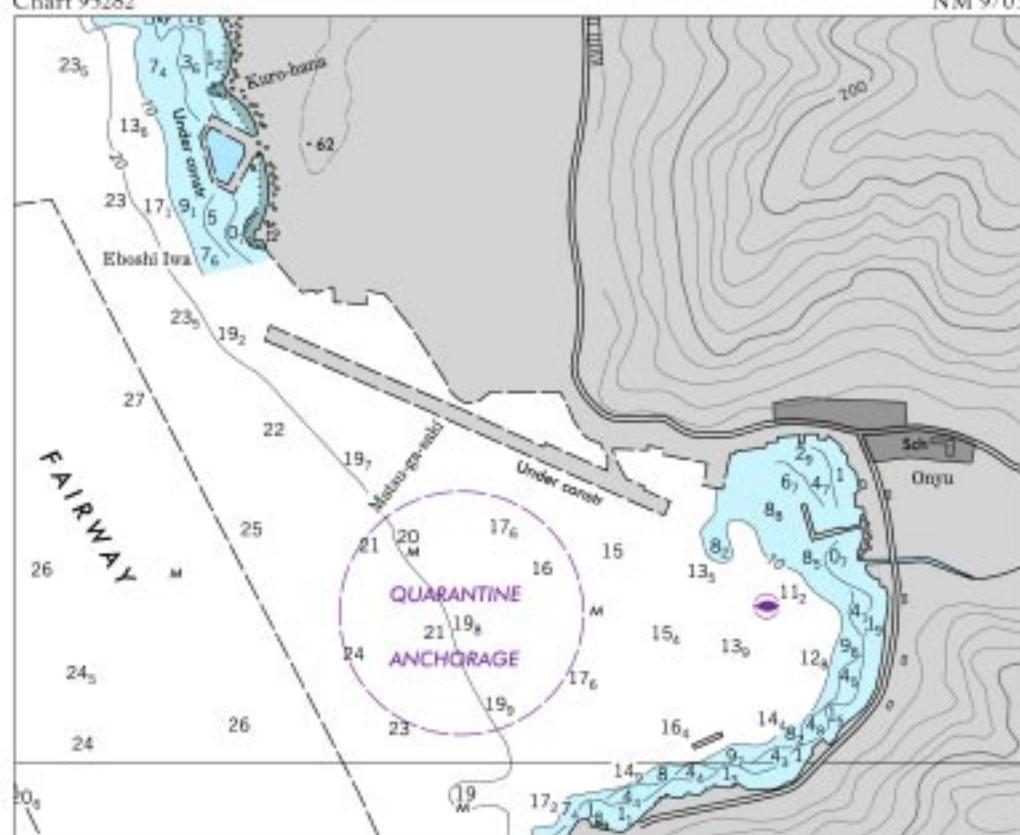


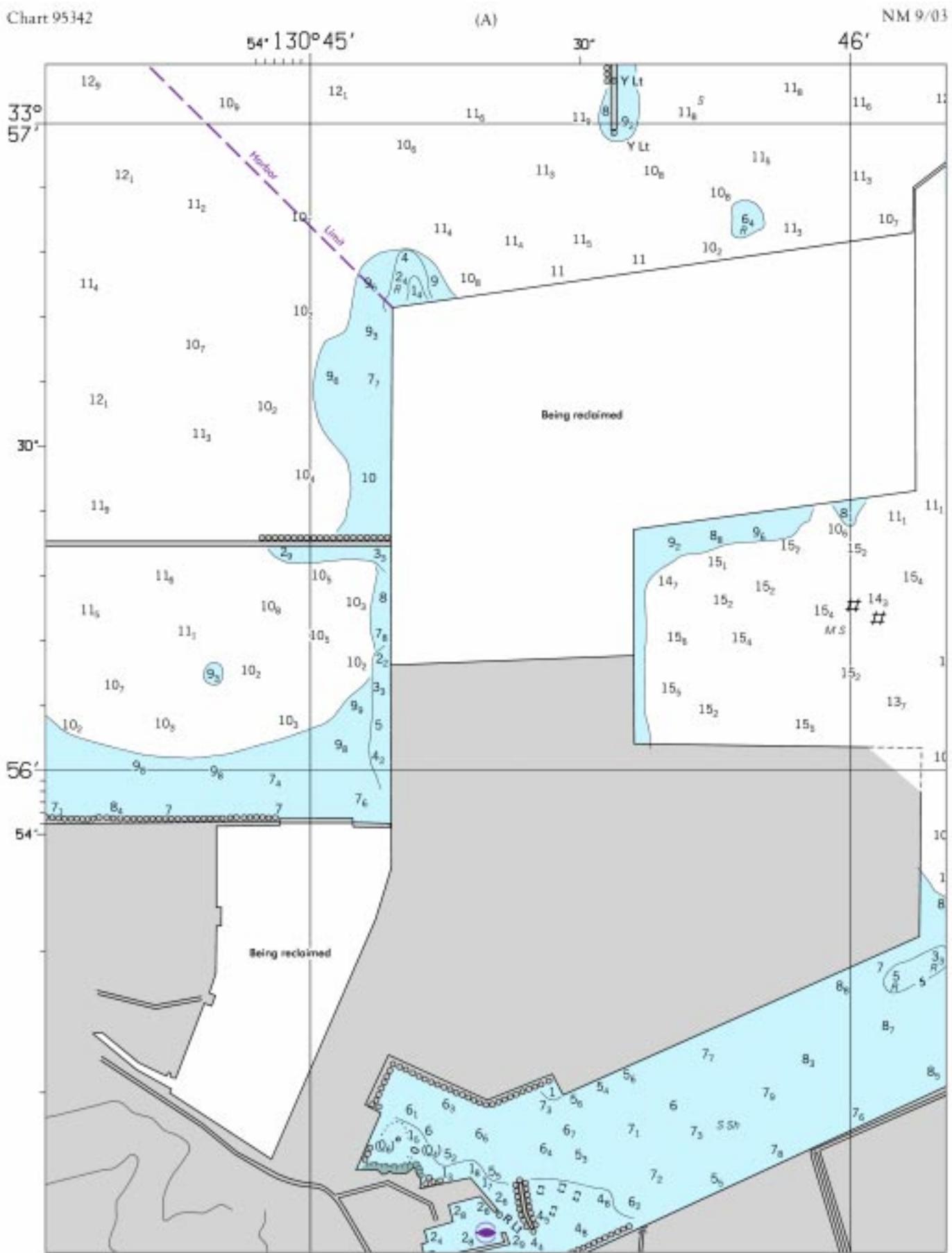
Chart 95282



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Chart 95342



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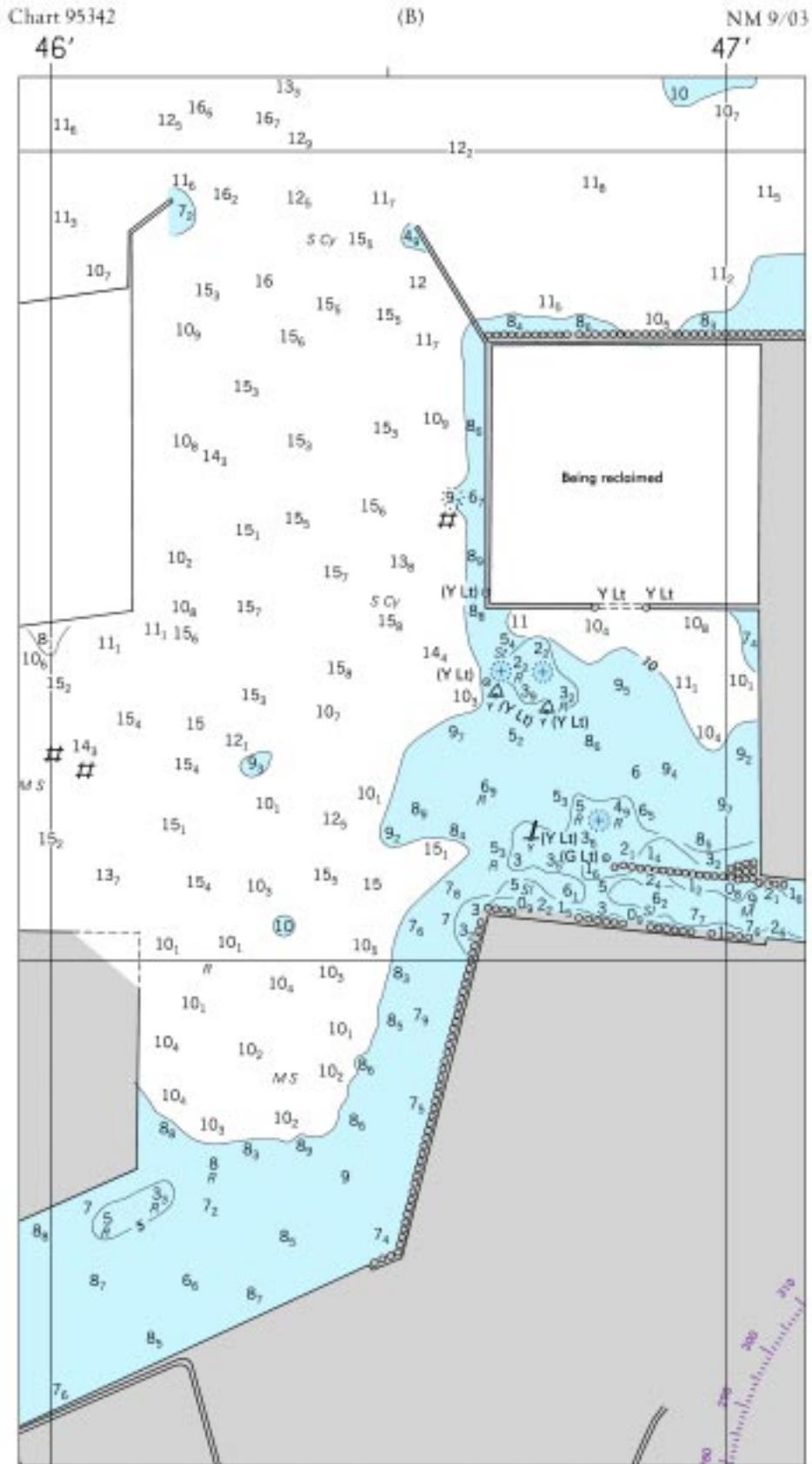


Chart 11344

NM 9/03

CALCASIEU PASS AND RIVER								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO NOV 2002								
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)	
BAR CHANNEL JETTY CHANNEL TO (29°46'00.0"N, 93°20'40.0"W) THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	30.0 31.0 20.0	36.0 40.0 38.0	36.0 47.0 40.0	22.0 48.0 37.0	11-02 6-01;8-02 8,11-02	800 400 400	19.1 1.4 6.0	42 40 40
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 11369

NM 9/03

MISSISSIPPI RIVER - GULF OUTLET CHANNEL					
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO DEC 2002					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	WIDTH (FEET)	DATE OF SURVEY
LT. BUOY 1 (29°25'27"N, 88°59'31"W) TO LT. BUOY 20 THENCE TO END OF JETTY OPPOSITE LIGHT 62 THENCE TO INTERSECTION WITH G. I. W. W. THENCE TO INNER HARBOR NAVIGATION CANAL	31.0 32.0 24.0 25.0	37.0 35.0 31.0 28.0	25.0 30.0 21.0 28.0	600 500 500 500	10,12-02 10,11,12-02 3,4,10,11,12-02 4,10-02
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE					

Chart 11521

NM 9/03

CHARLESTON HARBOR ENTRANCE								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOV 2000 AND SURVEYS TO NOV 2002								
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)	
FORT SUMTER RANGE MOUNT PLEASANT RANGE	44.9 45.7	47.5 46.6	47.4 46.9	45.6 47.7	5-02 11-02	1000 1000-600	13.2 1.6	47 45
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

SECTION I

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Chart 11523

NM 9/03

CHARLESTON HARBOR ENTRANCE						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOV 2000 AND SURVEYS TO NOV 2002						
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	
FORT SUMTER RANGE	44.9	47.5	47.4	45.6	5-02	1000 13.2 47
MOUNT PLEASANT RANGE	45.7	46.6	46.9	47.7	11-02	1000-600 1.6 45
REBELLION REACH	47.2	47.8	47.2	47.8	11-02	600 1.4 45

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

Chart 18502

NM 9/03

GRAYS HARBOR							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOV 2002 AND SURVEYS TO SEP 2002							
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)
BAR CHANNEL	44.8	45.8	46.0	2-02	1000	4.6	46
ENTRANCE RANGE	32.1	34.4	36.5	2-02	900-600	1.8	42
PT CHEHALIS REACH	33.8	35.1	36.9	2-02	600	1.2	40
SOUTH REACH	34.8	36.2	36.5	1-02; 9-02	600-350	4.1	36
CROSSOVER CHANNEL	30.8	36.2	31.4	5-02; 9-02	350-450	2.5	36
NORTH CHANNEL	35.2	36.9	32.2	5-02	450-350	2.4	36
HOQUIAM REACH	34.5	37.6	32.8	5-02	350	1.9	36
COW POINT REACH	35.8	36.1	34.5	5-02	350-900	1.8	36
ABERDEEN REACH	27.8	29.8	29.0	10-01; 2-02	550-200	2.6	30
TURNING BASIN	32.5	32.4	24.5	1-02	200-550	3	30
THENCE TO COSMOPOLIS	26.5	26.9	27.7	1-02	200	.8	30

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

Chart 18531 (Lower Panel)

NM 9/03

COLUMBIA RIVER CHANNEL DEPTHS TOMAHAWK BAR TO BONNEVILLE LOCKS						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO OCT 2002						
* 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)
TOMAHAWK BAR	18	18	17	10-01	300	3.7 27
AIRPORT BAR	17	15	14	10-01	300	2.8 27
GOVERNMENT ISLAND LOWER RANGE	15	16	15	10-01	300	1.1 27
GOVERNMENT ISLAND MIDDLE RANGE	16	16	17	10-01	300	1.6 27
FISHER QUARRY CHANNEL RANGE	26	24	24	10-01	300	1.0 27
GOVERNMENT ISLAND RANGE	17	25	24	10-01, 10-02	300	1.1 27
GOVERNMENT ISLAND UPPER RANGE	13	16	19	10-02	300	0.8 27
LADY ISLAND RANGE	16	18	20	10-02	300	2.1 27
LADY ISLAND CHANNEL AND UPPER RANGE	27	27	19	10-02	300	0.9 27
WASHOUGAL LOWER RANGE	20	27	28	10-02	300	1.5 27
WASHOUGAL UPPER RANGE	21	22	28	10-02	300	1.1 27
GARY ISLAND RANGE	16	16	15	10-02	300	0.9 27
REED ISLAND RANGE	17	16	14	3-01, 10-02	300	2.2 27
TUNNEL POINT CHANNEL	23	22	24	3-01	300	0.8 27
ROOSTER ROCK CHANNEL	23	21	21	3-01	300	1.2 27
CAPE HORN CHANNEL	29	29	28	3-01	300	2.4 27
CANDIANA CHANNEL	31	27	26	3-01, 10-02	300	1.0 27
FASHION REEF LOWER RANGE	14	19	19	10-02	300	2.2 27
MULTNOMAH FALLS BAR RANGE	12	23	26	10-02	300	1.3 27
MULTNOMAH FALLS TURN	12	17	21	3-01, 10-02	300	0.8 27
MULTNOMAH FALLS UPPER RANGE	19	20	26	3-01	300	3.2 27
MCGOWANS CHANNEL	38	29	26	3-01	300	1.1 27
WARRENDALE LOWER RANGE	22	22	19	3-01	300	0.9 27
WARRENDALE UPPER RANGE	25	27	19	3-01	300	0.8 27
HAMILTON ISLAND REACH	28	28	25	3-01	300	0.9 27
ENTRANCE TO BONNEVILLE LOCKS	24	32	26	3-01	300	0.6 27

* CONTROLLING DEPTHS FROM SEAWARD IN FEET AT COLUMBIA RIVER DATUM AND MAINTAINED TO 15 FEET.
PROJECT LENGTHS ARE IN STATUTE MILES.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18587

NM 9/03

COOS BAY AND Isthmus Slough Channel Depths						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO NOV 2002						
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. MLLW MILES) DEPTH (FEET)
ENTRANCE RANGE	38	38	39	10-02	—	1.9 47-37
ENTRANCE RANGE AND TURN	41	45	32	9-02	300-1050	0.5 37
INSIDE RANGE	39	39	38	9-02	300	0.6 37
COOS BAY RANGE	35	37	37	7,9,11-02	300	1.6 37
EMPIRE RANGE	36	37	38	11-02	300	1.3 37
LOWER JARVIS RANGE	37	36	34	11-02	300	0.8 37
JARVIS TURN	36	38	37	11-02	300	0.5 37
UPPER JARVIS RANGE	33	35	34	11-02	300-700	1.9 37
NORTH BEND LOWER RANGE	38	38	37	11-02	400	0.4 37
NORTH BEND RANGE	35	37	36	10-02	400	0.9 37
NORTH BEND UPPER RANGE	37	38	37	10-02	400	0.6 37
LOWER TURNING BASIN	35	38	38	10-02	400-900	0.3 37
FERNDALE LOWER RANGE	39	39	39	10-02	400	0.4 37
FERNDALE TURN	39	38	38	10-02	400	0.2 37
FERNDALE UPPER RANGE	36	38	37	10-02	400	0.7 37
MARSHFIELD RANGE	38	36	38	10-02	400	0.4 37
MARSHFIELD RANGE TO Isthmus Slough	37	37	36	10-02	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

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/02 THROUGH NM 9/03

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	45/02	11312	3	2*,4,7,8,21,26,28,36, 46/02;1,6,7/03	11373	42	31*,33,37,40,41,42,45, 49/02;7,9/03	11488	24	7/03
50	5	5,8,17/02	11313	22	4,31/02	11374	31	45*,49,50/02;1,2,7,8, 9/03	11489	34	8/03*
51	1	7/02	11314	21	4,8,14/02	11375	35	1*,2,5,7,9/03	11490	17	2/02
52	1	14,18/02	11315	30	37/02*	11376	48	9*,13,15,16,21,22,23,25, 27,29,31,40,43,50/02;2, 7/03	11491	33	2,18,22,28,29,30,34,37, 38/02
53	2	5,17/02	11316	38	4,11,13,14,16,21,25,36, 37,40,49/02	11377	4	26*,40,50/02;2/03	11492	19	9/02*
70	4	7/03	11317	29	20*,21,25,37,40,49/02	11378	31	10*,16,18,22,23,25,27, 30,32,40,45/02;7,9/03	11493	9	N11,N24,N39/02
71	4	7/03	11318	1	N6,N7,N12,N21,N29, N46/02;N6/03	11379	4	26*,40,50/02;2/03	11494	8	N11,N12,N24,N39/02
101	3	48/02	11321	29	12*,22,28,39,40,41,45/02	11380	49	19*,22,27,30,32/02;9/03	11495	16	19/02*
108	9	12,13,32,35/02	11322	27	21,22,24,36,37,49/02;	11384	32	3,10,18,22,30,32/02;9/03	11496	9	N6,N32,N35/02;N1/03
302	1	2/03	4/03			11385	25	23/02*	11498	16	19/02*
310	20	2/03	11319	30	11,13,25,40/02	11388	16	7,10,17/02	11502	28	11/02
400	3	23,26,31,32,33,35,45/02	11320	1	N8,N9,N28/02	11389	32	2*,7,8,11,18,23,28,33, 37/02;2,7/03	11503	39	38*,39,43/02
401	5	22,23,26,31,33,35,45/02	11321	29	12*,22,28,39,40,41,45/02	11390	22	23*,27,33,34,37/02;7/03	11505	1	4,11,16,18,26,28,31,34, 40,49/02;1,4,5/03
411	48	11,13,16,22,23,26,31,32, 33,35,40,42,45,50/02;5, 6/03	11322	27	21,22,24,36,37,49/02;	11393	20	5*,7,8,11,18/02	11506	39	5,12,18,25,32,35,39,49, 52/02;1,5/03
500	7	5/02	11323	59	26*,28,33,37,39,45/02;1, 6,7/9/03	11400	34	9*,11,23,39/02;4,9/03	11507	31	9/03*
501	12	9/03*	11324	32	22*,24,25,31,33,37/02;1, 6,7,9/03	11401	29	8,23/02	11509	27	12*,20/02;1/03
502	2	52/02	11325	34	19*,21,24,35,37,49/02;4, 6,8/03	11404	21	15,23,50/02;9/03	11510	18	34/02
507	2	45/02	11326	31	7*,9/03	11405	28	31/02*/9/03	11511	16	12/02*
508	2	15,24,45/02	11327	30	5,7,10,11,16,21,22,24,28, 37,49/02;1/03	11406	11	9/03	11512	58	10,15,16,18,20,26,28,31, 34,40,48,49/02;1,4,5/03
509	4	14/02	11328	22	6,7,9,10,21,36,37,39,47, 49/02;4,6/03	11407	18	15/02*	11513	23	4,18,32,49/02;1/03
513	6	5,17,38/02	11329	34	12*,21,24,36,37,39,47, 49/02;1,4,8/03	11408	28	3/03*	11514	26	37*,40,49/02;4,5/03
520	127	5,8,20,38/02	11330	14	2*,4,6,7,8/03	11411	14	43*,45/02;7/03	11515	17	10/02*
521	11	5,17/02	11331	18	11,17,23/02;8/03	11412	41	42*,45/02;1,6,7/03	11516	29	7*,18,24,37,49/02
522	87	14,18/02	11332	28	42*,43,49,51/02;6/03	11413	21	15/02*	11517	17	32/02
523	8	5,17/02	11333	1	N28/02	11409	27	4/03	11518	32	6,15,16,32,35,43,48, 52/02
524	12	14,18,47/02	11334	38	6,7,9,10,11,12,16,18,21, 22,23,24,28,30,31,34,36, 37,39,43/02/03	11410	29	8/03	11520	40	31*,39,40,44,46,51/02;4, 6,7,8/03
525	3	14,18/02	11335	31	9/03*	11411	14	43*,45/02;7/03	11521	26	15*,17,32,35/02;9/03
526	10	7,9,12,18,47/02;6/03	11336	40	32*,26,37,38,40,52/02; 6/03	11412	41	42*,45/02;1,2,7/03	11523	21	15*,17,32,35,52/02;5, 9/03
531	21	18*,47,52/02	11337	38	6,7,9,10,11,12,16,18,21, 22,23,24,28,30,31,34,36, 37,39,43/02/03	11413	26	5,20,39,42/02;4,7,8/03	11524	46	8/03*
532	17	5,17,38/02	11338	7	N20,N24,N39,N42/02;	11423	7	N20,N24,N39,N42/02; N4,N8/03	11525	6	N2,N12,N14,N17,N19, N23,N39,N40,N44,N46, N51/02;N4,N6,N8/03
540	16	51/02	11339	51	7,11,14,17,21,23,24,30, 37,43,49/02;4,8/03	11424	17	21,24,36,42/02;4/03	11527	16	12,37/02
541	2	6/03	11340	36	7,17,21,23,37,40,49/02;4, 8/03	11425	34	46*,49/02;4/03	11531	21	31/02*
550	7	18,24,45/02;6/03	11341	35	9/03*	11426	35	31/02*	11532	20	15*,37/02
601	4	14/02;6,8/03	11342	31	9/03*	11427	33	2/03*	11534	31	2*,9,13,14,32/02;7/03
602	6	12,47/02;6/03	11343	36	12*,21,24,35,37,39,47, 49/02;4,5,7/03	11428	32	52/02*/6/03	11535	12	12*,25,46/02
603	6	47/02	11344	35	8/03*	11429	21	47/02*	11536	15	19*,40/02;4,7/03
604	5	12,18/02	11345	31	9/03*	11430	24	16/02	11537	33	7*,8,9,13,17,20,23,31,32, 33,39,40,42,44,50/02;4,5, 7/03
605	4	9,12/02;6/03	11346	33	42*,43,47,49/02;4,6,7, 8/03	11431	12	31/02*	11539	18	2,9,39,44,51/02;6/03
606	1	9/02	11347	19	23/02;6,7/03	11432	11	7/03	11541	33	8*,9/03
607	1	7/02	11348	19	23/02;6,7/03	11433	33	6,7/03	11542	15	39/02
621	5	7,22/02	11349	40	38*,42,51/02	11434	24	21/02*	11543	22	13,18,29,39/02;8/03
622	9	9,12,14,20,47/02;6/03	11350	24	15/02*	11435	13	N20/02;N8/03	11544	37	36/02*/8/03
623	9	14,47/02	11351	37	5,6,8,9,10,11,12,15,16, 19,22,27,28,30,33,36,37, 38,40,47,51/02;5,6,7, 8/03	11436	11	7,8/03	11545	60	45*,47/02;6,8/03
624	3	22/02	11352	36	3*,7,8,9/03	11437	30	15/02*,6,7/03	11547	35	22*,25,29,30,37,47/02;6, 8/03
632	8	15,24,45/02	11353	2	21*,24,25,26,35,38,43, 45,49/02;4,5,7/03	11438	30	36/02/7/03	11548	38	47/02*
702	5	7/03	11354	23	5,6,8,12,15,16,19,22,27, 28,33,37,38,40,47,51/02; 7,8/03	11439	25	4,26*,28/02	11553	28	8/03*
703	4	46/02;7/03	11355	36	21*,24,25,26,35,38,43, 45,49/02;4,5,7/03	11440	39	13,36/02;6,7/03	11555	38	36/02*/7/03
705	3	12,46,52/02	11356	34	9,11,12,13,28,29,39,40, 42,45,47,51/02;6,7/03	11442	33	6,7/03	12200	47	38*,42,52/02;7/03
709	2	50/02	11357	35	36*,37,40,42,51/02;6, 9/03	11443	30	7/03	12201	25	N14,N15,N17,N19,N23, N42,N52/02;N7/03
800	4	17/02	11358	51	23*,24,26,27,31,39,42, 51/02;7/03	11444	16	7/03	12204	34	13,20/02
803	1	8,17/02	11359	11	22*,26,39/02	11445	16	7/03	12205	27	37*,43,52/02
1113A		5,20,39,42/02;4,7,8/03	11360	40	1*,2,5,6,8/03	11446	16	28/02/7/03	12206	29	31*,33,38,46/02
1114A		9*,11,23,39/02;4,9/03	11361	69	13*,16,17,19,22,24,25, 26,27,31,34,36,45,51/02; 6/03	11447	37	47*,50/02;4/03	12207	20	2,11,23,50,52/02
1115A		1*,2,5,6,8/03	11362	4	N5,N6,N7,N8,N10,N12, N13,N14,N16,N17,N18, N22,N23,N24,N28,N29, N31,N33,N36,N39,N40, N47/02;N2,N5,N6,N8/03	11448	14	7/03	12208	8	12*,18,23,50,52/02
1116A		2*,5,6,7,8/03	11363	38	26*,29,35,38,40,43,49, 51/02;4,5,7/03	11449	5	5,28/02;7/03	12209	36	8/03*
1117A		28*,30,31,37,39,40,41, 42,45,51/02;1,6,7,8/03	11364	39	3*,4,5,8,9/03	11450	8	26*,28/02	12210	36	8/03*
11004	7	4,7,8,9,10,11,12,13,15, 16,18,22,26,28,31,37,39, 40,42,43,45,47,51/02;5,6, 7,8,9/03	11365	17	52/02*,9/03	11451	30	8*,22,28,43/02;7,9/03	12211	40	15*,27,28,51/02;7/03
11006	30	28*,36,39,40/02;2,6/03	11366	7	48*,51/02;5,6,7,8/03	11452	21	31/02*	12214	43	5,11,12,23,26,27,42/02
11009	36	2*,5,12,19,23,24,32,35, 44,45,51/02;6/03	11367	31	5,12,16,17,25,33/02	11453	16	7/03	12216	27	47/02*
11013	44	18*,20,35,50/02;6,7,8, 9/03	11368	22	38/02*	11454	19	16/02,6/03	12217	73	52/02*,1,4,6,7/03
11300	38	26*,28,30,31,37,39,40, 41,42,45,51/02;1,6,7, 8/03	11369	44	9/03*	11455	31	8/03*	12222	42	13*,27,30,33,34,38,43, 44,46,50,52/02;5,6/03
11301	23	7,10,14,21,37/02	11370	23	2*,5,6,17,31,33,40,45,51/02; 9/03	11456	10	16/02/6/03	12224	23	8/03*
11302	29	34*,37/02	11371	35	9/02/7/03	11457	16	16,27,51/02	12225	53	28*,30,31,47/02;4,6,7/03
11304	12	10/02	11372	17	52/02*,9/03	11458	6	N2,N16/02	12226	16	2*,22,30/02;7/03
11305	1	N6,N7,N11,N21,N26, N29,N36,N46/02;N1,N6, N7/03	11366	7	48*,51/02;5,6,7,8/03	11459	16	2,4,15,16,31,49/02;6/03	12228	29	43/02*
11307	36	9,13,28,31/02	11367	31	5,12,16,17,25,33/02	11460	19	2,4,15,16,31,49/02;6/03	12230	59	52/02*,1,7/03
11308	22	3*,7/03	11368	22	38/02*	11461	19	2,4,15,16,31,49/02;6/03	12231	26	9*,14,31,35,46/02;7/03
11309	36	13*,14,21,26,28,36, 46/02;1,6,7/03	11369	44	9/03*	11462	19	2,4,15,16,31,49/02;6/03	12233	35	3*,4,5,6/03
11310	1	N4,N7,N8,N21,N46/02	11370	23	2*,5,6,17,31,33,40,45,51/02; 9/03	11463	37	6,32,35/02;1/03	12235	29	12*,30,31,47/02;4,6,7/03
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SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/02 THROUGH NM 9/03

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.
12245	60	12*,14,15,27,30,33,38, 46,49,50,52/02;5,6,8/03	13000	N8,N11,N12,N13,N21, N25,N48,N49/02	13325	14	5/02;2/03	14843	22	23,39,51/02	
12248	39	18*,30,33,40,50/02;4,5,6, 8/03	13003	46	9/03*	13326	12	41,43/02	14844	31	4,18/02;4/03
12251	23	10,35/02;4,6,7/03	13006	30	39*,44,48,49,50/02;1,5, 9/03	13392	2	6/03	14845	26	4,18/02;4/03
12252	23	5,33,34/02;4,7/03	13009	30	42*,48,49/02;1,9/03	13394	3	39/02*;9/03	14846	11	18,23,24,39,40/02;2/03
12253	42	9*,33,38,42,46,50/02	13200	33	13*,25,37,48/02;7,9/03	13396	4	13/02*;9/03	14847	30	24,40/02
12254	43	38*,43,44/02	13201	10	N13,N25,N37,N48/02; N9/03	13398	3	19*,36/02	14848	56	9*,23,24,31/02;9/03
12255	15	13*,44/02				14002	57	21/02	14850	51	21*,23/02;7/03
12256	13	19*,33,44/02				14003	6	11,12,13,16,25,48,49/02; 5,9/03	14852	44	9*,20,23,25,26,37/02; 7/03
12257	28	37*,44/02;7/03	13203	12	37/02	14008	76	21/02	14853	13	21*,23,24,25,26,31, 37/02;7,9/03
12263	51	38/02*;7/03	13204	12	13/02	14010	5	21,35/02	14854	13	24/02
12264	28	38/02*;7/03	13205	36	9,12,37,42,45,48/02;1, 5/03	14018	6	16/02	14860	35	8*,21,24/02
12266	27	30/02	13209	23	14,37/02	14024	5	33,36,39/02	14862	28	26/02*
12268	10	22/02*	13211	13	9,21,23,47/02	14040	65	40/02	14863	30	5*,10,24/02
12270	32	9/03*	13212	35	9/03*	14044	44	6/03	14864	26	24,37/02
12272	29	26*,27,36,45/02	13213	39	8,45/02;6/03	14061	27	6,9/03	14865	16	4/03
12273	53	26*,31,36,45,50/02;5/03	13214	27	34*,45,48/02;5/03	14066	19	6/03	14867	25	6,32/02
12274	33	37*,50/02;5/03	13215	17	9,14,45,48/02;1,5/03	14067	11	6/03	14869	26	9/02*
12277	31	26*,50/02;8/03	13216	1	N12,N48/02	14083	30	33/02	14871	2	21/02
12278	72	26*,36,45/02	13217	14	14/02	14087	58	33/02	14872	3	21/02
12280	3	37*,43,45,46,47,50, 52/02;1,6,7/03	13218	38	11,29,42,45,51/02;5/03	14088	10	41/02*	14873	2	35/02
12281	49	15/02	13219	12	14/02	14089	29	41/02*	14880	30	33/02;4/03
12282	33	31*,44/02;7,8/03	13221	53	2,4,15,29,44,51/02;2,5, 7/03	14090	2	33/02	14881	31	28*,33/02
12283	24	3,5/02;8/03	13223	36	2*,15,52/02;2/03	14091	6	41/02*	14883	42	6,17,23/02
12284	15	7/03	13224	36	7*,44/02;5/03	14144	29	21/02	14885	20	51/02
12285	34	27,39,43/02;1,4,5,6/03	13226	5	2,4,5,44/02;6,7/03	14151	2	37/02	14886	10	8/02
12286	29	2*,4,6/03	13227	13	2,4,5/02;7/03	14180	38	21/02	14901	14	52/02*;5/03
12287	17	2/02	13228	11	51,52/02	14185	2	3/02	14902	28	24,25,31/02;4/03
12288	19	2,27/02	13229	27	11,17,39,42,45,52/02;1, 7/03	14203	12	19/02	14903	22	8,23,32/02
12289	47	39/02;5/03	13230	46	2*,7/03	14204	21	19/02	14904	25	5,17,31,32,46/02
12300	42	17,18,19,28,29,37,39,42, 45/02;5/03	13232	4	11,39,42/02	14206	20	19/02	14905	29	31,35,37/02;5/03
12301	21	N20*,N28,N29,N37, N39,N42,N45/02;N5/03	13233	16	17/02	14221	26	40,46/02	14906	23	5/03
12304	42	28*,42,52/02	13235	5	17/02	14222	16	46/02	14907	25	2*,13,17/02
12311	41	2,4,15,18,28,31,42,50, 52/02;8/03	13236	29	45/02;1,7/03	14223	18	3/03	14908	17	13/02
12312	51	4,5,8,9,18,21,27,31,33, 42,43,52/02;4/03	13237	38	2*,15,52/02;7/03	14225	17	38/02	14910	22	25,31/02
12313	48	5,9,14,18,21,27,31,33,43, 52/02	13244	39	22*,48/02;7/03	14226	32	40/02;6/03	14911	20	4/03
12314	30	46*,50/02;5/03	13246	36	11,26,27/02;8/03	14227	28	40/02;6/03	14916	10	45/02*
12316	29	2*,6/03	13253	18	3*,8/03	14228	11	40/02;6/03	14917	23	17/02;3/03
12317	31	15*,26,37,50/02	13260	38	28*,36,43,48,49,50/02;1, 7,9/03	14240	6	16,34/02;1/03	14918	26	25/02
12318	41	9/03*	13263	7	N2,N8,N11,N20,N21, N25,N27,N36,N43,N48, N49/02;N1,N7,N9/03	14242	13	34/02	14919	27	10,24/02
12323	23	19,40/02;4/03	13264	103	5,21,36,49/02;9/03	14243	8	19,34/02	14922	19	26*,51/02;9/03
12324	30	2*,8/03	13267	30	6*,12,17,19,27,52/02;1,7, 9/03	14244	5	19/02	14924	27	28*,32/02;5/03
12326	48	12,17,18,27,28/02;4,8/03	13270	59	2,3,5,9,17,19,33,34,40, 43/02;1,2,7/03	14260	47	35/02	14926	9	18,31,32,35,37/02
12327	96	1*,2,8/03	13272	47	3,11,19,28,40/02;8/03	14280	37	35/02	14927	24	21*,31,32,35,37/02
12331	30	8/03*	13274	24	3,5,17,19,27,45,52/02;1, 2/03	14310	2	52/02	14928	21	4/03*
12332	21	15,22,43,46/02	13275	27	2,5,17,19,27,45,52/02;1, 2,7/03	14340	25	16,17,26,33,37,40,52/02	14929	23	18,31,32/02
12333	32	46*,47/02;5/03	13276	21	19,27,52/02	14342	20	52/02	14930	24	45/02
12334	64	3,22,27,30,33,45/02;1,2, 8/03	13279	25	1,9/03	14344	2	37,40/02	14931	24	35/02*
12335	39	6/02*;1,8/03	13283	29	1/03	14345	5	37,40/02	14932	22	32/02;9/03
12337	22	8,15,20,28,31,45/02	13285	18	11/02;1,9/03	14349	7	16/02	14933	24	35*,37/02
12339	43	5/02	13286	10	11/02	14357	N52/02		14934	26	4,6/02;2/03
12341	25	22/02*	13288	29	39*,40,50/02;1,9/03	14358	N17,N36/02		14935	21	17/02
12343	18	37/02*;7/03	13290	34	2,10,20,36,40,43,50, 51/02;7/03	14386	36	16,26,33,36/02	14937	24	52/02*;2/03
12345	10	42/02*	13297	21	19,27,52/02	14415	4	33/02	14942	25	35/02
12347	29	25/02	13298	24	10,43,52/02	14416	27	52/02*	14963	20	51/02
12348	33	25/02	13299	25	43/02	14419	17	15/02	14965	20	3/03
12350	57	39*,49/02	13301	20	9,25,33,51/02	14467	22	10,02;5/03	14966	24	5/03
12352	29	9*,12,34/02	13302	21	3*,8,9,20,25,41/02;2,7, 9/03	14476	N31/02*		14967	22	10/02;5/03
12354	39	9*,12,14,22,28,33,37, 45/02;2,6,7/03	13308	11	14,40/02	14477	16	15,19/02	14970	25	6,40,46,51/02
12358	19	46*,49/02;1,7/03	13309	28	20*,36,40/02;7/03	14475	N31/02*		14972	25	21/02
12362	16	49/02	13325	11	2/03*	14476	N31/02*		14974	24	32/02
12363	39	2,3,14,18,28,44/02;6/03	13326	25	43/02	14477	N31/02*		14975	33	52/02*
12364	33	20*,22,28,44,47,49, 51/02;4,6/03	13328	10	43,52/02	14482	24	21,22/02	14984	9	18/02*
12365	26	2,18/02;6/03	13330	21	3*,8,9,20,25,41/02;2,7, 9/03	14486	16	22/02	14995	11	52/02*
12366	27	3,14,51/02	13332	12	48/02*;7,9/03	14480	9	19,23/02	15562	N41/02	
12367	23	18/02	13333	12	48/02*;7,9/03	14484	24	5/03	15744	N30/02	
12368	26	42/02*	13335	28	8,25,40,41,49/02;2,7, 9/03	14482	25	24/02	15880	N41/02	
12369	25	31*,44/02	13338	11	14,40/02	14486	27	4/03*	15926	N9/02	
12370	18	39/02*	13308	11	14,40/02	14482	5	21/02	15954	N47/02*	
12371	22	28,47/02;6/03	13309	28	42/02*;9/03	14483	34	52/02*	16003	16	18/02*
12372	31	45*,47,48,49/02;2,5,6/03	13312	20	5,21,36,52/02;9/03	14483	25	7,20,26/02	16004	11	9/02
12373	14	2/03	13313	19	21,25,41,49,52/02;6,9/03	14483	31	39/02	16006	33	6/03
12375	21	22/02	13315	11	19*,49/02	14486	27	42/02*	16011	35	5,38/02;8/03
12377	14	22,25,37/02	13318	18	38*,41,52/02;5,6/03	14487	27	26/02*;3/03	16012	21	38/02
12378	14	2/03	13322	9	19/02*	14488	3	52/02*	16013	28	17,22,29,52/02
12401	7	31*,47/02;2/03	13323	7	5/03	14489	36	9/03*	16041	8	13/02*
12402	8	31*,33,47/02	13324	13	5,41,52/02;2/03	14484	12	4,18,23,39/02;2,4/03	16042	7	39/02*
						14480	29	18,23,39,51/02;2/03	16061	8	19*,27,37,49/02
						14482	34	52/02*	16206	7	2/02
						14483	25	7,20,26/02	16220	5	6/02
						14485	31	39/02	16300	8	52/02;3,8/03
						14486	27	42/02*	16305	9	8/03
						14487					

SECTION I

NM 9/03

CHARTS AFFECTED BY NOTICE TO MARINERS NM 2/02 THROUGH NM 9/03

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.
16382	10	13,17/02	17426	13	37/02;1/03	18446	15	4,6,8/02;6,7,9/03	18680	30	15/02;6/03
16435	5	27/02	17427	7	11,12,14,16/02	18447	26	4,11,27,52/02;6,7/03	18685	31	25/02;6/03
16440	13	37/02	17428	7	5/03	18448	32	12,15,17,33/02	18687	13	8/03*
16441	7	37/02	17429	2	N38/02*	18449	17	15,17/02;7/03	18700	21	8,34,36,37/02;4,6/03
16442	6	3,37/02	17430	10	5/03	18450	17	9/03*	18703	24	13*,36,37/02;4/03
16480	10	38/02	17434	11	11/02;5/03	18452	16	17/02	18704	12	37/02
16500	9	9/03	17437	8	14,16/02	18453	23	28,38/02;6,7/03	18720	31	8,23,35/02;4,6/03
16520	21	2/03	17438	12	10,12,14,16,50/02	18455	2	N17,N22,N39/02	18721	11	8,35/02;6/03
16521	5	27/02	17443	12	8,10/02	18456	19	12/02	18722	3	8/02
16528	16	9/03	17444	4	10,12/02	18457	9	12,15/02	18723	3	8/02;6/03
16529	14	50/02;9/03	17445	2	12,16/02	18458	14	6,7,17,22,32,39/02;9/03	18725	26	4,8,23,35/02;4,6/03
16530	6	50/02	17460		N12/02;N5/03	18459	5	N7,N17,N22,N32, N39/02;N9/03	18740	39	8,16,20,23,34,37,45, 50/02;5,6/03
16531	7	18/02*	17465	4	6/03	18460	11	2*,6,7/03	18741	18	N25,N45,N50/02
16535	12	2/03	17471		N15/02;N6/03	18464	22	9,32/02;7/03	18744	30	37/02
16549	14	4/03	17472	4	5/03	18465	35	2/03*	18746	34	7*,20,23,34/02;5/03
16556	4	8/03*	17480	4	8,15,43/02;5/03	18468	17	7/03	18749	38	7*,10,16,18,20,23,25,27, 40/02;5,6/03
16566	10	17/02	17482		N7/03	18471	8	13*,32/02;7/03	18751	42	7*,10,16,20,25,27,40/02; 5,6/03
16568	12	39/02*	17485	4	16/02	18473	7	4/03*	18754	16	36/02
16575	1	39/02	17489	19	8,43/02	18474	7	45/02*;7/03	18758	6	35/02*
16576	3	42/02;6/03	17491	3	8/02	18476	4	6,7,12,17,22,32,39/02;7, 9/03	18760	6	N8,N16,N23,N34,N35, N45,N50/02;N6/03
16580	11	39/02	17495	2	8,43/02	18477	5	4,12/02;7/03	18761	2	N20/02
16590	10	38/02*	17503	4	11,43/02	18480	29	2*,6,7/03	18762	15	20/02
16594	13	2/03	17506		N8/02	18484	10	28,40/02	18763	9	20/02
16595	14	2/03	17513		N8,N11,N42,N43/02	18485	15	2/03*	18765	15	18*,25,45,50/02
16596	12	39/02*	17515	7	8,11,12/02;6/03	18500	28	19*,22,32,39/02	18766	7	25,45,50/02
16597	8	16,43/02	17517	8	4/02;6/03	18502	84	30*,32,39,42,49/02;9/03	18768	4	N25,N45,N50/02
16598	9	43/02	17518	7	6,P44,48/02	18504	64	18*,52/02	18771	2	N20/02
16599	6	16,43/02	17519	13	4/02	18520	24	10,33,39/02	18772	46	20,25,50/02
16603	7	42/02;6/03	17520	2	N4/02;N6/03	18521	69	34*,39,49/02;4/03	18773	38	4,8,18,20,23,25,50/02
16604	11	22/02*	17521		N8/02	18523	53	3,7,10,12,15,25,26,33/02; 4/03	18774	10	35/02*
16606	11	37/02*	17525		N8/02	18524	33	18*,26,28,31,33/02;4, 6/03	18775	2	N20/02
16608	3	6/03	17528		N8,N43/02;N6/03	18525	33	4,7,11,14,15,28,31,33/02;	19002	9	N23,N25,N37,N51/02
16645	18	13/02*	17541	3	8,43/02	18526	55	4,7,11,15,16,28,31,33/02; 4/03	19004	36	23,25,35,37,51/02
16646	12	5/02*;8/03	17542	6	47/02	18527	21	16,31/02	19007	16	51/02
16660	28	7,13,22,25,29,42/02;6/03	17543	17	9,11,13,41/02	18528	10	52/02*	19010	17	45*,51/02
16662	6	3,22,29/02	17545	13	9,43,47/02	18529	10	52/02*	19013	16	25,51/02
16663	6	3,7,13,22,25,29,42/02;	17546	22	9,13,42,43,47/02	18531	20	7*,11,26,31,34/02;9/03	19320	16	23,27,35,37,51/02;5/03
16665	7	7,13,22,25,29,42/02;6/03	17549	6	13,47/02	18532	20	7/02*	19324	22	27,35/02;5/03
16680	10	6/02;6/03	17550	4	15,42,43,P44,45,47,48, 52/02	18541	8	21/02*	19327	10	23/02
16681	10	37/02*	18000	8	8,45/02;6/03	18548	5	8/03*	19330	9	6/02*
16682	15	8/03*	18002		N8,N45/02;N2;N6/03	18558	37	19*,39/02	19339	1	N25,N35,N49,N51/02;
16683	9	3,6/03	18003	18	10,26,33,38,39,40,P44, 45,47,48,52/02	18561	11	10,33,39/02	19340	26	25,35,49,51/02;5/03
16700	27	21*,49,52/02;9/03	18005	4	N6,N8,N20,N34/02;	18580	21	10,26,33,38,39/02	19341	9	7/02*
16701	18	21*,52/02;9/03	18006	3	N6/03	18581	17	49/02*/4/03	19347	17	25/02
16702	10	8,38,52/02;1,9/03	18007	31	6,10,14,20,26,33,34,37, 38,39,40,47,52/02	18583	20	7,30,33,34,42,49/02	19350	11	27/02
16705	19	5*,49/02	18020	36	6,8,20,34,37,45/02;6/03	18584	47	7,30,39,49/02;4,6/03	19351	9	25/02
16707	10	34,37/02	18022	33	13*,23,34,37,45/02;6/03	18587	68	7,11,14,25,30,33,39, 42/02;4,6,9/03	19357	22	42*,49,51/02;5/03
16708	25	37,49/02	18040	43	2*,6/03	18588	36	32,33,49/02	19360	1	N37,N51/02
16709	22	15*,49/02	18008	7	N6,N10,N14,N20,N26, N33,N34,N37,N38,N39,	18600	14	15*,33,37,38,40,40/02	19362	12	49/02
16711	2	15/02*			N40,N47,N52/02	18601	13	6/02*	19366	36	13*,31,49/02;5/03
16713	2	13*,49/02	18009	2	N34/02;N6/03	18602	11	26,33,32/02	19367	37	22,31,49/02
16741	9	46/02	18010	20	6,33,34,37,38,39,40/02;	18603	16	9/03*	19369	5	22,31,49/02
16760	10	51/02			6/03	18620	23	35/02*	19379	1	N25,N51/02;N5/03
16762	9	26/02*	18042	2	4/02	18622	52	26,28,49/02	19380	14	25,51/02;5/03
17003	4	8,9,47,52/02	18403	21	4/02;6/03	18623	11	34/02	19381	8	25,49,51/02
17005	10	8,9,11,41,45,47,52/02	18405	12	43/02	18625	15	37/02	19383	17	49/02;5/03
17008	12	8,13,43/02	18406	5	5/02	18640	24	13,15,24/02	19385	7	20/02*
17300	30	52/02*	18401	12	5/02	18643	16	24,49/02	19387	9	N25/02
17302	18	21*,51/02	18402	22	4/02	18645	24	15,19,50/02	19402	6	9/03*
17303	9	15,37/02	18403	21	4/02;6/03	18647	15	2/03*	19421	7	8/03*
17315	23	2/03*	18405	12	43/02	18649	62	3,8,11,12,15,19,20,23,33, 36,38,41/02;4,6/03	21005	5	45/02;2/03
17316	20	28/02*;3/03	18406	5	5/02	18650	51	28*,33,38,41,49/02;4/03	21008	62	39,42,43,50/02;1,2/03
17320	15	15/02	18407	5	4,8/02	18651	41	12/02;4/03	21011	5	2/03
17327	20	5/03	18409	8	11/02	18652	31	2*,8,11,18,19,20,23,26, 27,30,33,38,41,49/02;4,6,6/03	21017	50	23,41,50/02;4,5,6,9/03
17330	7	15/02	18414	9	8/02	18653	9	3,8,11,15,19,36,38,41/02;	21020	42	23,41/02;5,6,7/03
17360	32	44/02;1,6,8/03	18415	8	5,13,42/02;7/03	18654	42	28*,38,49/02	21021	3	45/02
17372	10	2/02	18416	6	10,P44,48/02	18655	58	10*,19,49/02	21023	41	5,34/02;7,8,9/03
17379	1	15*,20/02	18419	11	47/02	18656	52	19,23,26,27,30,32/02;4,7/03	21026	47	5,13/02
17381	10	13/02*	18420	1	13/02	18657	18	19,26,27,30,32/02;4/03	21033	46	14,20,32/02;1/03
17382	14	44/02;1,6,8/03	18421	45	2/03*	18658	29	23,26,27/02;4/03	21036	7	1/03
17383	1	31*,49/02;8/03	18423	33	1*,5,7,9/03	18659	14	26,30,49/02;7/03	21120	27	47,50,51,52/02
17384	7	44/02	18424	25	7/03	18660	1	30,49/02;7/03	21121	18	47/02
17385	13	44,48/02	18427	21	35/02*;7/03	18661	26	23,27,30,32/02;4,7/03	21122	5	47/02
17400	16	14,15,36/02	18428	9	19/02*	18662	20	30/02;7/03	21125	13	51,52/02
17401	10	1/03	18429	9	3/03*	18663	4	23,27/02;4/03	21126	1	50/02
17402	10	46/02*	18430	7	28/02*;6,7/03	18664	1	30,49/02;7/03	21140	1	45,50/02
17409	10	39/02*	18431	6	2/03*	18665	58	10*,19,49/02	21141	23	48/02
17412	2	12/02	18432	4	5/02;7/03	18666	1	30,49/02;7/03	21160	1	45/02
17413	2	13,14,43,50/02	18433	5	2/03*	18667	1	30,49/02;7/03	21161	19	43,48/02
17414	3	41/02	18434	4	15,26,P44,48/02;6,9/03	18668	1	27/02;4/03	21180	1	2,7/03
17416	3	13/02	18440	26	3/03*						
17420	26	14,36,37,42,43,50/02;	18441	42	30*,32,39/02						

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/02 THROUGH NM 9/03

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.
21182	34	39/02	22375		N19/02	24200	14	6/02	25575	4	4,31/02
21200	1	2/03	22379	1	N50/02	24211	7	24/02	25600	47	24/02
21301	13	3/03	22381		N19,N43/02	24220	14	27,28/02	25601	34	10,17,19,20/02
21342	28	41,44/02	22395	2	4,19,42/02	24222	3	27/02	25607	4	24,39/02
21384	3	23/02;6/03	22403	1	N45/02	24223	33	18/02	25608	21	10,17/02
21401	20	7/03	22404	15	46/02	24230	20	10,18,30/02	25609	5	30/02
21441	27	34,44/02	22406	1	N1/03	24233	15	36,43/02	25613	2	5,14,30/02
21478	3	9/03	22407	1	N4/03	24234	3	30/02	25640	40	28/02*
21489	1	13/02	22409	4	N45/02	24240	5	30,39/02;7/03	25641	26	5*,30/02
21500	1	5/02	22410	32	4,7,11,43,44,46/02	24250	5	30,39/02;7/03	25644	12	42/02
21510	1	13/02;9/03	22412	2	7/02	24251	23	24,34,43/02;6/03	25645	17	15/02*
21520	1	5/02	22413		N45/02	24252	5	30,39,43/02;6/03	25646	7	N42/02
21521	14	5/02	22418	2	24,36,44,46/02	24260	5	34/02	25649	18	18,30,35/02;4/03
21529	1	14/02	22420	2	4/03	24270	3	24,27/02	25650	33	22*,30/02
21540	36	5/02	22421	4	N4,N7,N11,N43,N44,	24290	3	36,43/02	25653	13	8/03*
21563	3	45/02			N46/02	24291	4	36/02	25663	27	19/02*
21601	4	14/02	22425	2	7,11,44,46/02	24292	4	36/02	25668	18	15*,16,48/02
21602	1	28/02	22427	1	N4,N43,N44,N46,	24293	6	6,32,36/02	25670	41	26,38,48,49/02;4,5/03
21603	9	5/03			N50/02	24294	22	6,36/02	25673	15	28,42/02
21605	7	19/02	22429		N24,N46/02	24311	4	27/02	25677	19	4,21,52/02
21661	12	6/03	22433	3	39,47/02	24312	4	27/02	25681	15	4/02;4/03
22004	38	18,20,23,30,32,34,36,39, 41,43,52/02	22436	2	39/02	24320	4	27,28,34,43/02;6/03	25683	17	30,49,52/02;5/03
22008	35	4,13,18,30,34,36,39,41, 43,44,48,52/02;6/03	22471	31	18,44/02	24321	3	6/03	25687	11	12,15,35/02
22012	31	4,14,16,30,34/02;6/03	22481	35	43,44/02	24322	6	28,34/02;6/03	25700	3	8,12/02
22036	28	18,47/02	22482	16	44,50/02	24350	2	31,51/02	25710	2	8,12/02
22050	4	19/02			23000	5	18/02	25720	3	8,12,33/02	
22051	18	28/02	22492		N24,N46/02	24355	2	51/02	25723	40	8/02
22052	6	28,46/02	22493	3	39,47/02	24370	1	34/02	25724	3	8/02
22080	3	20,32/02	22494	2	39/02	24375	2	34/02	25800	3	24,36/02
22082	4	4,17,19/02	23010	4	27,38/02	24380	2	35/02	25803	16	12/02
22083	5	19/02	23023	4	27/02	24388	2	35/02	25841	9	8,10,24,36/02
22084	4	42/02	23030	6	27,38/02	24404	8	14,21,26,35,44,48/02	25842	10	8/02
22090	2	30,32,43/02;4/03	23115	3	27/02	24405	10	14,26,35,36,44,48/02	25845	9	8/02
22100	3	20,32/02	23121	7	30/02	24406	30	20,26/02;2/03	25848	25	8/02;5/03
22101	19	16,20,32,43/02	23122	8	23,30,33/02	24408	21	4,14,36,44,48/02	25849	13	8,42/02
22111	4	32/02	23123	3	30/02	24410	2	21,44/02	26001	4	9/03
22112	3	23,25,30,32,43/02	23124	3	N30/02	24423	2	6,8/02	26050	1	13,34/02
22113	8	23,25,30/02	23125	4	30/02	24430	5	39/02;8/03	26060	1	49/02
22114	5	16,32,42,43/02	23126	6	20,37,52/02	24431	14	39/02	26081	8	46/02
22120	3	8,18,23,30,34,36,39,41, 43,52/02	23127	4	N24/02*	24434	4	39/02	26083	14	29/02
22121	9	6,8,17,23,30,34,36,44, 52/02	23128	4	N24/02*	24444	2	6/02	26127	21	5,49/02;5/03
22124	2	17,34,52/02;6/03	23129	2	N24/02*	24450	3	16,26/02	26128	50	5,49/02;5/03
22125	1	18,36/02	23131	7	26,31/02	24454	5	5/03	26129	11	4,26/02
22126	1	36/02	23141	7	34/02	24460	4	15,17,39,47/02	26140	2	8/02
22130	2	44/02	23142	10	8/03	24462	5	15,47/02	26142	10	8,24,33/02
22138	2	8,18,41,44,48/02;6/03	23152	3	37/02	24463	6	24,39/02	26143	10	8/02
22140	2	4,30,34,36,44/02	23153	8	20,31/02	24465	6	15,23,33,47/02	26145	10	8/02
22142	2	39,41,43/02	23155		24000	36	5,7,29,30/02	26147	31	8,10,13/02	
22143	3	6,8,17,41,52/02	23156		24008	42	7/02	26148	4	8,13/02	
22145	2	N41/02	23157		24012	40	6/02	26210	2	24,36/02	
22160	2	4,30,34,39,41,48,52/02	23158		24016	53	30,39/02	26229	11	17/02	
22170	3	13*,30,39/02;6/03	23159		24020	47	27/02	26230	12	17/02	
22172	8	48/02*/4,6/03	23160		24028	6	23,48/02	26240	7	23/02;9/03	
22173	36	48/02*/6/03	23161		24050	11	27,31,34,38,49/02	26244	3	9/03	
22180	2	30,34/02	23162		24052	15	31,37,38/02	26245	16	51/02	
22181	16	17,27,39,41/02	23163	5	29/02	24484	3	24,49/02	26259	2	51/02
22182	6	7,8,30,34/02	23164	6	26/02;6/03	24494	3	24,49/02	26260	5	12,24/02
22183	3	20/02	23165	14	26/02;6/03	24495	20	31,46/02	26261	27	8/03
22190	2	30/02	23166	5	27,29/02	24501	3	14,17,27/02	26262	3	8/03
22205	2	14,16/02	23167	5	37,41/02	24502	6	46/02	26280	7	8,23/02
22221	20	20/02	23168	3	37,41/02	24504	7	17,41,45,46/02	26282	6	8/02
22222	1	4/03	23169	3	27,29/02	24508	2	18,19,41,45,46/02	26284	3	8/02
22250	2	42/02	23170	14	24,29/02;5/03	24509	2	17,45,50/02	26290	1	8/02
22259	4	20/02	23171	13	10/02	24510	2	17,18,19,41,45,46,50/02	26303	4	13/02**
22264	2	20,42/02	23172	18	4,32/02	24512	3	25,29,44,46/02	26305	4	13/02**
22275	3	20,42/02	23173	4	5/03	24513	18	46/02	26306	14	8/02
22282	17	19/02	23174	43	5,6/03	24515	2	18,19,46,49/02	26308	4	8,15/02
22283	3	N19/02	23175	1	32/02	24517	7	9,12,17,19/02	26309	26	8,17/02
22290	4	20/02	23176	27	6,27,29,30,32/02	25001	7	11/02/*	26320	5	5,8,12,15,24,27,28,29, 35/02;7/03
22293	15	20/02	23177	4	29,32/02	25484	23	11/02/*	26323	4	1/03
22311	19	8/03	23178	2	30/02	25485	45	23,26/02	26327	2	N41/02*
22313	2	44/02;8/03	23179	6	10,30/02	25487	2	23,26/02	26328	2	15/02
22314	1	44/02	23180	12	10/02	25524	43	11,33/02;1,5/03	27005	4	5,8,9,12/02;6,8,9/03
22341	9	19,43/02	23181	2	22/02	25525	17	1,5/03	27040	5	9/03
22342	9	19/02	23182	1	27/02	25526	2	11,19,33/02	27041	4	50/02
22343	1	N19,N43/02	23183	21	6,27,28/02	25527	31	11,33/02	27080	4	5,20/02
22344	5	N42/02	23184	11	11,27,42/02;7/03	25528	5	21,42/02	27081	6	49/02
22345	11	42/02	23185	9	4,11,22,27,42/02;6,7/03	25550	2	17,19,24/02	27082	6	9,18,49,51/02
22347	5	N19/02	23186	6	10,27/02	25563	50	17,33/02	27100	2	31/02;8/03
22351	1	N43/02	23187	14	5,6/03	25565	7	33/02	27120	4	41,43,44/02
22361	2	N7/02	23188	19	5,6/03	25566	27	17/02	27142	5	9/03
22371	5	7/02	23189	4	5,6/03	25567	16	19/02	27160	2	8/03
22373	1	N50/02	23190	15	8/03	25570	3	19,31/02	27161	4	8/03
									27163	21	9,49/02;8/03
									27183	8	5/02;1,9/03
									27186	8	5/02;1,9/03

SECTION I

NM 9/03

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/02 THROUGH NM 9/03

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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.
28004	1	5,20,23,45/02;8,9/03	35310	2	12,22/02	37084	9	20,22,38,40,43/02	37320	16	12,18,26,27,28,38,44/02;9/03
28006	1	8/03	35330	2	4,12,22,38,41/02	37085	8	38,40/02	37325	8	14,18,34,39,47/02
28050	3	13,28,34/02	35350	2	7,38,41/02	37086	8	38,50/02;4/03	37326	2	11,12,34,47,51/02
28110	2	15/02*	35390	2	12/02	37087	7	38,40/02	37328	2	12,18,42,44/02
28150	3	8/03	35400	11	8,12,30/02	37088	9	5/03	37330	2	22,24,26,30,32,34,38,40,46/02;9/03
28162	29	28/02	35402	3	38/02	37089	12	21,28/02;4/03	37342	3	17,32/02;2/03
28164	17	28/02	35405	2	8/02	37090	8	7,14,27,32,45,51/02;1,7,9/03	37343	10	11,45/02
28170	1	4/02	35420	13	12,24,30/02	37095	3	13,14,15,17,18,24,28,32/02;1,7,9/03	37344	11	17,32,34/02
28190	2	41,43,45,46/02	35421	14	31/02	37101	9	6,15,18,27/02	37360	15	15,17,27,28,30,32,34,43/02;2,9/03
28196	4	41,43,45/02	35423	6	31/02	37103	9	12,13,15,27/02	37362	6	12,17,31,43,48,51/02;1,2,4/03
28197	4	45/02	35424	3	30/02	37104	3	12,13,41/02	37363	8	11,48/02;4/03
28202	22	41,44/02	36005	2	6,7,12,13,14,15,17,24,27,28,34,36,38,45,46/02	37106	4	12,13/02	37367	1	38,49/02
28210	2	33,35,39,41/02	36010	27	8,12,16,19,20,22,24,38/02;5/03	37110	11	6,12,13,15,17,18,19,24,27,28,29,47/02	37380	2	12,15,17,34,40,42,43,44,48,51/02;9/03
28220	1	35,39/02	36015	2	13,17,24,27,36,46/02	37112	1	47/02	37400	10	9,15,28,34,38,40,41,44,46/02;6/03
28221	18	33,37,39/02;5/03	36040	16	12,19,30/02;1/03	37115	2	6,12,13,15,17,18,19,27,28,29,33,47/02;7/03	37401	9	9,28,32,44/02;4,6/03
28223	4	35,39/02	36046	5	38/02	37119	2	43/02	37402	7	28,32,41,42,44,50/02;4/03
28260	30	35,37/02	36060	17	8,12,16,19,31,38/02;5,8/03	37120	2	12,13,15,19,24,27,29,39,42,49,51/02;4,6/03	37411	23	12,24/02
28263	3	35,37/02	36061	5	46/02	37121	11	12,13,15,24,27,29,31/02	37420	1	9,12,34,43/02;1,7/03
28264	3	35,37/02	36062	11	40*,46/02	37122	12	48/02	37441	4	9,12,15/02
28265	3	37/02	36081	16	12/02	37123	9	19,49/02;6/03	37443	2	9,12/02
28281	32	36/02	36098	6	5/03	37125	15	15,19,24,42,49/02;6,9/03	37445	1	12,48/02;1/03
28282	2	35/02	36106	7	18,47/02;5/03	37126	8	15,41/02	37446	2	1/03
28300	1	23,39,50/02	36117	6	18/02	37127	11	49/02;4,6/03	37461	9	51/02;6/03
28302	16	31,33,39,40/02	36118	3	5/03	37129	6	39,42,49/02;4,6/03	37463	6	1/03
28310	2	23,31,33,35,39/02	36120	9	16,19,20,22,31,46/02;5,8/03	37133	4	44/02	37481	7	47,48/02;6,7/03
28320	6	33/02	36139	4	4/03	37134	5	38/02	37501	3	46,47/02;7,8/03
28321	36	29/02	36140	12	13,21,22,24,36,41/02;4/03	37136	6	38,46,50,51/02	37505	2	46/02;7/03
28323	2	27,29/02	36141	7	4/03	37137	6	46,48/02	37506	4	45,46,47,51/02;8/03
28325	2	27,29/02;5/03	36142	12	16,19,21/02	37139	8	18,23/02;1/03	38030	1	9,10,20,21/02
28330	2	27/02	36143	25	16,19,21,46/02	37140	33	15,17,19,21,22,24,27,29,31,35,39,45,51/02;4,6/03	38040	5	12/02
29015	5	2,22/02	36144	7	4/03	37141	29	20,21,23,36,40,48,51/02;1,4/03	38041	1	12/02
29121	5	32/02	36145	6	24/02	37145	23	46,50/02;4/03	38044	N12/02	
29122	5	32/02	36146	4	38/02	37147	15	13,21,35,36,40/02;1/03	38100	4	12/02
29142	3	7/03	36148	3	39/02;4/03	37148	13	17,21,35,38/02;4/03	38103	N12/02	
35000	26	11,13,23,24,47,48/02	36149	4	4/03	37149	10	44/02	38105	N12/02	
35008	21	45,48,50/02;5/03	36150	12	13,21,22,24,36,41/02;4/03	37150	8	13,16,21,22,31/02	38460	7	18/02
35009	19	15,40,41,45/02;5/03	36151	10	13,20,24,34,44,45,47,50/02;4/03	37151	14	13,18,21,22,31,34,43/02;1/03	38463	2	N18/02
35011	2	11,48/02;1/03	36152	18	7,34,38,44,46/02;8/03	37162	12	11,12,15,16,17,26/02	38480	6	18/02
35016	17	12,29/02	36164	6	17,18,20,22,24,28,36,44/02	37163	19	11,13/02	38580	8	12/02
35031	3	12,22/02	36165	6	17,18,20,22,24,28,36,44/02	37164	4	15/02	38603	2	4,17,21/02
35032	16	12/02	36167	2	24,40/02	37165	2	5,8,9,15,17,18,20,21,34,36/02	38610	1	20/02
35036	21	13,17,19,24,30,36/02	36173	1	40/02	37166	2	8,11,12,15,16,17,26/02	38670	2	9/02
35040	18	21,45/02;4,8/03	36178	6	13,20,36,40/02	37170	11	38/02	38683	3	9/02
35041	8	21,35/02;4/03	36180	23	13,17,20,21,22,33,36,40,50/02;4/03	37175	2	5/03	38690	2	10/02
35042	9	21,27,44/02;4/03	36181	13	20,31,34,35,38,44,45,47,50/02;4/03	37176	2	21,38/02	41060	3	34/02
35044	9	38/02	36184	7	7,34,38,44,46/02;8/03	37178	14	35,47,48/02	42160	3	7/03
35047	5	13,35/02	36185	6	17,18,20,22,24,28,36,44/02	37179	19	35,48,51/02	42620	5	12/02
35060	14	18,22,40,41/02	36186	6	17,18,20,22,24,28,36,44/02	37180	20	21,38/02	42740	5	2,12,34,41/02;6/03
35080	16	18,22,40/02	36187	2	24,40/02	37182	14	35,47,48/02	42742	3	2/02;6,8/03
35084	15	50/02	36188	1	40/02	37183	9	48,51/02	42760	5	2,12,02;8/03
35086	5	31/02	36189	23	13,17,20,21,22,33,36,40,50/02;4/03	37184	8	48/02;5/03	42762	3	N12/02
35088	2	50/02	36190	18	17,20,21,22,33,36,40,50/02;4/03	37200	15	18/02	42763	4	9/03
35099	3	41/02	36191	18	17,20,21,22,33,36,40,50/02;4/03	37202	2	13,18/02	43000	4	9/03
35100	14	40,45/02;5/03	36192	23	15,16,17,18,23,26,41,45,47,48/02	37205	2	39/02	43015	12	9/03
35101	6	41/02	36193	4	4/03	37221	13	5,8,9,11,12,15,16,17,18,20,21,24,25,27,28,34,36/02;6/03	43030	24	11,25,28/02;2,9/03
35103	5	41/02	36194	2	9,12/02;1,6/03	37222	13	15,27,28/02	43040	6	2/02
35120	13	40,45,47/02;5/03	36195	2	47/02	37223	14	26,42/02	43059	3	44/02
35130	3	48,51/02;5/03	36196	15	17,20,27,50/02	37224	11	15/02	43060	4	44/02
35135	1	5/03	36197	5	7/03	37226	17	5,9,11,15,16,17,19,20,21,25,28,30,39/02;8,9/03	43079	2	41/02
35136	2	48,51/02	37010	23	15,16,17,18,23,26,41,45,47,48/02	37228	14	5,8,13,21,24,27/02;8/03	43082	5	41/02
35141	11	34/02	37025	26	38,51/02;1/03	37229	15	16,17,20,21,22,23,27,28,30,39/02;8/03	43101	3	46/02
35143	7	34/02	37032	2	9,12/02;1,6/03	37230	14	16,18,24,25,29,39/02	43102	4	46/02
35150	3	48/02	37033	2	47/02	37231	18	9,12,15,20,21,25,28,30/02;6/03	43104	4	46/02
35155	3	11/02	37034	2	8/03	37232	12	12,15,16,21/02	43106	6	44/02
35159	3	25/44/02	37041	15	17,20,27,50/02	37233	13	15/02	43140	4	17,41,48,52/02
35163	7	25,44/02	37042	5	17,41,45/02	37235	11	15/02	43141	5	52/02
35166	4	35/02	37043	17	13,17,20,43/02	37241	17	13,16,17,26/02	43144	4	17/02;6/03
35167	3	35/02	37044	16	14,45/02	37242	10	13,15,20/02	43145	4	17/02
35169	2	35/02	37045	11	45/02	37244	11	8,11,16,17,26/02	43146	2	48/02
35200	7	48,51/02;5/03	37046	3	18,21,31,43/02	37246	14	13,15/02	43150	2	N17/02
35210	3	29/02	37047	6	14/02	37248	18	12,39/02	43160	6	17/02
35236	2	7,38,50/02	37050	9	18,26,42,46/02	37258	4	15/02;1/03	43161	2	17,41,44/02
35246	3	38,43/02	37060	3	13,17,21,31,46,50/02;9/03	37261	10	15,28/02;1,7/03	43162	4	41/02
35247	4	50/02	37061	15	36,38/02;5/03	37262	20	1/03	43163	3	44/02
35255	3	50/02	37063	21	7,16,21,28,36,50/02	37264	3	30/02;6/03	43164	3	17,48/02;6/03
35270	2	38,46/02	37064	8	17/02*	37265	3	18,24/02;1,7/03	43180	5	9/03
35276	3	46/02	37065	7	19/02*	37266	10	15/02;1/03	43182	4	47,52/02
35277	3	38,46/02	37075	3	7,21,31,02;5/03	37267	4	41/02	43223	4	41/02
35279	3	38									

SECTION I

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/02 THROUGH NM 9/03**

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.
43243	4	50,51/02	44180	6	18,20,24,29,34,45,46/02;	51164	18	38,45,46,50/02;2,4,8/03	53107	16	35/02;6/03
43248	3	9/03			1,2,5,7,8,9/03	51165	8	25,45,50/02;2,4,8/03	53110	1	29,40/02
43263	7	44/02	44181	5	5/03	51166	3	N25,N45/02	53111	3	31,44/02*
43265	2	44,52/02	44182	4	21,48,49/02;1,2/03	51167	6	45,50/02;2,4,8/03	53120	14	13,18,20,21,27,28,39, 42/02;5,6,7/03
43270	2	44/02	44183	6	48/02;1,6,8,9/03	51168	2	45,46,50/02;2,4,8/03	53122	3	20,29,40/02;7,8/03
43280	5	44/02	44184	9	21,45,49/02;1,2/03	51222	6	51/02	53123	3	7/03
43281	6	20/02*	44185	7	45,49/02;1,2/03	51225	3	27/02	53125	2	46,51/02
43284	4	16,51/02	44186	2	21,45,46,48/02;1,2,5,8, 9/03	51240	2	33/02	53130	1	27,42,47/02
43285	5	15,16,44/02				51260	4	37,50/02	53133	3	6*,41,46/02
43300	5	15,44,47,50/02	44187	2	21/02;5,6,9/03	51261	23	5,6/03	53135	2	20,51/02;7/03
43301	4	15,45,50/02	44192	1	21,29,46,48/02;1/03	51263	23	49/02	53141	5	20,24,34,51,52/02
43302	4	44,47,50/02	44193	1	26/02;1,7,03	51300	4	27/02	53147	3	36,39,42,51/02;6,7/03
43303	4	41,47,50,51/02	44200	9	20,24,29,34,52/02;4,9/03	51320	3	12/02	53149	2	31/02
43304	2	44,47,50/02	44203	1	20,24,33,48/02;2,5/03	51341	23	48/02;6/03	53160	14	20,51/02;3,6/03
43321	6	30,41,47/02	44204	1	5,48,52/02;2,4,5,7/03	51342	3	1/03	53161	8	51/02;3,8/03
43323	4	30/02	44205	2	48,52/02;2,5,7/03	51344	2	5,7/03	53162	7	50/02*
43324	4	30/02	44206	1	46/02;4,5/03	51380	5	47/02	53164	9	20,37,51/02
43341	7	41/02	44207	1	4,5/03	51559	3	41/02	53165	13	39/02;8/03
43345	4	1/03	44220	5	46/02;4,5/03	52031	1	6/03	53180	10	2,33,34,43,51/02;1,3,6, 7/03
43360	21	17,28/02;6/03	44223	1	6/03	52039	4	5*,7,8,9/03			
43363	5	45/02	44224	1	49/02;5/03	52040	17	43,50/02	53181	4	2,34/02;1/03
43364	5	45,46/02	44240	8	49,50/02;4,7/03	52043	21	46/02;6,7/03	53182	4	36/02
43371	13	22/02	44243	2	25/02;5/03	52045	6	36/02	53183	13	19*,35/02
43372	4	22/02	44260	7	29/02;2,5,6/03	52046	21	50/02;6,7/03	53184	5	32,35/02;1,6/03
43373	8	45/02	44280	9	29,34,49,50/02;2,6/03	52047	11	7,8/03	53200	6	2,3,33,36,43/02;5,6,7/03
43374	1	22/02	44281	2	49/02	52048	3	8/03	53201	6	51/02
43375	7	46/02;6,7/03	44282	1	49,50/02	52051	1	43/02	53203	11	3/02;5,03
43384	1	48/02;4,5,6,7/03	44283	2	50/02;8/03	52052	1	43/02	53204	10	3,44/02;5/03
43385	1	5,27,45,48/02;5/03	44284	2	41/02;6/03	52060	16	43,50,51/02;7/03	53205	3	5/03
44001	2	48,49/02;1,6,7,8,9/03	44285	1	2/03	52061	2	45,48,51/02;7/03	53206	6	17/02;5/03
44015	8	28,31,48,49/02;6,7,8, 9/03	44286	1	2/03	52062	7	7/03	53220	6	2,36,43,51/02;5/03
44030	7	20,46/02;4,8,9/03	44310	5	20,29,41,42/02;7/03	52066	3	50/02	53223	5	29/02
44036	5	28/02	44313	1	27,41,47/02	52080	14	50,51/02;4,7/03	53226	3	3/03*
44038	5	18/02	44319	2	21,41,42/02;4,6,9/03	52082	3	45,46,48/02	53242	12	2,52/02;1/03
44040	23	28,44/02;6/03	44320	4	13,23,29/02;6,8,9/03	52083	2	45,46,51/02;1/03	53244	2	2/02;1/03
44041	7	48/02;1,9/03	44321	6	13,19,22,23,29,32,40/02; 6,8/03	52084	2	45/02;4/03	53262	7	22,42/02
44042	7	21,44,45,49/02;4,7,9/03	44340	11	13,16,20,21,37/02;4,6,8, 9/03	52085	3	50,51/02;4/03	53263	1	37/02
44043	8	44/02;1,6,9/03				52086	2	45,50,51/01;1,4,9/03	53265	6	19,35,41,46,52/02
44044	6	6/03	44341	7	13,25,37,41/02;7,9/03	52087	1	51/02	53266	4	1,8/03
44046	10	18/02	44342	8	6,13,37,41/02;6/03	52088	2	45/02;4/03	53268	4	22,42/02;7/03
44047	22	8,26,44/02	44352	2	4,6,7,8/03	52092	1	46,51/02	53269	5	19/02
44048	11	8/02;5/03	44360	9	8,16,20,21,34,37,41, 42/02;4,9/03	52120	12	32,51/02;6/03	53279	3	9/02;7/03
44049	9	18,44,46,50/02;8/03				52121	8	45,46/02;1,6,8/03	53281	4	31,40,52/02
44050	21	8,18/02	44361	6	21,27,02;4/03	52122	14	45/02	53282	8	40/02
44051	1	44,48,50/02;1/03	44365	1	7,8/03	52124	1	51/02	53283	4	33,52/02
44055	5	8,13,21,25/02	44366	1	34,41/02	52125	1	45,46/02;8/03	53284	4	33,40/02;7/03
44061	21	8,18,21/02	44367	2	15,16,18,20,22,25,26,29, 35,37,40/02;6/03	52140	6	48,50/02;3/03	53285	4	35/02;7/03
44062	8	8/02	44400	4	48/02;4,6,7,8,9/03	52141	5	48/02	53287	6	20,27,35,42/02;1,5,7, 8/03
44063	8	13,21/02	44401	7	13/02*	52144	5	50/02;3,7,8/03	53290	1	35/02
44064	19	8/02	44410	4	4,6/03	52161	14	6/03	53301	4	27/02
44065	7	5,11,15,16,20,25,30, 42/02	44420	6	5,36,49/02;8,9/03	52172	2	3,11,40/02;1/03	53302	4	51/02
44066	10	16,20,27,39/02	44430	2	4,6,16,17,28/02;6/03	52180	14	21,22,42,43,51/02;1, 8/03	53303	6	49,51/02
44067	22	5,8,11,16,21,25,29/02	44444	6	31/02;9/03	52186	3	3/02	53306	2	21,39/02
44068	11	11,13,17,18,20,24,26, 44/02	44461	10	4,6,8,12,16,17,19,28/02; 6/03	52200	8	7/03	53311	3	39/02
44069	16	5,9,11,13,16,18,20,21,24, 29,31/02	44462	4	4,6,8,19/02	52262	6	7/02	54040	3	37/02;6/03
44070	7	9/02	44463	9	4/02	53011	2	51/02	54041	7	18,35/02;4,8/03
44071	4	9/02	44465	2	4,6,8,12,16,17,19,28/02; 6/03	53031	1	12,13,17,18,19,21,22,27, 28,30,39,48/02;5/03	54043	2	15,17,18,29/02
44072	4	5,21/02	44481	2	6,26,28,31/02	53058	2	4/03	54061	11	52/02
44073	2	5,21/02	51002	7	13/02*	53060	14	12,14,15,17,18,19,21,22, 27,28,30,32,51/02;4,5, 9/03	54063	3	1/03
44075	4	5,9,11,16,17,21,29,31, 42/02	51007	22	38/02;7/03	53085	6	17,24,51/02	54080	5	8/02**
44076	3	18,25/02	51013	4	38/02;7/03	53086	8	20,46,48/02	54081	3	13/02
44081	9	8,15,16,17,20,24,25, 39/02;9/03	51017	31	37/02	53091	10	14,19,28,30,44,47/02	54083	4	19/02
44082	11	6,11,15,16,17,18,21,24, 25/02;9/03	51022	11	37/02	53092	13	1/03	54085	2	18,19,40/02
44083	8	10,15,21/02;9/03	51061	14	1,7/03	53093	8	14,19,28,44,47/02;4/03	54090	3	46/02*
44084	1	6,0/2;6/03	51064	2	52/02;1/03	53094	6	33/02	54095	3	46/02*;8/03
44085	2	21,25/02	51081	10	5,6/03	53095	2	33/02	54100	4	8/02**
44100	7	11,13,15,16,17,18,24,25, 26,44/02;2,9/03	51082	7	5,7/03	53096	2	12,33/02	54105	3	46/02*;8/03
44105	2	49/02;5,6,8/03	51103	10	29*,33,45/02	53098	8	18,19/02;9/03	54115	3	46/02*
44120	7	6,11,15,16,17,18,21,26, 27,28,29,31/02;2,9/03	51104	1	29*,33,45/02	53098	6	17,18,24,51/02	54140	7	15,16,17,18,41,42,02
44140	8	4,6,16,26,27,28,29,31, 50/02;1,6,03	51120	6	6/03	53098	7	33/02	54151	1	7,14,15/02;3/03
44145	2	49/02;5,6,8/03	51142	2	6/03	53098	6	17,24,51/02	54160	14	8/02**
44146	7	6,11,15,16,17,18,21,26, 27,28,29,31/02;2,9/03	51143	4	14/02*;6/03	53098	9	48/02	54161	12	16,17,19/02
44147	4	14*,52/02;1/03	51144	3	14*,52/02;1/03	53098	7	33/02	54165	2	33,37/02
44148	8	4,6,16,26,27,28,29,31, 50/02;1,6,03	51145	2	42/02	53098	7	33/02	54167	2	17,19/02
44160	7	4,6/02;1,4,5,6/03	51146	3	42,52/02;5/03	53099	1	41/02	54168	1	37/02
44161	2	29,50/02;1,2,6/03	51150	1	50,51/02;1/03	53099	2	20/02	54169	3	8,16,37/02
44162	1	50/02;1/03	51154	3	50,51/02	53100	16	13,18,19,21,24,28,33,39, 42,51/02;6/03	54180	6	7,8,10,19,41,43,50/02; 5/03
44163	1	48/02	51155	1	50,51/02;1/03	53101	7	33/02;8/03	54195	2	11/02;5/03
44164	1	46,48/02;1/03	51158	2	6/03	53102	2	20,35,42/02	54200	4	7,8,10,11,13,21/02;5, 8/03

SECTION I

NM 9/03

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/02 THROUGH NM 9/03**

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.
54201	6	13,21/02;8/03	55046	4	4,21,22,23,26,27,30,31, 37,38,39,41,48/02	61170	5	13,27/02	62302	2	4/03
54220	5	7,10,13/02	55047	8	22,23,26,27/02	61171	10	13/02	62310	2	6,27/02
54222	4	21,43/02	55048	12	6,23,27,32,36,37,39,41, 48/02	61172	6	13/02	62313	4	17*,27/02
54223	2	13,21/02;8/03	55049	6	22,27,30,41,43/02	61180	4	20,27/02	62330	2	14,38,40/02
54224	2	13,21/02;8/03	55050	7	19,20,36,37/02	61182	2	13/02	62340	3	38/02
54225	2	21/02	55053	1	6/03	61190	4	39,41/02	62343	3	8/03
54226	2	7,50/02	55064	3	4,23,37,48/02;6/03	61191	8	12,13/02	62355	6	8/03
54227	2	7,50/02	55082	9	5/03	61200	7	17,21/02	62360	5	18,38/02
54240	11	8/02**	55084	7	39/02	61210	6	17/02	62361	2	N18,N38/02
54260	3	8/02**	55100	8	29,36,37/02;6/03	61220	5	17/02	62366	3	38,40/02;2/03
54279	4	50/02*,2/03	55105	9	13/02;5/03	61240	7	18/02	62392	7	14*,18/02
54280	10	11,14,15,20/02;5/03	55107	4	18/02	61250	4	18/02	62393	7	34,37,50/02
54281	6	20/02	55108	8	29,36,37/02;6/03	61300	2	7/03	62394	10	34,37,50/02
54282	1	51/02	55109	4	7/03	61310	2	33/02;7/03	62395	2	34,50/02
54283	5	8,19,20,52/02	55102	3	24/02;4,5/03	61311	5	17,33/02	62400	17	23,24,33/02;4,9/03
54284	1	51/02	55103	2	9,12,24,29,48/02;1,4,5, 7/03	61312	3	17,33/02	62401	9	11/02;6/03
54286	4	14,19/02	55104	2	9,48/02;4,5,7/03	61331	4	7/03	62402	9	2,5,6,15,17,20,49/02
54287	7	7,9/02;5/03	55105	7	6,9,12,18,29,36,41,42/02	61400	2	27/02;7/03	62404	3	6/03
54288	5	9/02;1/03	55110	2	4,7,23,24,29,37/02;6/03	61410	2	14/02;7/03	62406	2	8,24,33/02
54289	8	7,9,19/02;1/03	55120	3	36/02;6/03	61420	2	14/02	62408	7	11,15/02
54300	12	8,11,13,14,31/02	55128	2	4,5,6,9,26,33,36,38/02;1, 4,5,8/03	61430	2	14/02;7/03	62409	6	2/02;7/03
54302	1	8,11,13,14,31/02	55129	7	6,9,33,36,37/02;6/03	61433	1	14/02;7/03	62411	1	52/02
54303	4	8/02	55130	2	13,27,45/02;5/03	61440	2	14/02;7/03	62413	11	33/02
54314	2	13/02	55131	1	27,36,45/02;6/03	61450	2	14,17,27/02	62417	1	52/02
54318	3	5,19/02;1/03	55133	3	5/03	61470	2	15/02	62419	6	33/02;8/03
54320	4	7,13,20,48/02;1/03	55139	5	41/02	61472	1	15,20/02	62420	5	33,37,39,42/03
54322	7	5,13,19,20/02;1/03	55140	2	1,5/03	61500	2	17/02	62429	9	17,27,39,43/02
54324	8	19/02	55145	2	4,6,7,24,28,29,37/02	61510	2	15/02	62431	8	26*,27,37/02
54327	4	20,31/02	55150	2	6,18,24,28,29,42/02	61520	2	15/02	62432	15	4,25,31,34/02;2/03
54329	4	5/02;5/03	55151	1	7,27,36,45/02;6/03	61522	1	15/02	62433	12	15,30,31,34,45/02;1/03
54330	2	5/02	55153	5	41/02	61538	1	15/02	62434	9	12*,40,46,52/02;8/03
54333	3	5/02	55157	2	9,12,18,29,31,36,41/02	61540	2	15,20/02	62437	9	32,46/02
54334	3	7/02;5/03	55175	1	24,28/02	61541	8	4/02	62439	4	1/03
54337	3	19,31/02	55180	2	9,33/02;1/03	61542	6	4/02	62440	7	5,15,17,20,49/02;6/03
54339	8	7,17,31/02	55190	2	6/03	61550	2	17/02	62441	10	16,36/02
54340	8	19,48,51/02;3,4/03	55200	2	12,27/02;8/03	61560	2	15/02;7/03	62448	2	2,23/02
54343	10	14,19,48/02;4,5/03	55601	1	1,2/03	61562	2	6/03	62449	4	15/02
54344	6	14,19,48/02	55604	6	22/02	61581	5	14,18/02	62451	7	2,21,23/02
54346	8	14,19/02	556043	6	22/02	61582	4	14,18/02	62453	3	25,33/02
54347	4	51/02	556044	3	22,38/02	61591	4	8/02	62455	7	17,27,39,43/02
54350	4	51/02	556060	8	33/02	61592	4	8/02	62456	1	27/02
54351	7	52/02	556063	1	2,14,21/02	61610	7	28,29/02	62457	5	5,6,17,20,21,24,36,49/02
54352	3	52/02;1,3/03	556064	6	14,38/02;2/03	61611	11	28/02	62459	2	6/03
54360	12	15,19,20,52/02	556065	3	33/02/8/02	61612	4	28/02	62460	4	6,24,31,33/02
54362	3	52/02	556067	3	48/02*	61650	3	17/02	62464	2	15*,31,49,50/02;4/03
54363	3	15,19,20/02	556081	19	41/02	62000	20	18,46/02	62480	1	13,15,18,23,30,31,33,37, 43/02;6,8/03
54365	6	15,19,36/02	556083	2	7,31/02	62001	4	2,36/02;1/03	62490	1	2,4,12,16,25,39,52,31,32, 33,43,50,52/02;8/03
54366	3	15/02	556100	13	41,49,50/02;1/03	62024	13	13,14,38,40/02	62498	4	12*,23,25,27,31/02; 9/03
54367	3	15/02	556101	6	33/02;1/03	62028	15	5,8,12,18/02	62499	4	15*,25,27,31,49,50/02; 9/03
54368	4	20/02	556102	23	1/03	62032	15	13,16,18,23,29,32,33,43, 50,52/02;8/03	62510	2	6,23,31,33,34/02
54369	4	13,15,52/02	556103	6	18,30/02;1/03	62033	2	N13,N16,N18,N23,N29, N32,N33,N43,N50, N52/02;N8/03	62512	2	N6,N23,N31,N33, N34/02
54372	2	20/02	556104	2	41,49,50/02	62040	5	13/02	62515	2	14,26,45/02
54380	6	5,19,26,42/02;3/03	556120	12	1/03	62046	2	13,39/02	62520	5	5,6,7,13,15,17,20,30,31, 37,43,49/02
54382	9	26/02	556191	2	18/02	62050	6	18,44/02	62521	3	N5,N6,N7,N13,N15, N17,N20,N30,N31,N37, N43,N49/02
54386	10	7,42/02	556195	3	22/02*	62093	7	2,16,41,49/02	62530	5	7,31,33,43/02;8/03
54387	7	6,23,42/02	557063	5	40,41/02	62095	2	2,3,16,41,49/02	62531	3	N7,N31,N33,N43/02; N8/03
54389	8	6,43,52/02	557064	3	41/02	62100	6	2,4,12/02	62540	6	17*,18,21,23,25,26,29, 31,32,34,40,45,48,50, 52/02;8/03
54400	8	5,7,20,32,43/02;3/03	557101	18	41/02	62110	9	2,4/02	62541	3	N17*,N18,N21,N23, N25,N26,N29,N31,N32, N34,N40,N45,N48,N50, N52/02;N8/03
54402	4	52/02	557120	13	43/02	62120	6	11/02			
54403	4	6,22,43,52/02	557140	10	43/02	62140	1	34,40/02			
54404	4	19/02	557141	14	43/02	62142	10	24,28/02			
54407	4	32,43/02;3,7/03	557142	6	43/02	62143	3	24,28/02			
54409	2	23,32/02;7,8/03	557160	10	43/02	62144	3	24/02			
54413	3	31/02	557161	4	31/02	62170	2	38/02			
54416	5	7/02	557162	7	43/02	62171	4	38,47/02			
54418	4	32,43/02;3,7/03	557164	2	43/02	62191	14	22,29,41/02;1/03			
54419	2	3/03	557165	1	43/02	62193	17	17*,19,31/02			
54421	6	6,7,28,47/02	557170	1	43/02	62194	8	17*,18,19,31,36/02;4/03			
54422	4	19/02*	557381	12	52/02	62195	6	22,36,41/02;1/03			
54423	5	48/02*	61015	8	17/02	62200	8	8/02			
54430	1	26,28,37,43/02	61018	4	18,24/02	62202	3	17*,37/02			
54440	4	7,30,41/02	61020	2	17,28/02	62211	10	9/03			
54441	6	30,42/02;2/03	61021	3	18/02	62241	10	9/03			
54443	5	14/02	61036	8	8,27/02;7/03	62242	11	47/02;9/03			
54446	5	7/02	61070	4	9/03	62245	6	22,36,41/02;1/03			
54480	8	22,30,36,41/02;2/03	61080	4	9/03	62250	4	34,38/02			
54481	8	22,30,36/02	61110	3	12,28/02	62255	3	37,41/02			
55001	4	6,18,29,36,37,42/02	61111	12	12/02	62270	4	37,41/02			
55040	4	13,15,18,23,27,28,31,32, 39,41/02	61112	10	14,17/02	62271	5	37,41/02			
55041	7	15,22,32/02	61130	3	12,28/02	62275	3	37,41/02			
55042	1	18,21,27,28,42/02	61140	5	12,27/02	62285	2	26/02			
55043	2	21,23,27,28,37,39,42/02	61141	6	38/02	62290	3	21,12,28,36,40,46, 48/02;8/03			
55044	5	22,23,41,43/02	61142	6	38/02;7/03	62292	2	24/02			
55045	2	18,21,23,41/02	61150	4	12/02	62295	3	2/02			

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/02 THROUGH NM 9/03

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.
63020	15	27,31/02;4,9/03	71253	10	14,21,35,40,42/02;5,6, 7/03	73016	4	15,44/02	74232	9	2,9,15/02;5,7/03
63040	2	12*,46/02	71255	5	9/02;6/03	73018	3	13/02	74234	1	2/02;8/03
63050	2	5,12,17,46/02	71257	2	4,8,9,15,18,21,23,28/02; 5,6,7/03	73020	9	3,25/02;9/03	74240	8	4,9,15,34,39,42/02;4,5,7, 8,9/03
63053	4	12*,14/02	71258	2	4,9,15,18,20,21,28,35/02; 5,6,7/03	73022	4	13/02	74251	8	4,15,17,23,25,26,31,32, 34,37,42,44,46,51/02;6, 9/03
63055	3	19*,31/02	71259	2	18,20,21,33/02;1,7/03	73024	3	39/02	74252	9	19,47/02;5,7,9/03
63060	7	5,12,25,28,32/02	71261	8	2,13,35/02;2/03	73026	4	4,25/02;9/03	74253	6	4,11,15,17,19,23,25,27, 32,47/02;8,9/03
63062	7	5,18,28,29/02;7/03	71262	7	6/03	73028	3	7/03	74261	9	15,25,41,49/02;4/03
63063	9	5,27,29/02	71265	3	46*,49/02;7/03	73030	4	4,20/02	74265	2	4,11,15,17,18,19,25,31, 38,41,43,47,49/02;7,9/03
63065	6	18/02	71271	10	23,25,30,34,52/02	73032	7	34,45/02;1/03	74270	3	9,18,19,26,31,38/02;7/03
63070	3	20,27,28,29/02	71272	10	23,30,34/02	73034	4	16,52/02;3/03	74271	9	9,19,28,38,46/02
63080	5	26,27,28,31,48/02	71273	2	14/02	73036	6	16,31,47,52/02	74272	7	26,32/02;4/03
63090	8	25,31/02	71275	3	13,23,35/02;2,6/03	73038	4	12,15,17,24,26,31,34,35, 47/02	74273	5	18,19,31,38,41,43/02; 7/03
63091	4	26,27,32,39,48,52/02; 9/03	71281	7	51/02	73040	3	12,15,17,24,26,31,34,35, 47/02	74281	7	3/03
63100	2	4,15,44/02	71285	3	2,7,23,25,30,34,52/02	73042	4	26,31/02	74283	2	46,49/02
63101	15	14,17,19/02	71295	2	25,26,30,34,39,40,52/02	73044	5	9,13,31,34,36/02;2/03	74285	2	31,34,35,45/02;1,9/03
63102	19	14,17,19,26/02	71305	2	9,14,31,34,36/02;2/03	73046	5	23,36/02	74286	2	15,22,24/02
63103	17	14,17,26,29/02	71311	4	7/03	74000	6	10,12,24,36,47/02;2,7/03	74287	2	27,34,38,52/02;9/03
63110	4	40/02	71313	8	45/02	74002	2	2,13,14,18,25,27,28,35, 47/02	74289	5	13,18,26/02;9/03
63111	9	17,25,48/02;9/03	71314	5	6/03	74003	5	2,22,25,28,47/02;7/03	74290	11	13,25,34,39,45,46,48,49, 51/02;1,7,9/03
63120	2	44,48,52/02;8/03	71315	2	14,27,31,34/02	74004	2	12,13,18,35,37,39,47/02; 9/03	74292	8	13,27,34,38/02;9/03
63121	5	48/02;5,8/03	71320	1	35/02;5/03	74005	2	9,13,18,19,31,34,45,46, 47,51/02;4,7,9/03	74293	7	25,34,45,48/02;9/03
63150	1	14,15,25,31/02	71325	8	5/03	74006	2	26,31/02	74294	3	25,34,45/02
63200	5	52/02	71330	13	35/02;5/03	74007	1	36/02	74295	3	18,22/02;4,9/03
63201	9	40/02	71331	11	5,7,8/03	74008	6	9,15,51/02	74296	4	27,34,38,49/02;9/03
63210	3	45,52/02	71333	2	6,7/03	74009	10	3,9,20,22,25,38,49/02;8, 9/03	74310	2	9/02
63220	5	26,45,52/02	71335	2	8/03	74012	10	17,20,22,26,37,40,49/02; 6,8/03	74320	3	35/02;8/03
63231	6	17*,45/02	71340	11	18,19,22,40,46/02;2,4,5, 6,7/03	74015	10	20,40/02	74330	3	15/02
63232	3	31,45/02	71343	3	7/03	74017	4	3,12,17,18,37,45/02	74340	3	15,27/02
63233	15	31/02	71348	3	18,35/02;7/03	74018	6	44/02	74350	4	25/02
63250	6	14*,29,40/02	71350	8	15,18,20/02;5,6,7/03	74020	4	16,17,33,37,38,43/02; 5/03	74376	5	43/02;9/03
63271	8	19,52/02;8/03	71400	5	11/02	74021	7	10,13,14,20,33,35,39, 44/02;7/03	74380	4	2,3,9,22,32/02;8,9/03
63290	7	19,31,32,38/02	71401	1	40,46,51/02;5/03	74024	7	31,44/02	74391	3	15/02
63291	9	19,33/02	71402	1	18,40,46/02;4,5,6/03	74027	9	43,44/02	74392	7	16,22,25,39/02
63320	8	30/02	71410	1	11,39/02	74030	6	10,28,51/02	74393	9	12,16,18,19,25,28,31,38, 41,50/02;3/03
63321	6	30,42/02;9/03	71420	1	38,39/02;3/03	74042	1	6/02	74394	2	3,12,18,19,28,31,41,49, 50/02;3/03
63322	2	30/02;9/03	71430	2	18,41/02	74045	2	28/02	74410	3	16,20,25,38/02;7/03
63324	1	6/02	71440	1	7,24,34,38,49,52/02	74047	4	10,40/02	74415	1	39/02
63330	9	27,39/02;4/03	71445	1	7/03	74050	2	10,28,51/02	74420	3	45/02
63337	15	27,31,39/02;4/03	71450	1	22,25/02;7/03	74052	2	10,28,51/02	74430	2	49/02
63400	1	39/02;8/03	71460	1	15,20,25,41/02	74054	2	28/02	74440	3	32,39/02;2/03
63410	6	39/02;8,9/03	71465	1	20/02	74071	4	12/02	74450	3	21,22,26,49/02;2/03
63413	5	39/02	71470	2	15,38/02	74151	9	4,10,20,24,27,36,44/02; 2/03	74455	3	9,19,21,23,48/02;1,4/03
63417	2	39/02	72000	8	4,31,32,35,47,50/02;2/03	74152	11	14,36,44/02	74460	4	21,22,26,37,40,46,49/02;
63420	2	39,45/02;8/03	72007	10	6,30,36,38,47,51/02;2,5, 7/03	74153	2	4,14,36,44/02;2/03	74465	2	9/02;9/03
63424	2	45/02	72014	10	12,46/02;7/03	74162	4	10,36,46,47/02;8/03	74470	2	8/03
71005	1	7,9,34/02;2,6/03	72021	8	31,36,38,47,50,51/02; 7/03	74171	4	33,36,47/02;3/03	74475	2	44/02
71006	5	8,39/02	72024	10	14,26/02;7/03	74172	5	2,36,47/02;7/03	74480	2	44/02
71009	3	9,39,46,48/02;1,6,7/03	72027	8	31,36,38,47,50,51/02; 7/03	74181	8	2,11,13,23,28,33,35,37, 38,39,47/02	74485	3	16,43/02
71012	3	19,33,39,46/02;1/03	72028	7	4,5,15,31,34/02	74182	12	3,5,11,13,23,24,25,26,28, 33,35,37,38,39,41,42,44, 51/02;6/03	74491	4	6/02
71018	10	2,5,9,10,15,33,35,37/02; 7/03	72035	8	16,31/02;8/03	74186	7	11,18,34/02;4/03	74492	7	6,16/02
71027	9	7,15,19,20,22,24,25,34, 38,45,49/02;2,4,5/03	72040	3	11/02	74191	2	19,22,24,26,35,46,48/02; 1,7,9/03	74493	3	6,16,38,43,45/02
71033	31	7,15,23,37,38,49/02;3/03	72045	2	16/02;8/03	74192	3	5,24,26,28,35,46/02;1/03	74494	2	41/02;8,9/03
71036	8	9,11,35,44/02	72060	8	32,50/02	74200	8	5,14,18,21,27,28,37, 46/02;1,8/03	74510	2	14,16,17,33,35,37/02; 5/03
71040	5	27,34,42/02;7/03	72070	4	8,11,32/02;2,9/03	74201	9	27/02	74515	4	10,13,14,20,28,33,35, 39/02;4,7/03
71042	1	34/02	72075	2	8,20/02;9/03	74205	7	1,11,18,29/02;4/03	74517	3	10,13,18,20,21,39,41/02; 4/03
71043	2	25/02*	72085	2	6,8,30,47,51/02;2,9/03	74210	7	2,13,22,23,26,35,36,37, 46/02;1/03	74521	3	28,41/02
71044	1	27/02	72094	2	29,38/02;7/03	74211	7	19,22,24,26,35,46,48/02; 1,7,9/03	74527	2	28/02
71058	2	23,36/02	72100	7	29/02;7/03	74212	8	3,24,26,28,35,46/02;1/03	74530	2	28,44/02
71059	1	23,36/02	72103	2	29/02;4,6,7/03	74213	8	5,14,18,21,27,28,37, 46/02;1,8/03	74535	2	31,42,44,48/02
71061	15	23,36/02	72105	2	36,38/02;7/03	74214	5	13,14,21,24,28,33,35,37, 38,46,48/02	74545	3	28,40/02
71066	1	39/02;6,7/03	72107	2	12,15,27,29/02;7/03	74216	7	11,13,18,29/02;4/03	74550	4	5/03
71071	5	15/02	72109	3	42,44/02	74217	8	5,16,21,24,26,35,36,37, 46/02;1/03	74555	3	10,34,43,44,48,51/02; 5/03
71081	3	16/02	72110	9	12,15/02	74218	7	8/03	74560	10	14,23,28,32,40,43,46,48, 50/02;4,5/03
71091	4	1,2/03	72130	4	13,46/02	74219	2	16,24,25/02	74561	2	5/03
71140	6	33,39,46/02;1/03	72131	3	13/02	74220	7	12,25/02;7/03	74581	9	9,13,20,26,32,34,36,40, 41,43,45/02
71180	29	2,8,10,33,37/02;7/03	72161	10	15/02	74221	2	11,13,35,51/02	74582	9	3,9,13,18,26,28,40/02
71183	13	32/02	72173	2	12,15/02	74222	8	5,6,11,13,17,22,23,33,37,43, 47/02	74583	15	26,32,34,40,43,44,48/02
71185	24	5,8,13/02;7/03	72181	2	36/02;7/03	74223	8	5,6,11,13,17,22,23,33,37,43, 47/02	74584	5	4,18,22,25,32,34,41,43, 45/02
71186	2	5,8,13/02;7/03	72190	2	6,30/02	74224	9	10,13,28,39,42/02;5,7/03	74590	2	10,28,51/02
71210	18	44/02;3/03	72201	5	9,0/2;8/03	74230	7	5,6,19,23,35/02;3/03	74591	7	10,40/02;8/03
71211	4	38/02	72203	2	16/02	74231	10	4,13,26,34,42,48/02			
71212	1	18,38/02	72211	6	43/02;5,8/03						
71223	8	17/02	72231	8	31/02						
71230	11	23,38/02;6/03	72236	1</							

CHARTS AFFECTED BY NOTICE TO MARINERS

NM 2/02 THROUGH NM 9/03

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.
74595	2	28/02	81002	6	18/02	92210	3	18*,19/02	94082	8	5,13,14,25,27,30,44/02;
75000	6	47/02;6/03	81023	5	18/02	92214	4	3,19/02			8/03
75001	3	9,23,47/02;5,6/03	81048	8	14/02	92216	3	23/02*	94083	12	5,13,17,25,44/02
75010	7	16,18,41,42,50/02	81054	12	14,29/02	92242	2	3/02	94084	1	5,6,13,23,25/02
75025	9	14,22,23,36,39/02;2,4, 8/03	81063	5	2/02	92290	2	7,11/02	94120	6	12,19,21,33,38,48,52/02;
75035	18	10,21,24,36,39/02;2,6/03	81076	9	51/02	92310	4	5,11,13/02	94122	7	19,30,40/02
75051	6	13,16/02;5/03	81092	3	38*,50/02	92320	4	7,10/02	94123	9	12,21,33,38,42,44,52/02;
75052	2	13,16/02	81711	6	23/02	92380	3	7,10,11/02			9/03
75110	2	50/02	81715	4	23/02	92385	4	7,10/02	94124	13	38,42,44/02
75120	2	16,42/02	82015	13	22/02	92410	3	10,11,14/02	94127	2	21,33,38/02;6,9/03
75130	16	7,16,18,21,27,31,34,41, 50,51/02;5,7,8/03	82020	7	22/02	92420	4	11/02	94160	7	2,26,27,33,38,44,46,47, 50,51,52/02;9/03
75131	7	18,20,28/02	82210	2	42,48/02	92460	1	11/02	94164	2	2,26,27,46,50,51/02
75132	11	31/02	82242	1	35,48,50/02	92470	3	19,21/02	94165	4	14,20,26,50/02
75134	3	7,23,27,33,51/02;5/03	82244	5	35,42,48/02	92560	4	45/02	94180	9	26,32,42,44,47,50,51/02
75142	5	4,8,15,21,28,36,42,50/02	82253	7	35,48,50/02	93006	2	21,39,45/02;4,8/03	94184	2	N51/02
75143	4	4,12,15,20,28,32,33,36, 38,42,50/02	82374	9	22/02	93010	6	15,17,22,27,38,40,41/02;	94187	3	32/02
75144	3	20,31,33,36,42,51/02; 4/03	82580	2	19/02	93018	8	9,27/02;1/03	94188	2	44,46,47,51/02;8/03
75150	5	13,16,50/02	82646	2	19,33/02	93020	2	15,24,38/02;4/03	94201	1	51/02
75160	6	6,22,23,24/02	82649	5	3,18,20,33/02	93022	4	6,18/02	94203	10	22,26,41,42,44,46,47, 52/02
75170	12	38,39/02;8/03	82683	4	6,18,33/02	93025	5	45/02	94206	3	22,26,41,42,44,47,52/02
75171	22	5,8,10,12,14,17,18,22,27, 31,32,33,36,38,40,42,48, 52/02;1,6/03	82684	3	3,12,18,33,38/02;7/03	93030	6	6,18,45/02	94207	5	N26,N42,N44,N47, N52/02
75172	5	39/02	82689	3	5,6,18,38/02	93032	3	45/02	94208	6	N44/02
75173	9	8,10,12,14,17,20,25,31, 32,33,36/02;1,6/03	82690	10	6,18,19,20/02	93043	1	45/02	94216	6	27,45/02
75175	9	5,16,18,31,33,38,40,45, 50/02;6/03	82694	6	38/02	93046	1	9,45/02;5/03	94217	4	30/02;6/03
75176	9	5,7,14,17,27,42,50/02	82697	6	38,46/02	93047	2	45,49/02	94218	3	30,36/02;6/03
75177	7	5,12,18,27,38,48,50, 52/02;6/03	83010	6	6/03	93048	1	35,49/02;5/03	94219	1	47/02
75178	2	3/02;8/03	83020	8	7/02	93049	1	45/02;4/03	94220	4	22,26,41,42,47,49/02; 8/03
75185	2	22,47/02;8/03	83021	1	25,27,43/02	93061	4	45/02	94260	5	49/02;1,6/03
75190	2	11,23,47/02	83025	4	25,27,43/02	93101	2	N24,N34,N38/02;N2/03	94280	5	51/02
75191	6	3,22,25,37,38,43,47/02; 8/03	83026	32	18,41/02;6/03	93110	2	22,24,38,40,41/02;1,2/03	94281	6	6/03
75193	6	22,49/02;1,5,7/03	83032	1	18/02	93113	2	19/02	94282	9	46/02;8/03
75207	2	36,52/02;4/03	83034	1	12/02	93115	2	40,41/02	94283	7	46/02;2,8/03
75208	2	14,26,50/02	83385	19	20,27/02	93117	2	19,40,41/02	94290	2	1,7/03
75213	2	36,52/02	83392	5	31/02	93243	6	42/02	94322	14	8/03
75215	2	36,39,40,52/02;7/03	83393	2	N31/02	93247	4	26/02	94360	6	18,32,43/02;6/03
75220	12	10,14,36,39,49/02;4/03	83397	6	8,18/02;1/03	93260	8	27,31/02;7/03	94361	13	18,32/02
75222	8	18,22,35,40/02	83425	6	3,20,35/02	93261	5	31/02;7/03	94363	4	32,43/02
75240	4	14,36,39/02;2,4/03	83500	1	9,12/02	93360	5	38/02	94380	4	N5,N6/03
75241	6	34,36/02	83560	3	9/02	93385	6	6,18/02	94384	3	5/03
75251	5	23,33,48/02;3/03	83570	2	5,24/02	93404	6	6/02	94420	3	5,39/02;4,8/03
75261	6	13,17,21,23,24,33,36, 48/02;3,6/03	83572	1	24/02	93420	4	18/02	94421	10	15,45/02;4/03
75262	6	12,38/02	83574	2	5/02;7/03	93440	4	18/02	94423	12	19,45/02
75263	9	17,32/02;5/03	83580	2	12,24/02;8/03	93460	7	6/02	94427	2	N32/02
75264	17	16,17,19,33,34,37,41,42, 44,45/02;2/03	91005	6	7,10,11,45/02	93520	13	45/02	94440	2	46/02
75265	2	13,17,20,21,24/02;6/03	91008	1	12,29,44,48/02;8/03	93610	3	44,45/02;6/03	95016	8	9,12,40/02
76015	1	3,4,18,23,24,29,35,40/02	91010	6	29,48/02	93650	2	19,44/02;6/03	95040	8	4,40/02
76020	7	8,18/02	91020	5	10,19,21,22/02	93652	2	3,6/03	95060	13	4,10,14,15,16,40,43,44, 47,48,52/02;1,6/03
76030	9	9,12,12,24,49/02	91040	1	10,11/02	93680	3	45,47/02	95065	5	4,14,48/02
76041	2	2/02	91080	4	11,21/02	93690	2	44/02;6/03	95066	11	4,10,13,14,15,16,18,19, 20,41,43,44,47,48,49,
76050	8	24,49/02	91096	1	21/02	93710	3	14,26/02;6/03			50/02;1,5,6/03
76052	8	8,12,15,21/02;4,5/03	91170	2	38,41,44/02	93720	10	39,45,50/02;8/03	95067	13	18,41,44,46/02;1,5/03
76054	5	9,49/02	91240	5	7,10/02	93721	5	5,8,9,20,22,26,32,39,42, 45,50/02;4/03	95068	1	41,42,45,47/02
76056	3	9/03	91280	10	13,20/02	93725	6	20,45/02	95078	9	10,13,19,21,25,37,30,33, 44,46/02;1,4,7,03
76060	7	40/02	91286	13	19,20/02	93726	4	26,48/02;8/03	95083	8	21,25,33/02;1,4/03
76061	3	40/02;9/03	91294	8	10,14/02	93730	3	6,21,39,40,42,45,47, 50/02;2,4/03	95084	7	15,16,18,20,25,27,30,
76070	9	4,9,12,23,35/02	91297	9	10,14/02	93733	13	5,6,17,21,22,26,32,39, 45/02;4/03	95085	4	15,45,52/02;1,6/03
76071	9	4,23,35/02	91300	3	10,21,22/02	93734	11	6,17,22,26,32,45/02;4/03	95086	5	15,45,52/02;1,6,8/03
76080	8	3/02;1/03	91309	4	13/02	93736	22	5,6,8,11,16,22,26,32, 41/02;4/03	95087	3	4,19,21,25,33,40,48/02;1, 8/03
76081	7	9,12/02	91331	3	10,21/02	93778	8	14,47/02;7/03	95100	12	7,8,9,10,13,14,15,16,18, 38,39,43,44,45,46,47,50, 52/02;1,4,6,7,8,9/03
76083	3	1/03	91340	3	11,19,21/02	94004	6	2,12,14,19,29,30,33,37,	95101	8	8,13,14,15,39,44,50/02;1, 5,6,9/03
76090	6	2,9/02	91360	2	11/02	94016	2	12,23,33,35,52/02;3,9/03	95102	8	8,10,13,38,42,45,46,47, 48,50,52/02;1,4,5,8/03
76110	5	23/02	91400	2	10/02	94028	7	7,8,9,13,14,23,25,40,42, 52/02;1,6,7,8,9/03	95103	8	8,13,42,43,45,47,52/02;4, 6,7/03
76120	6	6,22,23,25/02	91407	2	10/02	94040	13	30,37,47,51/02;6,8/03	95120	7	6,13,17,20,21,42,43, 52/02;1,4/03
76121	8	4,9/02	92006	5	45,46/02;5/03	94042	9	47,51/02;7/03	95138	8	45,46,48,49,50,52/02;
76140	7	2,46/02	92010	3	19/02	94060	10	2,5,27,29,30,33,37,46, 47/02;7,8/03	95140	15	8/03
76141	8	4,14,19,46/02	92020	2	19/02	94061	5	2,5,19,33,35,47/02			
76142	1	46/02	92025	3	10,11,13,21/02	94063	4	29,33,41/02;8/03			
76146	1	2,8/02	92030	4	7,10,11,19,21/02	94067	10	33/02			
76147	1	2/02	92033	5	45/02	94080	7	14,15,27,29,30,33,44, 48/02			
76150	6	35/02	92060	3	21/02						
76151	7	5,22/02	92061	3	21/02						
76161	10	9,40/02	92110	3	13/02						
76170	7	29/02	92115	1	13,15/02						
76171	10	9/02	92120	3	5/02						
76180	1	2,4,6,18,22,23/02	92200	3	10,19/02						

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 2/02 THROUGH NM 9/03

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.
95141	8	7,14,45,47,50,52/02;1,6, 7,8/03	96760	4	5,7,29,35,45/02	97202	15	43,44,52/02	97397	7	3,8,18,25,39,49/02
95142	9	15*,18,19,50,52/02;8/03	96762	3	29/02	97204	9	2,10,28,29,45,52/02;4, 6/03	97398	3	21,25,49/02
95143	11	4,15,18,40,45,47,48,49, 50/02;1,5,6,7,8,9/03	96763	7	29,43,48/02;9/03	97206	2	10,12/02	97400	3	25,26/02;1/03
95144	9	8,10,19,38,41,46,48,50, 52/02;1,6,8,9/03	96764	2	5,19/02;7/03	97207	3	11/02	97410	8	11,21/02
95144	9	8,10,19,38,41,46,48,50, 52/02;1,6,8,9/03	96780	4	4,11/02	97218	3	10,21,41/02;6/03	97412	7	40/02
95146	14	7,10,19,36,38,39,40,41, 44,46,47,48,50,52/02;1,8, 9/03	96800	4	19*,41/02	97219	4	10,12,21,25,31/02;6,9/03	97420	17	8,9,21,34,39,42,47,52/02; 1,8/03
95147	13	7,39,41,44,45,46,47,48, 49/02;1,5,9/03	96820	4	6/02	97220	3	2,7,8,21,24,31,37,39,42, 43,44/02;6,8,9/03	97421	13	20,35,36/02;1/03
95149	9	15,18,22,34,36,37,38,41, 43,48,49,52/02;8,9/03	96820	3	6/02	97222	12	11,25,28,47/02	97423	2	20,35,36/02;1/03
95151	17	13,15,18,34,36,37,38,40, 47,50/02;1,5/03	96900	4	5,7/02	97223	3	8,42,44,48/02	97425	6	10,34,39,47,52/02;1,6, 8/03
95152	5	37,38/02;6,9/03	96901	3	5,7,19,27/02;7/03	97224	6	11,18,25,27,46,47,49/02	97440	8	20,23,27,52/02;1/03
95153	2	15,22,34,36,37,38,43/02	96902	2	5,7,45/02	97225	31	2,7,8,11,21,24,37,39,42, 44,45/02;6,8,9/03	97441	5	20,46/02
95160	13	4,7,8,9,15,27,41,42,47, 52/02;1,6,8,9/03	96904	2	5,27,41/02	97226	7	17/02	97460	7	40/02;5/03
95161	16	4,27,31,40,45,48,50/02;1, 5,6,8,9/03	96906	2	27/02	97227	11	21,24,42,43/02;9/03	97461	9	4,5,21/02;5,8/03
95162	2	20,40,44,47/02	96910	1	6,7,8/02	97228	15	2,21,28,30,39,40,42, 43/02;5,6,9/03	97465	9	5,21/02;1,6,8/03
95163	2	27,02;1,6,9/03	96937	2	40/02	97229	12	2,7,8,18,24,27,31,36,39, 47/02;6,8,9/03	97466	2	5,25,46/02;1/03
95164	4	43,48/02;1,6,9/03	96938	4	9,02/4/03	97230	18	2,29,36,52/02;6,9/03	97469	10	7,26/02;1,6,8/03
95167	10	44/02;1,6,9/03	96939	3	4,7,9/03	97231	11	10,21,41/02;6/03	97471	5	N7,N31/02
95169	2	4,44,50,52/02	96941	8	47/02	97232	8	4,15,20,25/02	97472	8	6,7,34/02
95171	1	1,6,9/03	96943	15	44/02;1,9/03	97233	11	31,33,43,44,49/02;1,5,6, 9/03	97473	7	5/02
95172	1	1,9/03	96944	6	45,52/02;6/03	97234	17	29,43,47,49/02;1,6,8, 9/03	97474	7	21/02
95173	1	15,16,17,50,52/02;1/03	96945	3	43,52/02	97235	18	2,29,36,52/02;6,9/03	97480	7	12,21,35,52/02;3,9/03
95174	1	17,50,52/02	96947	15	6/03	97236	20	31,47/02;9/03	97481	6	10,47,49/02;9/03
95176	2	16,20,31/02;8/03	96949	21	45/02	97239	10	31,33/02;1,5,9/03	97483	7	48,52/02
95177	1	18,41,50,52/02;9/03	97040	5	43,47/02	97243	8	21,28,29,31,33,48/02;1,5, 6/03	97521	6	19,42/02
95180	11	9,15,17,18,27,40,42,44, 49/02;1,6,9/03	97041	9	45,47/02	97244	5	9/03	800669	8	N20/02
95185	2	20,31,40,44,49/02	97043	2	17,23/02	97245	11	7,17,28,36/02;1,5,9/03	800744	1	N22,N49/02;N5/03
95250	4	12,44/02;1,6/03	97060	8	9,46/02	97246	7	43,52/02;5/03	801217	1	N5,N6,N7,N21/02;N6, N8/03
95255	2	44/02;1,7/03	97061	3	52/02	97251	4	6/03	801885	3	N28/02
95258	3	6/03	97062	12	8,9,27,44/02;6/03	97261	15	10,17,18,41/02;1,5,7/03	801959	2	N10/02
95261	7	48/02;1,5,9/03	97064	2	8,9/02;6/03	97262	10	21,29,34/02;1,5,6,7/03	802202	8	N14,N23,N31,N35/02; N1,N7/03
95262	13	41,46/02;1,6,9/03	97080	5	9/02	97263	10	5,7,9/03	802260	5	N20/02
95264	8	6,48/02	97082	5	24,46/02	97266	5	10,17,37,41/02;1,5,6, 7/03	803404	2	N26/02
95267	5	11,17/02	97083	3	9,24/02	97268	10	6/03	804037	1	N28/02
95268	16	39,48/02;6,9/03	97100	4	20,28,42,47/02	97270	6	36,44/02;1,5/03	804059	2	N20/02
95270	4	8,48/02;9/03	97101	1	28/02	97271	12	17,18,25,29,37,39/02; 6/03	804567	4	N17/02
95271	4	44,48/02;9/03	97104	4	8,10,20/02;7/03	97272	11	19,52/02/6/03	805647	2	N37,N51/02
95273	2	48/02	97105	3	8,10,20/02	97273	10	20,45/02/8/03	807861	2	N27/02
95274	3	48/02	97120	6	2,15,22,28,31,37,40,42, 43/02/9/03	97274	19	17,18,25,29,40,41/02;1,5, 6,8/03	808528	1	N25/02
95276	3	21/02*	97140	17	2,10,15,22,33,37,39,43, 45/02/9/03	97276	1	27,29,40/02;9/03	809310	9	N13,N18,N39/02
95280	9	2,17,48/02;8/03	97141	5	13*,19,21,40,46/02;8/03	97277	11	10,17,27/02;1,5,6,8,9/03	809679	2	N25,N50/02
95281	15	7/03	97143	11	2,21,31,43,45/02/9/03	97278	11	39/02/1/03	807270	1	NM 9/03
95282	7	46,52/02;4,6,9/03	97144	14	44*,46/02;7,8,9/03	97279	9	27/02/9/03	807271	1	NM 9/03
95300	5	2,16,45,48,52/02	97145	1	2,15,22,43/02;8,9/03	97280	4	52/02	807272	1	NM 9/03
95320	15	8,35,38/02	97146	10	44/02*	97281	2	41/02	807273	1	NM 9/03
95341	8	8,10,11,18,19,42,47/02; 1/03	97147	2	21,23,45/02/9/03	97283	3	45/02/9/03	807274	1	NM 9/03
95342	16	30/02;9/03	97148	9	21*,23,45/02/9/03	97285	6	10,19,23,27,31,34,42/02; 7/03	807275	1	NM 9/03
96000	5	6,8/02	97149	20	25,34,35,44,45/02/1/03	97286	6	10,11,21,23,25,27,31,34, 35,36,41,42/02;6,8/03	807276	1	NM 9/03
96004	14	16,17,44,45/02	97150	13	34,39,43,44/02	97287	5	11,34/02	807277	1	NM 9/03
96012	16	7,8,11/02	97151	16	31,35,44,45/02	97300	6	12/02/1/03	807278	1	NM 9/03
96016	7	11,12/02	97152	8	37/02	97303	3	18,25,47,48/02	807279	1	NM 9/03
96020	4	6,7,41/02	97153	7	31/02	97320	6	33/02	807280	1	NM 9/03
96024	3	6,7,8/02	97154	2	36/02	97340	8	27,33,38,52/02	807281	1	NM 9/03
96028	5	6,7,8/02	97155	14	2,20,31,35,36,37,39,40, 48/02	97341	9	2,27,34/02	807282	1	NM 9/03
96032	3	38/02				97342	14	27,38/02	807283	1	NM 9/03
96039	7	16,17,30/02	97156	6	2,21,37/02/1/03	97343	12	27,38/02	807284	1	NM 9/03
96041	11	16,17,30/02	97157	1	35,37/02	97360	6	20,23,27,38/02;5,7/03	807285	1	NM 9/03
96042	11	16/02	97159	6	33,39/02/7/03	97380	7	21,39,47,52/02;1,2,8/03	807286	1	NM 9/03
96043	8	16/02	97163	14	23/02	97381	7	27/02/7/03	807287	1	NM 9/03
96044	10	8,29,30/02	97164	1	7/03	97382	2	41,45/02/4/03	807288	1	NM 9/03
96120	6	30/02	97165	1	7/03	97383	16	31/02/5,7/03	807289	1	NM 9/03
96130	2	9/02	97166	1	33/02	97384	4	47/02	807290	1	NM 9/03
96140	5	30/02	97167	2	23,33/02	97385	10	31,52/02/5,6,7,9/03	807291	2	45/02/9/03
96141	4	9/02	97180	6	8,9,11,22,31,34,39,43,45, 46,48/02/4,8/03	97387	2	4,5,7/03	807292	5	21/02/1/03
96181	5	9/02				97389	1	39/02	807293	5	21/02/1/03
96200	5	8,9/02	97181	20	8,9,11,18,22,25,31,34,46, 48/02/1,4,7,8/03	97390	5	7,31,39,40/02;2,5/03	807294	1	NM 9/03
96240	4	8,11/02	97182	13	11,18,21,23,31,34,39,46, 48/02/1,4,5,6,7,8/03	97391	26	31/02/6,7/03	807295	5	21/02/1/03
96300	4	11,12/02	97183	9	25,44/02;5,9/03	97392	5	21/02/1/03	807296	14	7,18,21,36,39,40/02/2/03
96320	4	12/02	97184	15	25,28,47/02/1,7/03	97396	14	7,18,21,36,39,40/02/2/03			
96340	4	12/02	97185	2	43/02/1,7/03						
96360	4	12/02	97187	3	44,48/02/9/03						
96441	1	41/02	97188	2	1,7/03						
96480	3	6,7,8,41/02	97189	2	25,28,44/02/9/03						
96500	6	6,8,41/02	97190	2	8,9,22,34,39,52/02/8/03						
96521	3	N19/02*	97191	2	25,28,44/02/9/03						
96640	5	6/02	97192	9	11,52/02/8/03						
96645	1	26/02	97200	9	11,52/02/8/03						

SECTION II

NM 9/03

NIMA 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
NIMA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date				
REGION 1								
11BCO11344 (7642014010181)	Rollover Bayou to Calcasieu Pass (LORAN-C) (New edition due to numerous Notice to Mariners corrections)	80,000	<u>35</u>	<u>12/02</u>	NOS	1-94	9/03	
11XCO11345 (7642014010207)	New Orleans to Calcasieu River-West Section (New edition due to numerous Notice to Mariners corrections)	175,000	<u>31</u>	<u>12/02</u>	NOS	1-94	9/03	
11XCO11369 (7642014010214)	Lakes Pontchartrain and Maurepas (LORAN-C) (New edition due to numerous Notice to Mariners corrections)	80,000	<u>44</u>	<u>12/02</u>	NOS	1-94	9/03	
11XHA11507 (7642014010258)	Beaufort River to St. Simons Sound (Not shown on index) (New edition due to numerous general changes)	40,000	<u>31</u>	<u>12/02</u>	NOS	1-94	9/03	
12AHA12270 (7642014010325)	Eastern Bay and South River Inset: Selby Bay (Inset not shown on index) (New edition due to numerous Notice to Mariners corrections)	40,000 20,000	<u>32</u>	<u>12/02</u>	NOS	1-95	9/03	
12BCO12318 (7642014010348)	Little Egg Inlet to Hereford Inlet (LORAN-C) Inset: Absecon Inlet (Inset not shown on index) (New edition due to various general changes)	80,000 20,000	<u>41</u>	<u>12/02</u>	NOS	1-95	9/03	
13ACO13003 (7642014010401)	Cape Sable to Cape Hatteras (LORAN-C) (New edition due to numerous Notice to Mariners corrections and changes in hydrography)	1,200,000	<u>46</u>	<u>1/03</u>	NOS	1-95	9/03	
13AHA13212 (7642014010414)	Approaches to New London Harbor (New edition due to numerous Notice to Mariners corrections)	20,000	<u>35</u>	<u>12/02</u>	NOS	1-95	9/03	
14XHA14839 (7642014010661)	Cleveland Harbor (New edition due to various major changes)	10,000	<u>36</u>	<u>12/02</u>	NOS	1-96	9/03	
18AHA18450 (7642014011515)	Elliott Bay and Duwamish Waterway Continuation of Elliott Bay and Duwamish Waterway (Continuation not shown on index) (New edition due to numerous general changes and changes in traffic routing systems)	10,000 10,000	<u>17</u>	<u>12/02</u>	NOS	1-98	9/03	
18BHA18603 (7642014011580)	St. George Reef & Crescent City Harbor Inset: Crescent City Harbor (New edition due to numerous Notice to Mariners corrections)	40,000 10,000	<u>16</u>	<u>12/02</u>	NOS	1-98	9/03	
19BHA19402 (7642014011691)	French Frigate Shoals Anchorage (New edition due to changes in horizontal datum and territorial limits)	25,000	<u>6</u>	<u>12/02</u>	NOS	1-99	9/03	
MISCELLANEOUS CHARTS AND PUBLICATIONS								
WOPGN501 (INT 801) (7642014009462)	Mexican Border to Dixon Entrance (LORAN-C) (New edition due to numerous Notice to Mariners corrections)	3,500,000	<u>12</u>	<u>2002</u>	NOS	10-40	9/03	
CDPUBSD131 (7644014665857)	<u>Western Mediterranean (Enroute), 2002</u>				GPO	10-19, 38	9/03	

SECTION II

NIMA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

Price Categories effective 1 October 2002

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

CHS Canadian Hydrographic Service

DS Distribution Limited

GPO Government Printing Office

NOS National Ocean Service

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To locate the nearest NOS Sales Agents in your area, go to - <http://acc.nos.noaa.gov/Naut/NautAgents.html>

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

NAVIGATION PUBLICATIONS

SAILING DIRECTIONS CORRECTIONS

PUB 120 2 Ed 2001 LAST NM 8/03

Page 58—Line 25/R; insert after:

Vessels navigating in Chilean channels should maintain a listening watch on 2182 kHz. Upon sighting another vessel, contact should be established on 2182 kHz prior to switching to VHF channel 16.

In addition, vessels should make a general call every 10 minutes, from 10 miles prior to entering a dangerous passage until clear of the passage, stating:

1. Vessel's identity.
2. Position.
3. ETA at next dangerous passage.

(BA NP 286(5)) 9/03

Page 78—Line 9/R; read:

24 hours in advance to Guayaquil coast radio station. Any changes to the ETA of over 1 hour should be reported at least 12 hours in advance.

(BA NP 286(5)) 9/03

PUB 131 10 Ed 2002 NEW EDITION
(NIMA) 9/03

PUB 140 2 Ed 2001 LAST NM 8/03

Page 94—Lines 5 to 6/L; strike out.
(7(210)02 Athens)

9/03

PUB 143 7 Ed 2000 LAST NM 25/02

Page 12—Line 11/R; read:
the NW extremity of the island. A light (Men-Brial) is shown
(3(13)00 Brest) 9/03

Page 13—Line 33/R; read:

standing on the point. A prominent disused lighthouse and a
(3(13)00 Brest) 9/03

Page 14—Lines 30 to 31/R; strike out.
(50(25)01 Brest) 9/03

PUB 191 9 Ed 2000 LAST NM 2/03

Page 133—Lines 18 to 57/R; read:
WNW of Beachy Head. The port is used by commercial vessels and cross-channel ferries.

Tides—Currents.—Tides rise about 6.7m at springs and 5m at neaps.

Depths—Limitations.—The entrance channel, which has a least width of 70m, is dredged to a depth of 6m. The S part of the harbor adjacent to the ferry berths is dredged to a depth of 5.5m. There is a marina and berths for small craft on the W side of the harbor. East Quay, at the E side of the

harbor, is the main commercial wharf. It is 510m long and provides five berths with depths of 4.5 to 5m alongside. North Quay is 360m long and has a depth of 2.1m alongside.

Vessels up to 165m in length and 7.6m draft can be handled at HW. Large vessels take the soft mud bottom at LW.

Aspect.—The harbor may be easily identified from seaward by its outer breakwater curving from the W shore. A light is shown from a prominent tower, 14m high, standing on the breakwater head.

A conspicuous television mast stands on high ground about 1 mile NW of the harbor entrance.

Pilotage.—Pilotage is compulsory for all vessels over 49m in length. Vessels should send an ETA 12 hours in advance through their agent. Vessels should then send a request for pilotage 2 hours before ETA on VHF channel 12. Pilots can be contacted by VHF and board about 1 mile SW of the breakwater.

Regulations.—No vessel may enter or leave the harbor without permission from the harbormaster or in contravention of the traffic signals.

No vessel may be navigated so as to interfere in any manner with the arrival or departure of an advertised passenger vessel.

Signals.—The following traffic signals, displayed vertically, are shown from a mast near the head of the West Pier:

1. An orange triangle over an orange ball by day, or a green light at night, indicates that vessels may enter the harbor, but no vessels may leave.

2. An orange ball over an orange triangle by day, or a red light at night, indicates that vessels may leave the harbor, but no vessels may enter.

3. An orange triangle with an orange ball above and below it by day, or a green light with a red light above and below it at night, indicates that the port is temporarily closed to traffic.

4. An orange ball by day, or a green light over a red light at night, indicates that vessels less than 15m in length may enter or leave with care.

Anchorage.—Good anchorage, during offshore or E winds, can be taken in a depth of 7m in Seaford Road, about 1.3 miles ESE of the breakwater head. It is reported (2000) that anchorage can be taken in a depth of 14m, good holding ground, about 1 mile SW of the breakwater.

Caution.—High speed craft may be encountered in the approaches to the port.

An outfall pipeline extends about 1 mile S from a point on the shore 0.5 mile E of the harbor entrance.

The entrance channel is subject to siltation and local knowledge is required.

7.10 Brighton (50°49'N., 0°08'W.), a coastal resort center, is situated 8 miles WNW of Newhaven. The coast between this town and Shoreham, about 4 miles W, is built up and contains many churches, hotels, and large buildings.

Two piers, which are no longer usable, front the town of Brighton and an extensive marina, protected by two curved

PUB 191 (Continued)

breakwaters, is situated at its E end. It is reported (2002) that the westernmost pier was destroyed by a storm.

Rodean School, with a rambling building and two spires, is situated 0.4 mile E of the marina and is prominent from sea-ward.

A conspicuous television tower stands on a hill at the E end of Brighton, about 0.8 mile NW of the marina.

A prominent black windmill stands near the shore, about 1.3 miles ESE of the marina.

Caution.—Lobster pots are frequently placed up to 0.5 mile offshore between Brighten and Newhaven.

Several lighted buoys (special), which are used as recreational racing marks, are moored up to 3 miles offshore between Shoreham and Newhaven. Other temporary buoys may be moored close off Brighton, from March to October.

A sewer outfall pipeline, the seaward end of which is marked by a lighted buoy, extends about 1 mile SSW from a point on the shore about 3 miles ESE of the marina.

(BA NP 28; Lloyds Ports) 9/03

COAST PILOT CORRECTIONS

**COAST PILOT 1 32 Ed 2001 Change No. 22
LAST NM 3/03**

Page 49—Paragraph 371; read:

§110.130 Bar Harbor, Maine.

(a) *Anchorage grounds.* (1) Anchorage "A" is that portion of Frenchman Bay, Bar Harbor, ME enclosed by a rhumb line connecting the following points:

Latitude	Longitude
44°23'43"N	068°12'00"W; thence to
44°23'52"N	068°11'22"W; thence to
44°23'23"N	068°10'59"W; thence to
44°23'05"N	068°11'32"W; returning to start

(2) Anchorage "B" is that portion of Frenchman Bay, Bar Harbor, ME enclosed by a rhumb line connecting the following points:

Latitude	Longitude
44°24'33"N	068°13'09"W; thence to
44°24'42"N	068°11'47"W; thence to copied
44°24'11"N	068°11'41"W; thence to
44°24'02"N	068°13'03"W; returning to start

(b) *Regulations.* (1) Anchorage A is a general anchorage ground reserved for passenger vessels, small commercial vessels and pleasure craft. Anchorage B is a general anchorage ground reserved primarily for a passenger vessels 200 feet and greater.

(2) These anchorage grounds are authorized for use year round.

(3) Temporary floats or buoys for marking anchors will

be allowed in all anchorage areas.

(4) Fixed mooring, piles or stakes are prohibited.

(5) Any vessels anchored in this area shall be capable of moving and when ordered to move by the Captain of the Port shall do so with reasonable promptness.

(6) The anchoring of vessels is under the coordination of the local Harbormaster.

§110.132 Rockland Harbor, Maine.

(CL 2111/02)

9/03

Page 49—Paragraph 378; read:

§110.133 Kennebec River in vicinity of Bath, Maine.

(CL 2111/02)

9/03

Page 49—Paragraph 384; read:

§110.134 Portland Harbor, Maine.

(CL 2111/02)

9/03

Page 50—Paragraph 390; read:

§110.138 Boston Harbor, Mass.

(CL 2111/02)

9/03

Page 165—Paragraph 236, line 1; read:

Goose Rocks Light (44°08'08"N., 68°49'50"W.), 51 feet

... (48/02 CG1; LL/02)

9/03

Page 167—Paragraph 279, lines 1 to 2; read:

Prominent features.—Heron Neck Light (44°01'30"N., 68°51'44"W.), 92 feet above the water, is shown from a white tower ...

(48/02 CG1; LL/02)

9/03

Page 172—Paragraph 368, line 4; read:

Rockland Harbor. (See **110.1** and **110.132**, chapter 2, for limits ...)

(CL 2111/02)

9/03

Page 184—Paragraph 38, line 4; read:

Light (43°50'12"N., 69°30'21"W.), 79 feet above the water, is shown ...

(48/02 CG1; LL/02)

9/03

Page 189—Paragraph 143, line 3; read:

Ram Island Light (43°48'14"N., 69°35'57"W.), 36 feet above the water, ...

(48/02 CG1; LL/02)

9/03

Page 197—Paragraph 314, line 2; read:

110.133, chapter 2, for limits and regulations.)

(CL 2111/02)

9/03

Page 206—Paragraph 504, line 3; read:

(43°39'21"N., 70°02'12"W.), 77 feet above the water, shown from a ...

(48/02 CG1; LL/02)

9/03

COAST PILOT 1 (Continued)

Page 213—Paragraph 663, line 4; read:

110.6, 110.6a, and 110.134, chapter 2, for limit and regulations.)

(CL 2111/02)

9/03

Page 256—Paragraph 68, lines 2 to 10; read:

most commonly used anchorage for ships and barges in Boston Harbor. The anchorage in Nantasket Roads north of Peddocks Island has scattered shoal areas and rocks. The anchorage on the westerly side of Georges Island has depths up to 36 feet and better bottom. This anchorage is frequently used by vessels seeking shelter from easterly winds.

(CL 544/02)

9/03

Page 272—Paragraph 129, lines 4 to 7; read:

wharf at Wellfleet. In February 2002, the midchannel controlling depth was 7.6 feet in the channel to the anchorage basin, thence depths in the basin range from 6.7 to 10 feet along the north edge, gradually shoaling to 1.2 feet along the south edge with shoaling to bare in the southeast section. The channel is subject to frequent changes, ...

(BPs 179634-35; CL 2384/02)

9/03

COAST PILOT 1**32 Ed 2001****Change No. 23**

Page 60—Paragraph 739, line 3 to Paragraph 764; read:

received and handled without mark or count.

Certain dangerous cargo includes any of the following:

(a) Division 1.1 or 1.2, explosive materials, as defined in 49 CFR 173.50.

(b) Division 5.1, Oxidizing materials, or Division 1.5, blasting agents, for which a permit is required under 49 CFR 176.415, or for which a permit is required as a condition of a Research and Special Programs Administration exemption.

(c) Division 4.3, Spontaneously Combustible products in excess of 60 metric tons per vessel.

(d) Division 6.1, Poison-Inhalation Hazard, products in bulk packagings.

(e) Class 7, highway route controlled quantity radioactive material, or fissile material, controlled shipment, as defined in 49 CFR 173.403.

(f) Each cargo under Table 1 of 46 CFR part 153 when carried in bulk.

(g) Each cargo under Table 4 of 46 CFR part 154 when carried in bulk.

(h) Butylene Oxide, Chlorine, and Phosphorous, elemental when carried in bulk.

Charterer means the person or organization that contracts for the majority of the carrying capacity of a ship for the transportation of cargo to a stated port for a specified period. This includes “time charterers” and “voyage charterers”.

Crewmember means all persons carried on board the vessel to provide navigation and maintenance of the vessel, its machinery, systems, and arrangements essential for propulsion and safe navigation or to provide services for other persons on board.

(FR 10/04/01; FR 08/19/02)

9/03

Page 60—Paragraph 773, line 7 to Page 61—Paragraph 836; read:

protection, or national security.

§160.207 [Suspended]**§160.T208 Notice of arrival: Vessels bound for ports or places in the United States.**

(a) The owner, agent, master, operator, or person in charge of a vessel on a voyage of 96 hours or more must submit the information under paragraph (c) of this section at least 96 hours before entering the port or place of destination.

(b) The owner, agent, master, operator, or person in charge of a vessel on a voyage of less than 96 hours must submit the information under paragraph (c) of this section prior to departing the port or place of departure, but no less than 24 hours before entering the port or place of destination.

(c) The following information must be submitted as prescribed by §160.T204:

(1) For each U.S. port of arrival, provide the names of the receiving facility, the port or place of destination, the city, and state;

(2) Estimated date and time of arrival at each port or place;

(3) Name of the vessel;

(4) Country of registry of the vessel;

(5) Call sign of the vessel;

(6) International Maritime Organization (IMO) international number or, if vessel does not have an assigned IMO international number, the official number of the vessel;

(7) Name of the registered owner of the vessel;

(8) Name of the operator of the vessel;

(9) Name of the classification society of the vessel;

(10) General description of cargo onboard the vessel (e.g.: grain, container, oil, etc.);

(11) Date of departure and name of the port from which the vessel last departed;

(12) Name and telephone number of a 24-hour point of contact for each port included in the notice of arrival;

(13) Location or position of the vessel at the time of the report;

(14) A list of crewmembers onboard the vessel. The list must include the following information for each person:

(i) Full name;

(ii) Date of birth;

(iii) Nationality;

(iv) Passport number or mariners document number; and

(v) Position or duties on the vessel;

(15) A list of persons in addition to the crew onboard the vessel. The list must include the following information for each person:

(i) Full name;

(ii) Date of birth;

(iii) Nationality; and

(iv) Passport number; and

(16) Name of the vessel’s charterer.

(d) You may submit a copy of INS Form I-418 to meet

COAST PILOT 1 (Continued)

the requirements of paragraphs (c)(14) and (c)(15) of this section.

(e)(1) Any changes to the information required by paragraphs (c) or (h) of this section must be reported as soon as practicable but no less than 24 hours before entering the port of destination.

(2) Any changes to the arrival time or the departure time in a submitted notice of arrival (NOA) that are less than six (6) hours need not be reported.

(3) When reporting changes, only report specific items to be corrected in the submitted NOA report. Do not resubmit the entire NOA report.

(f) International Safety Management (ISM) Code (Chapter IX of SOLAS) Notice. If you are the owner, agent, master, operator, or person in charge of a vessel that is 500 gross tons or more and engaged on a foreign voyage to the United States, you must provide the ISM Code notice described in paragraph (g) as follows:

(1) ISM Code notice beginning January 26, 1998, if your vessel is—a passenger vessel carrying more than 12 passengers, a tank vessel, a bulk freight vessel, or a high-speed freight vessel.

(2) ISM Code notice beginning January 1, 2002, if your vessel is—a freight vessel not listed in paragraph (f)(1) of this section or a self-propelled mobile offshore drilling unit (MODU).

(g) ISM Code notice includes the following:

(1) The date of issuance for the company's Document of Compliance certificate that covers the vessel.

(2) The date of issuance for the vessel's Safety Management Certificate, and,

(3) The name of the Flag Administration, or the recognized organization(s) representing the vessel flag administration, that issued those certificates.

(h) Any vessel planning to enter two or more consecutive ports or places in the United States during a single voyage may submit one consolidated Notification of Arrival at least 96 hours before entering the port or place of destination. The consolidated notice must include the port name and estimated arrival date for each destination of the voyage. Any vessel submitting a consolidated notice under this section must still meet the requirements of paragraph (e) of this section concerning changes to required information.

§160.209 [Reserved]**§160.211 [Suspended]****§160.T212 Notice of arrival: Vessels carrying certain dangerous cargo.**

(a)(1) The owner, agent, master, operator, or person in charge of a vessel, other than a barge, carrying certain dangerous cargo that is bound for a port or place in the United States that is 96 hours or more away from the vessel's port of departure must report the information in paragraph (b) of this section at least 96 hours before entering the port or place of destination; or

(2) The owner, agent, master, operator, or person in charge of a vessel, other than a barge, carrying certain dangerous cargo that is bound for a port or place in the United

States that is less than 96 hours away from the vessel's port of departure must report the information in paragraph (b) of this section prior to departing the port or place of departure, but no less than 24 hours before entering the port or place of destination.

(b) The following information must be submitted as prescribed by §160.T204:

(1) For each U.S. port of arrival, provide the names of the receiving facility, the port or place of destination, the city, and state;

(2) Estimated date and time of arrival at each port or place;

(3) Name of the vessel;

(4) Country of registry of the vessel;

(5) Call sign of the vessel;

(6) International Maritime Organization (IMO) international number or, if the vessel does not have an assigned IMO international number, the official number of the vessel;

(7) Name of the registered owner of the vessel;

(8) Name of the operator of the vessel;

(9) Name of the classification society of the vessel;

(10) Date of departure and name of the port from which the vessel last departed;

(11) Name and telephone number of a 24-hour point of contact for each port included in the notice of arrival;

(12) Location or position of the vessel at the time of the report;

(13) Name of each of the certain dangerous cargoes carried;

(14) Amount of each of the certain dangerous cargoes carried;

(15) Stowage location of each of the certain dangerous cargoes carried;

(16) General description of cargo, other than dangerous cargoes, onboard the vessel;

(17) Operational condition of the equipment under §164.35 of this chapter;

(18) A list of crewmembers onboard the vessel. The list must include the following information for each person:

(i) Full name;

(ii) Date of birth;

(iii) Nationality;

(iv) Passport number or mariners document number; and

(v) Position or duties on the vessel;

(19) A list of persons in addition to the crew onboard the vessel. The list must include the following information for each person:

(i) Full name;

(ii) Date of birth;

(iii) Nationality; and

(iv) Passport number.

(20) Name of the vessel's charterer.

(c) You may submit a copy of INS Form I-418 to meet the requirements of paragraphs (b)(18) and (b)(19) of this section.

(d)(1) Any changes to the information required by paragraphs (b) or (f) of this section must be reported as soon as practicable but no less than 24 hours before entering the port

COAST PILOT 1 (Continued)

of destination.

(2) Any changes to the information required by paragraph (e) of this section must be reported as soon as practicable but no less than 12 hours before entering the port of destination.

(3) Any changes to the arrival time or the departure time in a submitted notice of arrival (NOA) that are less than six (6) hours need not be reported.

(4) When reporting changes, only report specific items to be corrected in the submitted NOA report. Do not resubmit the entire NOA report.

(e) The owner, agent, master, operator or person in charge of a barge bound for a port or place in the United States carrying certain dangerous cargo shall report the information required in paragraphs (b)(1) through (b)(6) and (b)(10) through (b)(19) of this section as prescribed by §160.T204 at least 12 hours before entering that port or place.

(f) Any vessel planning to enter two or more consecutive ports or places in the United States during a single voyage may submit one consolidated Notification of Arrival at least 96 hours before entering that the first U.S. port or place of destination. The consolidated notice must include the port name and estimated arrival date for each destination of the voyage. Any vessel submitting a consolidated notice under this section must still meet the requirements of paragraphs (d) of this section concerning changes to required information.

§160.213 [Suspended]**§160.T214 Notice of departure: Vessels carrying certain dangerous cargo.**

(a) The owner, agent, master, operator, or person in charge of a vessel, except a barge, departing from a port or place in the United States for any other port or place and carrying certain dangerous cargo, must submit a notice of departure as prescribed by §160.T204 at least 24 hours before departing, unless this notification was made within 2 hours after the vessel's arrival, of the:

(1) For each U.S. port of arrival, provide the names of the receiving facility, the port or place of destination, the city, and state;

(2) Estimated date and time of arrival at each port or place;

(3) Name of the vessel;

(4) Country of registry of the vessel;

(5) Call sign of the vessel;

(6) International Maritime Organization (IMO) international number or, if the vessel does not have an assigned IMO international number, the official number of the vessel;

(7) Name of the registered owner of the vessel;

(8) Name of the operator of the vessel;

(9) Name of the classification society of the vessel;

(10) Date and time of departure and name of the receiving facility, the port or place of destination, the city, and state from which the vessel last departed;

(11) Name and telephone number of a 24-hour point of contact for each port included in the notice of arrival;

(12) Location or position of the vessel at the time of the

report;

(13) Name of each of the certain dangerous cargoes carried;

(14) Amount of each of the certain dangerous cargoes carried;

(15) Stowage location of each of the certain dangerous cargoes carried;

(16) General description of cargo other than dangerous cargoes, onboard the vessel;

(17) Operational condition of the equipment under §164.35 of this chapter;

(18) A list of crewmembers onboard the vessel. The list must include the following information for each person:

(i) Full name;

(ii) Date of birth;

(iii) Nationality;

(iv) Passport number or mariners document number; and

(v) Position or duties on the vessel;

(19) A list of persons in addition to the crew onboard the vessel. The list must include the following information for each person:

(i) Full name;

(ii) Date of birth;

(iii) Nationality; and

(iv) Passport number.

(b) You may submit a copy of INS Form I-418 to meet the requirements of paragraphs (a)(18) and (a)(19) of this section.

(c)(1) Any changes to the information required by paragraph (a) of this section must be reported prior to departing.

(2) Any changes to the arrival time or the departure time in a submitted notice of departure (NOD) that are less than six (6) hours need not be reported.

(3) When reporting changes, only report specific items to be corrected in the submitted NOD report. Do not resubmit the entire NOD report.

(d) The owner, agent, master, operator, or person in charge of a barge departing from a port or place in the United States for any other port or place and carrying certain dangerous cargo shall report the information required in paragraphs (a)(1) through (a)(6) and (a)(10) through (19) of this section as prescribed by §160.T204 at least 4 hours before departing, unless this report was made within 2 hours after the barge's arrival.

(FR 10/04/01; CL 1999/01; FR 11/19/01;

FR 1/18/02; FR 08/19/02) 9/03

Page 117—Paragraph 108, line 2; read:

St. Croix River Light (45°07'42"N., 67°08'02"W.), 101 feet above the water, ...

(48/02 CG1; LL/02)

9/03

Page 126—Paragraph 111, line 5; read:

night. **Emms Rock Light 9** (44°31'45"N., 67°33'56"W.), 28 feet ...

(48/02 CG1; LL/02)

9/03

COAST PILOT 1 (Continued)

Page 144—Paragraph 226, lines 3 to 4; read:

Desert Island. **Bass Harbor Head Light** ($44^{\circ}13'19"N$, $68^{\circ}20'14"W$), 56 feet above the water, is shown from a white tower ...

(48/02 CG1; LL/02)

9/03

html.)

(01/03 CG7)

9/03

Page 146—Paragraph 258, lines 3 to 4; read:

fishermen and yachtsmen. **Burnt Coat Harbor Light** ($44^{\circ}08'03"N$, $68^{\circ}26'50"W$), 75 feet above the water, is shown from a square ...

(48/02 CG1; LL/02)

9/03

**COAST PILOT 8 24 Ed 2002 Change No. 14
LAST NM 51/02**

Page 15—Paragraph 387, line 3 to Paragraph 388, line 3; read:

bathymetric map are referred. The tidal datum of **Mean Lower Low Water** has been used as Chart Datum along the east, west and Gulf coasts, including the coasts of Alaska, Hawaii, the West Indies and other United States and United Nations islands of the Pacific.

Mean Lower Low Water is defined as the arithmetic mean

...
(CL 68/03; NOS/03)

9/03

Page 43—Paragraph 251, line 2; read:

elemental when carried in bulk.

Charterer means the person or organization that contracts for the majority of the carrying capacity of a ship for the transportation of cargo to a stated port for a specified period. This includes “time charterers” and “voyage charterers”.

(FR 08/19/02)

9/03

Page 43—Paragraph 261, line 4; read:

country and that is not engaged in commercial service.

Time charterer means the party who hires a vessel for a specific amount of time. The owner and his crew manage the vessel, but the charterer selects the ports of destination.

Voyage charterer means the party who hires a vessel for a single voyage. The owner and his crew manage the vessel, but the charterer selects the ports of destination.

(FR 08/19/02)

9/03

Page 44—Paragraph 301; read:

(iv) Passport number; and
(16) Name of the vessel’s charterer.
(FR 08/19/02)

9/03

Page 127—Paragraph 343, line 7; read:

of Fawn Island. A 3.25 -fathom (6m) spot is 0.8 mile SW and a 2.25 -fathom (4.1m) spot is 0.5 mile SE of Fawn ...

(CL 2179/02)

9/03

Page 268—Paragraph 28; read:

Distances Between United States Ports (available on the internet only at <http://chartmaker.ncd.noaa.gov/nsd/ports>.

COAST PILOT 9**20 Ed 2002****Change No. 12
LAST NM 6/03**

Page 16—Paragraph 390, line 3 to Paragraph 391, line 3; read:

bathymetric map are referred. The tidal datum of **Mean Lower Low Water** has been used as Chart Datum along the east, west and Gulf coasts, including the coasts of Alaska, Hawaii, the West Indies and other United States and United Nations islands of the Pacific.

Mean Lower Low Water is defined as the arithmetic mean

...
(CL 68/03; NOS/03)

9/03

Page 112—Paragraph 488, line 9; read:

is advised when entering the bay, to avoid the charted rock at midentrance and also because of the irregularity of the bottom. In entering, ...

(CL 2335/02)

9/03

Page 153—Paragraph 1178, lines 7 to 9; read:

September 2002, the controlling depth in the entrance channel was 17 feet (19 feet at midchannel) to the beginning of the piers thence 12 feet to the end of the project. In 1998, there were depths ...

(BPs 179234-35)

9/03

Page 325—Paragraph 369, line 3; read:

1993-June 2002, had a controlling depth of 17 feet. The entrance is ...

(CL 2208/02; H 11095)

9/03

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
15355	- Buoy 1	41 17 32 N 70 26 53 W				Green can.	*

9/03

*Change Note to Read:

Fox Creek

*Aids maintained from May 15 to Oct. 15 unless otherwise noted.

29600	- Channel Lighted Buoy 1	Fl G 4s		Green.	Private aid.
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9/03

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
11040	- CHANNEL LIGHT 9		Fl G 4s	16	4	SG on multi-pile structure.	Light equipment removed from Dec. 1 to Mar. 15.

*

9/03

Nansemond River

11060	- CHANNEL LIGHT 11		Fl G 4s	15	4	SG on multi-pile structure.	Light equipment removed from Dec. 1 to Mar. 15.
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9/03

11075	- CHANNEL LIGHT 12		Fl R 4s	15	3	TR on multi-pile structure.	Light equipment removed from Dec. 1 to Mar. 15.
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9/03

11120	- CHANNEL LIGHT 25		Fl G 4s	15	4	SG on pile.	Light equipment removed from Dec. 1 to Mar. 15.
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*

9/03

29325	MIDDLE MARSHES JUNCTION LIGHT MM 20 feet outside channel limit.	34 41 40 N 76 35 23 W	Fl (2+1) R 6s	15	4	JR on pile.	Ra ref.
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9/03

34610	DAVIS CHANNEL LIGHT 1		Fl G 4s	15	4	SG on pile.	
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*

9/03

38905	- Light 17	34 43 30 N 76 51 40 W	Fl G 2.5s	15	3	SG-SY on pile.	
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9/03

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III ATLANTIC AND GULF COAST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
590	St. Augustine Light	29 53 06 N 81 17 18 W	FFI W 30s	161	F 19 Fl 24	Conical tower, white base with black cornice; black and white spirally-banded shaft; black below lantern gallery deck; red above.	Private aid. * 9/03
2375	- Channel Lighted Buoy 8		Fl R 2.5s		4	Red.	 * 9/03
2380	- Channel Lighted Buoy 10		Fl R 4s		4	Red.	 * 9/03
2400	- Channel Lighted Buoy 12		Fl R 6s		4	Red.	 * 9/03
2530	- Lighted Buoy 31		Fl G 4s		4	Green.	 * 9/03
2585	- RANGE D REAR LIGHT 211 yards, 174.8° from front light.		Iso W 6s	38		KRW on skeleton tower on piles. Visible 2° each side of rangeline.	 * 9/03

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*1354	Denbury-101-1&2 Lighted Buoy Marks subsea installation.	27 11 11 N 96 48 20 W	Q R			Red.	SIGN: DENBURY-NPI-A9-1&2 Private aid. 9/03
4080 31575	- NAVY RANGE REAR LIGHT 300 yards, 273.5° from front light.		Iso G 6s	58		On skeleton tower on piles.	Visible 2° each side of rangeline. * 9/03
7365	- CHANNEL RANGE D FRONT LIGHT	30 16 26 N 88 30 47 W	Q W	25	4	KRW on skeleton tower on piles.	Visible all around; higher intensity on rangeline. * * 9/03

WAVELAND TO CATAHOULA BAY (Chart 11367)

Bayou Caddy

9100	- LIGHT 1	30 13 52 N 89 24 07 W	Fl G 6s	17	4	SG on dolphin.	Ra ref. * 9/03
9575	- LIGHT 4	30 10 01 N 89 43 00 W	Fl R 4s	17	3	TR on dolphin.	Ra ref. * 9/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
19565	- LIGHT 16		Fl R 4s	17	4	TR on pile.	Ra ref.
				*			9/03
22730	GALVESTON NORTH JETTY LIGHT WR2 Marks derelict wreck.	29 21 51 N 94 44 39 W	Q R	17	3	TR on pile.	
				*			9/03

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI PACIFIC COAST AND PACIFIC ISLANDS, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
SAN DIEGO TO ALEUTIAN ISLANDS AND HAWAIIAN ISLANDS (Chart 530)							
765.1	NOAA Data Lighted Buoy 46002	42 31 10 N 130 19 10 W	Fl (4) Y 20s			Yellow boat-shaped hull.	
		*					9/03
765.2	NOAA Data Lighted Buoy 46005	46 03 00 N 131 01 12 W	Fl (4) Y 20s			Yellow boat-shaped hull.	
		*					9/03
3590	Ormond Beach Buoy OB2	34 07 22 N 119 10 32 W				Red nun.	Private aid.
		*					9/03
3591	Ormond Beach Discharge Buoy	34 04 26 N 119 10 27 W				White with orange bands; triangular shaped.	Private aid.
		*					9/03
*8386	CRESCENT CITY HARBOR LIGHT 9	41 44 41 N 124 11 13 W	Fl G 2.5s	15	3	On pile.	
							9/03
*8387	CRESCENT CITY HARBOR LIGHT 10	41 44 39 N 124 11 09 W	Fl R 2.5s	15	3	On pile.	
							9/03
*8388	CRESCENT CITY HARBOR LIGHT 11	41 44 44 N 124 11 07 W	Fl G 4s	15	3	On pile.	
							9/03
11085	DUCK CLUB LIGHT 6	45 49 27 N 122 47 53 W	Q R	22	5	TR on pile structure.	Ra ref.
				*			9/03
11125	BACHELOR DIKE LIGHT 15	45 47 04 N 122 46 17 W	Fl G 4s	32	4	SG on dolphin.	
				*			9/03
11205	- Dike Daybeacon 39	45 40 05 N 122 45 50 W				SG on dolphin.	
				*			9/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI PACIFIC COAST AND PACIFIC ISLANDS, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
12615	MESSNER UPPER RANGE FRONT LIGHT	45 51 17 N 119 39 59 W	Q W	14		KRB on pile structure.	Visible 4° each side of rangeline.
		*					9/03
14990	Stevens Point Buoy 5	45 28 11 N 122 39 57 W				Green can.	
		*					9/03
16365	Salmon Bank Lighted Gong Buoy 3	48 25 36 N 122 58 37 W	Fl G 4s	5	Green.		
		*		*			9/03
16370	Rosario Strait Traffic Lane Separation Lighted Buoy RA	48 19 45 N 122 58 39 W	Fl Y 4s	6	Yellow.	RACON: N (- •)	
				*			9/03
Puget Sound							
16550	Point No Point Light	47 54 44 N 122 31 37 W	Fl (3) W 10s 0.1s fl 5.9s ec.	27	17	White octagonal tower on building. 20	Emergency light Iso W 6s, operates at reduced intensity. Lighted throughout 24 hours. HÖRN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si).
		*			*		9/03
16695	Edmonds Dock Fog Signal					Remove from list.	
						*	9/03
18391	Mercer Island Pipeline Buoy					Remove from list.	
						*	9/03
19920	- LIGHT 4	48 59 32 N 122 47 03 W	Fl R 6s	15	6	TR on pile structure.	Visible from 024° to 294°.
	*	*	*	*	*	*	9/03

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Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2003 EDITION							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
12912 J 4958	Cabo Lucrecia.	21° 04.3' N 75° 37.3' W	Fl.W. period 5s	132 40	25	White stone tower, octagonal base; 121.	Aeromarine light. Reserve light range 7M.
	RACON	*					9/03
13375.6 J 5087.3	-No. "4".						Remove from list.
13377 J 5087.9	-No. "14".						Remove from list.
*13630 J 5193.5	-Pasa La Manteca.	22° 00.7' N 82° 42.8' W	Fl.W. period 8s	49 15	14	Red and white round tower; 44.	*
							9/03
13652 J 5161	-Sur Bajo La Gata.	22° 21.1' N 82° 25.7' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	16 5	9	PORT (B) G, beacon, topmark.	*
		*			*		9/03
13656 J 5160	-Cayo Monterrey.	22° 20.0' N 82° 20.1' W	Fl.W. period 10s	36 11	14	White metal framework tower, on piles; 44.	*
		*	*	*	*	*	9/03
CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2002 EDITION							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
9460 K 1656	-Derby Range, front.	17° 17.4' S 123° 36.6' E	Q.W.	46 14	6	Orange triangular daymark, point up.	*
							9/03
9464 K 1656.1	--Rear, 400 meters 138°44' from front.	17° 17.7' S 123° 36.9' E	Iso.W. period 4s	79 24	6	Orange triangular daymark, point down.	*
		*			*		9/03
14953 G 3513.2	Rio San Lorenzo.	24° 16.0' N 107° 27.0' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	59 18	10	White truncated pyramidal metal tower; 53.	*
			*		*	*	9/03
15156 G 3471	Bufadero Bluff.	18° 03.6' N 102° 44.9' W	Fl.(4)W. period 16s	138 42	18	White square stone tower; 52.	*
		*			*	*	9/03
15192 G 3465.7	El Calvario.	17° 23.0' N 101° 09.0' W	Fl.W. period 6s fl. 1s, ec. 5s	492 150	10	Truncated pyramidal aluminum tower; 23.	*
							9/03

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SECTION II

CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
15296 <i>G 3431.5</i>	San Dionisio Del Mar.	16° 16.0' N 94° 46.0' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	56 17	10	White round concrete tower; 33.	*
15300 <i>G 3430</i>	La Chichi.	16° 11.0' N 94° 27.8' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	49 15	10	White round concrete tower; 39.	*
15304 <i>G 3429</i>	La Soledad.	16° 04.1' N 94° 09.3' W	Fl.W. period 6s fl. 1s, ec. 5s	49 15	10	White round concrete tower, red diagonal bands; 39.	*
15306 <i>G 3428.5</i>	Paredon.	16° 02.7' N 93° 52.5' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	36 11	8	Round concrete tower; 33.	*
15312 <i>G 3426</i>	Santa Cruz.	15° 33.4' N 93° 18.5' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	59 18	10	Red truncated conical metal tower, yellow bands, concrete base; 52.	*
15316 <i>G 3425</i>	Barra San Juan.	15° 08.3' N 92° 50.3' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	59 18	10	White round concrete tower; 52.	*
15324 <i>G 3424</i>	Puerto Madero.	14° 42.3' N 92° 24.6' W	Fl.W. period 5s	72 22	15	White round concrete tower, red bands; 72.	*
15328 <i>G 3424.2</i>	-W. breakwater.	14° 42.0' N 92° 24.7' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	33 10	8	White round concrete tower; 23.	*
15333 <i>G 3424.9</i>	Muelle de Pesca, No. "1".	14° 44.3' N 92° 25.1' W	Iso.R. period 2s	13 4	3	Red round fiberglass tower on rectangular concrete base; 10.	*

PUERTO MADERO:

15328 <i>G 3424.2</i>	-W. breakwater.	14° 42.0' N 92° 24.7' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	33 10	8	White round concrete tower; 23.	*
15333 <i>G 3424.9</i>	Muelle de Pesca, No. "1".	14° 44.3' N 92° 25.1' W	Iso.R. period 2s	13 4	3	Red round fiberglass tower on rectangular concrete base; 10.	*

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SECTION II

CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
15334 G 3424.7	Muelle Fiscal, No. "3".	14° 42.7' N 92° 24.3' W	Iso.G. period 2s	13 4	3	Green round fiberglass tower; 10.	*
				*	*		9/03
15336 G 3424.4	-Entrance Range, front.	14° 42.6' N 92° 23.9' W	Fl.W. period 3s fl. 1s, ec. 2s	56 17	13	Truncated pyramidal metal tower; 39.	*
				*	*		9/03
15340 G 3424.1	--Rear, 250 meters 044° from front.	14° 42.7' N 92° 23.8' W	Iso.W. period 2s	75 23	13	Truncated pyramidal metal tower; 69.	*
				*			9/03
15341 G 3424.8	-Muelle de Pesca Range, front.	14° 42.2' N 92° 23.5' W	Fl.W. period 3s fl. 1s, ec. 2s	33 10	9	Truncated pyramidal metal tower; 30.	*
				*	*		9/03
15342 G 3424.81	--Rear, 250 meters 099° from front.	14° 42.1' N 92° 23.3' W	Iso.W. period 2s	66 20	11	Truncated pyramidal metal tower; 59.	*
				*			9/03
15345 G 3424.6	-Muelle Fiscal Range, front.	14° 43.3' N 92° 24.2' W	Fl.W. period 3s fl. 1s, ec. 2s	33 10	9	Truncated pyramidal metal tower; 33.	*
				*	*		9/03
15346 G 3424.61	--Rear, 270 meters 006° from front.	14° 43.4' N 92° 24.1' W	Iso.W. period 2s	52 16	11	Truncated pyramidal metal tower; 39.	*
				*	*		9/03

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
852 F 6730	Todohokke Ko, E. breakwater.	41° 49.5' N 141° 10.0' E	Fl.G. period 4s	36 11	7	White round concrete tower; 33.	*
				*	*		9/03
*3065 F 7162.3	-Fushiki-Tyoo.	36° 48.1' N 137° 04.2' E	Fl.(2)G. period 5s	39 12	6	White tower; 21.	
							9/03
*3066 F 7162.2	-N. breakwater, SE head.	36° 48.1' N 137° 04.5' E	Fl.(2)R. period 5s	43 13	10	Red tower; 33.	
							9/03
7332 F 5906	-N. harbor, N. head.	34° 40.4' N 135° 24.1' E	Fl.(3)R. period 12s	33 10	5	Red tower; 28.	*
				*	*		9/03
9348 F 4947.4	-Tsurasaki, E. breakwater, head.	33° 16.8' N 131° 40.8' E	Fl.(2)G. period 6s	43 13	5	White round concrete tower; 28.	*
				*	*		9/03

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 112, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
9360 <i>F 4947.74</i>	-E. breakwater.	33° 16.7' N 131° 39.8' E	Fl.G. period 3s	59 18	4	White round metal structure; 49.	
		*			*		9/03
11576 <i>F 5182</i>	-Moso Se.	32° 45.8' N 130° 22.7' E	Mo.(A)R. period 8s	33 10	9	STARBOARD (B) R, beacon, topmark; 36.	
*		*					9/03
11580 <i>F 5181</i>	-Breakwater.	32° 45.9' N 130° 22.5' E	Fl.(2)R. period 6s 2 fl. 2s, ec. 4s	39 12	5	Red round tower on quadrangular base; 28.	
*		*			*		9/03
*13725 <i>F 4704</i>	Ho-p'ing Hsi.	24° 18.4' N 121° 45.8' E	Dir.W.R.G.	75 23	W. 20 R. 16 G. 16	F.R. 005°-007°30', Al.R.- 009°30', F.G.-010°30', Al.G.- 012°30', F.W.-015°.	
							9/03
*13726 <i>F 4704.2</i>	-W. Breakwater, head.	24° 17.5' N 121° 45.5' E	Fl.(2)W. period 8s	75 23	15	Fl.(2)R. 8s 25m 13M light on E. Breakwater.	
							9/03
16628 <i>F 4412.6</i>	-New Harbor, W. breakwater, head.	36° 01.2' N 129° 24.3' E	Fl.G. period 5s	39 12	10	White round fiberglass structure; 29.	
		*		*	*		9/03
16632 <i>F 4412.5</i>	-New Harbor, E. breakwater.	36° 01.1' N 129° 24.6' E	Fl.R. period 5s	39 12	10	Red octagonal concrete tower; 32.	
		*		*	*		9/03
*16805 <i>F 4332</i>	Umji-do.	35° 05.4' N 128° 43.0' E	Fl.(2)W. period 5s	36 11	8	ISOLATED DANGER BRB, beacon, topmark; 43.	
							9/03
16872 <i>F 4332</i>	Somaemul To.	34° 37.2' N 128° 32.9' E	Fl.W. period 13s	298 91	26	White round concrete tower; 43. Visible 235°-285°, 295°-305°, 320°-170°. Siren: 1 bl. ev. 50s (bl. 5s, si. 45s).	
		*		*	*		9/03
*17535 <i>K 1427.4</i>	Eobuldo.	34° 19.9' N 126° 28.3' E	Fl.(3)W. period 7s	52 16	8	White hexagonal steel tower; 30.	
							9/03
*17827.15 <i>K 1072</i>	Oedo.	36° 27.2' N 126° 18.5' E	Fl.W. period 6s	171 52	8	White round concrete tower; 39.	
							9/03
24974 <i>K 1427.4</i>	Pulau Payongpayongan.	4° 22.9' S 115° 50.0' E	Fl.W. period 6s fl. 0.5s, ec. 5.5s	105 32	15	White metal framework tower; 33.	
		*		*	*		9/03
26684 <i>F 1072</i>	THURIYA LIGHTFLOAT.	15° 20.3' N 95° 10.6' E	Fl.W. period 7s	30 9	8	Black hull. Riding light F.W. Radar reflector.	
		*		*	*		9/03

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SECTION II

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*30071.7 -Power Plant. <i>D 7358.21</i>		25° 04.2' N 55° 07.3' E	Fl.(5)G. period 20s	23 7	5	White metal post; 7.	
							9/03
32060 Mbashe Point. <i>D 6438</i>		32° 14.4' S 28° 54.9' E	Fl.(2+1)W. period 38s fl. 0.3s, ec. 5.1s fl. 0.3s, ec. 16s fl. 0.3s, ec. 16s	151 46	28	White metal framework tower, red lantern; 46.	
	*		*	*	*		9/03

CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
6240 -Rear, 900 meters 081°36' <i>C 2714.1</i> from front.		53° 47.1' N 14° 37.7' E	Iso.W. period 4s	111 34	6	Red lattice tower; 32.	Synchronized with front.
	*						9/03
9572 -Soderarmsleden. <i>C 6384</i>		59° 45.2' N 19° 24.4' E	Fl.W. period 8s	102 31	16	White round stone tower, red band; 69. Floodlit.	Shown by day Nov. 1 to Mar. 31. Unintensified 050°-085°.
	*	*	*	*	*		9/03

PAVILOSTA:

12124 -Range, front. <i>C 3443</i>		56° 53.3' N 21° 10.3' E	Fl.W. period 3s fl. 1s, ec. 2s	39 12	5	Framework tower, white square daymark, black stripe; 33.	Visible on range line only.
*	*	*	*	*	*		9/03
12128 -Rear, 162 meters 144°12' <i>C 3443.1</i> from front.		56° 53.2' N 21° 10.4' E	Fl.W. period 3s fl. 1s, ec. 2s	59 18	6	Framework tower; white square daymark, black stripe; 49.	
*	*			*	*		9/03
12132 -E. mole, head. <i>C 3443.5</i>		56° 53.5' N 21° 10.1' E	F.I.R. period 3s fl. 1s, ec. 2s	26 8	2	PORT (A) R, beacon; 16.	
*	*	*	*	*	*		9/03
12136 -W. mole, head. <i>C 3443.4</i>		56° 53.5' N 21° 10.0' E	F.I.G. period 3s fl. 1s, ec. 2s	26 8	1	STARBOARD (A) G, beacon; 16.	
*	*	*	*	*	*		9/03
*12180 -Turning Basin, W. <i>C 3460</i>		57° 24.0' N 21° 34.3' E	Fl.G. period 2s fl. 0.5s, ec. 1.5s	26 8	1	STARBOARD (A) G, beacon; 16.	
							9/03
*12181 -E. <i>C 3461</i>		57° 23.9' N 21° 34.8' E	Fl.G. period 3s fl. 0.5s, ec. 2.5s	26 8	1	STARBOARD (A) G, beacon; 16.	
							9/03

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SECTION II

CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*12230 -261.5°. <i>C 3495.2</i>		57° 20.1' N 23° 08.0' E	Dir.F.W.R.G.	54 17	W. 8 R. 4 G. 4	Square metal framework tower, 41.	G. 261°03'-265°09', W.-267°51', R.-271°57'.
							9/03
*12412 -Skulte, 261.5°. <i>C 3580.15</i>		57° 19.0' N 24° 24.3' E	Dir.F.W.R.G.	38 12	W. 6 R. 3 G. 3	Square framework tower; 33.	G. 095°30'-097°30', W.-099°30', R.-101°30'. Shown 24 hours.
							9/03
12420 -N. mole, head. <i>C 3580.3</i>		57° 19.0' N 24° 24.0' E	Fl.R. period 3s fl. 0.5s, ec. 2.5s	23 7	1	PORT (A) R, beacon; 16.	Shown Apr. 10 to Jan. 30.
*				*	*	*	*
12424 -Entrance to Age River (Age Up). <i></i>							<i>Remove from list.</i>
							*
12748 Osmussaar. <i>C 3760</i>		59° 18.2' N 23° 21.7' E	Fl.(2)W. period 18s fl. 1s, ec. 2s fl. 2s, ec. 13s	128 39	11	Round concrete tower, black and white bands; 116.	
*			*	*	*		9/03
12764 Pakri neem. <i>C 3774</i>		59° 23.2' N 24° 02.3' E	L.Fl.W. period 15s fl. 5s, ec. 10s	240 73	12	Red round brick tower; 171.	Obscured 243°-011°.
*		*	*		*		9/03
12896 Keri. <i>C 3844</i>		59° 41.9' N 25° 01.4' E	L.Fl.W. period 15s fl. 2s, ec. 13s	102 31	11	Dark red round iron tower, brick base; 102.	
*		*	*	*	*		9/03
12908 Juminda Nina. <i>C 3860</i>		59° 38.8' N 25° 30.6' E	L.Fl.(2)W. period 15s fl. 3s, ec. 2s fl. 3s, ec. 7s	104 32	12	Circular concrete tower, upper part black, lower white; 79.	Shown Apr. 1 to Dec. 20.
*		*	*	*	*		9/03
12912 Mohni Saar. <i>C 3868</i>		59° 41.0' N 25° 47.7' E	L.Fl.W. period 20s fl. 4s, ec. 16s	108 33	10	Red round stone tower; 90.	Ice signals.
*		*			*		*
12928 Vaindloo. <i>C 3876</i>		59° 49.0' N 26° 21.6' E	Fl.W.R. period 15s fl. 1s, ec. 14s	65 20	W. 11 R. 7	White round tower; 56.	W. 065°-319°, R.-065°. Ice signals.
*		*	*	*	*		9/03

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SECTION II

NM 9/03

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS THROUGH NM 9/03

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

NIMA Reference No.	Ed.	Notice to Mariners No.	NIMA Reference No.	Ed.	Notice to Mariners No.	NIMA Reference No.	Ed.	Notice to Mariners No.
NIMA HYDRO CATALOG CATP2V01U			SDPUB155	2001	31*,48/01;10,45, 46/02	COMDTM165027	2002	16*,17,18,19,20,21, 22,23,25,27,29,30, 32,33,34,36,37,40, 43,45,46,47,48,50, 51,52/02;1,4,6/03
Region 1	2002	1*,2,3,4,7,8,9/03	SDPUB157	2000	20*,27,29,33,34,35, 38,41,44,48/01;1,3, 4,6,7,11,12,13,21, 23,32,47/01;2,5,9, 13,14,20,22,27, 38/02			
Region 2	2002	1*,8/03	SDPUB158	2000	50/00*,5,10,12,13, 15,17,20,24/01; 46/02	FLEET GUIDES		
Region 3	2002	1/03*	SDPUB159	2002	42*,48/02	FGPUB940ATL	2001	N47/01*
Region 4	2002	1/03*	SDPUB160	2002	47*,48,49,52/02;6, 8/03	FGPUB941PAC	2001	N22/01*
Region 5	2002	1*,3,5,8/03	SDPUB161	2002	23*,24,44,47,48/02; 5/03	NOS MISCELLANEOUS PUBLICATIONS		
Region 6	2002	1/03*	SDPUB162	2001	51/01*,5/03	NOSPBCATALOG1	2000	20/00*
Region 7	2002	1/03*	SDPUB163	2002	18*,20,21,26,46, 51/02	NOSPBCATALOG2	2000	34/00*
Region 8	2002	1/03*	SDPUB164	2000	30/00*,31,35,36/01; 8/03	NOSPBCATALOG3	2000	28/00*
Region 9	2002	1/03*	SDPUB165	2001	40*,47,48,52/01;5,9, 14,16,41/02	NOSPBCATALOG4	2000	34/00*
Miscellaneous Charts and Publications	2002	1*,2,4,5,6,7,9/03	SDPUB166	2001	1*,2,3,5,6,7,8,9,14, 15,16,17,18,19,20, 22,24/02;1/03	ALMANACS		
NIMA LIST OF LIGHTS			SDPUB167	2002	50*,51/02;3/03	AIRALMANAC301	2003	44/02*
LLPUB110	2003	7*,8,9/03	SDPUB168	2000	7*,19,37,45,51, 52/01;1,5,14,19,22, 28,33,37,38,48/02	NAUTALMANAC03	2003	44/02*
LLPUB111	2002	35*,36,37,38,39,40, 41,42,43,44,45,46, 47,48,50,51,52/02;1, 2,3,4,5,6,7,8,9/03	SDPUB169	2001	41*,43,45,51/01,8, 11,12,13,14,16,17, 21,27,37,41,49/02	COAST PILOT		
LLPUB112	2003	4*,5,6,7,8,9/03	SDPUB170	2002	32*,33,42,47,48, 50/02;6/03	NOSPBCP1	32	37*,39,41,47,51/01; 1,5,7,13,18,33,37, 39,42,45,49,51/02;3, 9/03
LLPUB113	2002	45*,47,48,50,51, 52/02;1,2,3,4,5,6,7, 8/03	SDPUB171	2001	38*,39/02	NOSPBCP2	31	44*,47,51,52/01;5,7, 12,13,18,23,33,37, 39,42,45,48,51/02;3, 6/03
LLPUB114	2002	13*,15,16,17,19,20, 21,22,23,24,31,32, 34,35,36,38,39,40, 41,43,45,46,47,48, 49,51/02;1,4,5,6/03	SDPUB172	2001	11,12,13,14,16,17, 21,27,37,41,49/02	NOSPBCP3	35	3*,5,7,12,15,17,18, 21,22,27,28,33,37, 42,45,49,51/02;3/03
LLPUB115	2002	39*,40,41,44,45,50, 51,52/02;1/03	SDPUB173	2002	50/02;2,3/03	NOSPBCP4	34	49*,51/02
LLPUB116	2002	18*,20,21,22,24,25, 26,27,29,31,34,37, 41,42,44,45,46,47, 48,49,50,52/02;1,2, 4,5,6,7,8,9/03	SDPUB174	2000	7*,19,37,45,51, 52/01;1,5,14,19,22, 28,33,37,38,48/02	NOSPBCP5	30	2*,6/03
SAILING DIRECTIONS			SDPUB175	2001	41*,43,45,51/01,8, 11,12,13,14,16,17, 21,27,37,41,49/02	NOSPBCP6	32	19*,20,21,33,39,45, 47,49,51/02;3,6/03
CDPUBSD131	2002	9/03*	SDPUB176	2002	32*,33,42,47,48, 50/02;6/03	NOSPBCP7	34	1*,3/03
CDPUBSD146	2002	4/03*	SDPUB177	2001	8*,10,12,41/02	NOSPBCP8	24	3*,5,16,17,19,23,33, 37,40,47,50,51/02; 9/03
CDPUBSD194	2002	6*,8/03	SDPUB178	2001	27/01*,13,15,16/02	NOSPBCP9	20	12*,20,23,33,37,45, 50,51/02;3,6,9/03
SDPUB120	2001	12*,18,48,49,51/01; 8,13,14,21,22,24,29, 33,35,37,42,43,44, 45,47,02;4,6,7,8, 9/03	SDPUB179	2000	5*,7,8,9,10,11,12, 13,14,15,16,17,18, 19,20,22,23,27,28, 29,30,31,33,34,36, 44,45,47,48/01;10, 14,15,16,17,42, 50/02;2,9/03	RADIO NAVIGATIONAL AIDS		
SDPUB123	2001	45*,47,48/01;1,14, 17,18,19/02	SDPUB180	2002	14*,16,17,18,24,26, 31,36,38,39,46/00;4, 14,17,21,22,23,25, 26,28,30,31,32/01;	RAPUB117	2002	50/02*
SDPUB124	2001	18*,44,45,47,48,49, 52/01;19,20,21, 29,30,31,34,46, 50/02	SDPUB181	2002	11,12,13,14,15,16, 22,23,27,36,37,42, 48,52/02;2,4,5,6,7, 8/03	AMERICAN PRACTICAL NAVIGATOR		
SDPUB125	2000	6*,9,10,20,21,40/00; 36,37,45,46/01;14, 17,33,35,38,40/02	SDPUB182	2001	38*,39/02	NVPUB9	2002	36/02*
SDPUB126	2002	39*,41,42,43,44,45, 48/02	SDPUB183	2001	27/01*,13,15,16/02	INTERNATIONAL CODE OF SIGNALS		
SDPUB127	2000	37*,38/00;18,33,40, 44,45,48,49,52/01;1, 11,13,17,18,27,33, 34,37,41,47,49, 51/02;5/03	SDPUB184	2000	5*,7,8,9,10,11,12, 13,14,15,16,17,18, 19,20,22,23,27,28, 29,30,31,33,34,36, 44,45,47,48/01;10, 14,15,16,17,42, 50/02;2,9/03	NVPUB102	1999	46/99*,52/01
SDPUB132	2000	39*,45/00;16,17,31, 35/01;1,12,21,25, 26/02;2/03	SDPUB185	2002	27*,38,49/00;9,26, 27,31,32/01;14,15, 26,52/02	WORLD PORT INDEX		
SDPUB140	2001	21*,48,49,51/01;8, 17,23,32,42,43,44, 46,47,48,50/02;4,6, 7,8,9/03	SDPUB186	2002	33*,40,49,51,52/02; 1,2,3/03	NVPUB150	2000	50/00*,14,15,16,20, 21,41,42,43,44,45, 46,47,48,49,51, 52/01;1,2,5,6,10,11, 12,16,19,21,22,27, 31,32,33,36,39,40, 42,46,49/02;2,7/03
SDPUB141	2001	21*,38/01	SDPUB187	2002	38*,39,42/02	DISTANCES BETWEEN PORTS		
SDPUB142	2000	49/00*,3,31,35/01; 1,15,43/02	SDPUB188	2001	14*,16,17,18,24,26, 31,36,38,39,46/00;4, 14,17,21,22,23,25, 26,28,30,31,32/01;	NVPUB151	2001	4/02*
SDPUB143	2000	8*,10,19,29/00;16, 26/01;1,25/02;9/03	SDPUB189	2002	11,12,13,14,15,16, 22,23,27,36,37,42, 48,52/02;2,4,5,6,7, 8/03	RADAR NAVIGATION AND MANEUVERING BOARD MANUAL		
SDPUB145	2000	13*,14,18,19,22,26, 32,37,38,46,47,51, 53/00;1,4,5,7,10,12, 28,29,35,35,52/01;14, 27/02	SDPUB190	2002	33*,36,37,40,41,42, 43,44,45,46,47,48, 49,50,51,52/02;1,2, 4,5,6,7,8,9/03	CDPUBNV1310	2001	51/01*
SDPUB147	2001	35/01*,21,22,23, 24/02	SDPUB191	2000	16*,17,18,19,20,21, 22,23,25,26,27,28, 29,30,31,32,33,34, 35,36,37,40,41,42,43, 43,44,45,46,47,48, 49,50,51,52/02;1,2, 4,5,6,7,8,9/03	SIGHT REDUCTION TABLES (MARINE)		
SDPUB148	2001	48/01*,23,24/02	SDPUB192	2000	14*,16,17,18,24,26, 31,36,38,39,46/00;4, 14,17,21,22,23,25, 26,28,30,31,32/01;	SRPUB229V1	1970	11/71*
SDPUB153	2000	6/01*,28,30,41,44, 46,47,48,52/02;1,3, 4,8/03	SDPUB193	2000	11,12,13,14,15,16, 22,23,27,36,37,42, 48,52/02;2,4,5,6,7, 8/03	SRPUB229V2	1970	11/71*
SDPUB154	2002	17*,19,31,42,44,45, 46,48,50/02;3/03	SDPUB194	2002	12*,13,14,15,16,17, 22,23,27,36,37,42, 48,52/02;2,4,5,6,7, 8/03	SRPUB229V3	1970	7/71*
			SDPUB195	2002	13*,14,15,16,17,18, 22,23,27,36,37,42, 48,52/02;2,4,5,6,7, 8/03	SRPUB229V4	1970	3/71*
			SDPUB196	2002	14*,15,16,17,18,19, 22,23,27,36,37,42, 48,52/02;2,4,5,6,7, 8/03	SRPUB229V5	1970	3/71*
			SDPUB197	2002	15*,16,17,18,19,20, 22,23,27,36,37,42, 48,52/02;2,4,5,6,7, 8/03	SRPUB229V6	1970	23/70*
			SDPUB198	2002	16*,17,18,19,20,21, 22,23,25,26,27,28, 29,30,31,32,33,34, 35,36,37,40,41,42,43, 44,45,46,47,48,49,50, 51,52/02;1,2,3,4,5,7, 9/03	SIGHT REDUCTION TABLES (AIR)		
			SDPUB199	2002	17*,18,19,20,21,22, 23,24,25,26,27,28, 29,30,31,32,33,34, 35,36,37,40,41,42,43, 44,45,46,47,48,49,50, 51,52/02;1,2,3,4,5,7, 9/03	SRPUB249V1	2000	4/01*
			SDPUB200	2002	18*,19,20,21,22,23, 24,25,26,27,28, 29,30,31,32,33,34, 35,36,37,40,41,42,43, 44,45,46,47,48,49,50, 51,52/02;1,2,3,4,5,7, 9/03	SRPUB249V2	1952	46/52*
			SDPUB201	2002	19*,20,21,22,23, 24,25,26,27,28, 29,30,31,32,33,34, 35,36,37,40,41,42,43, 44,45,46,47,48,49,50, 51,52/02;1,2,3,4,5,7, 9/03	SRPUB249V3	1952	46/52*

SECTION II

**PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 9/03**

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

NIMA Reference No.	Ed.	Notice to Mariners No.		
CHART NO. 1 WOBZC1	1997	18/98*		
CHART NO. 4 WOBZC4	1988	N20/89*		
ATLAS OF PILOT CHARTS NVPUB107 1998 30/99* NVPUB109 2001 49/02*				
USCG NAVIGATION RULES COMDTM166722D 1999 44/99*,52/00				
NOS TIDE TABLES NOSPBTTCWPACIN3 2003 N4/03* NOSPBTTECSTNSA3 2003 N4/03* NOSPBTTEURAFR3 2003 N4/03* NOSPBTWCSTNSA3 2003 N4/03*				
TIDAL CURRENT TABLES NOSPBTCTATCSTN3 2003 N4/03* NOSPBTCTPACAS3 2003 N4/03*				

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 121200Z February 2003:

2001 series	219(GEN)	365(14)	2003 series	68(26)	71(GEN)
393(GEN)	346(GEN)	468(GEN)	27(11)	69(24)	73(GEN)
2002 series	351(11)	487(11)	52(11)	70(11,26)	

The summary of all NAVAREA IV messages in force as of 12 December 2002 is given in Section III of NM 52/02.

NAVAREA IV WARNINGS issued from 061200Z to 121200Z February 2003.

66/03 and 67/03. CANCELED.

68/03(26). NORTH ATLANTIC.

1. DERELECT 417 FOOT M/V WHITE SEAL ADRIFT VICINITY
31-47N 070-30W AT 061632Z FEB.
2. CANCEL NAVAREA IV 58/03.
3. CANCEL THIS MSG 13 FEB.

(062240Z FEB 2003)

69/03(24). NORTH ATLANTIC. ROCKETS.

1. HAZARDOUS OPERATIONS 2000Z TO 0900Z COMMENCING DAILY
11 FEB THRU 12 MAR IN AREAS:
 - A. WITHIN 12 MILES OF COASTLINE BETWEEN
05-19N 052-47W AND 05-04N 052-30W.
 - B. BOUND BY 05-36N 049-41W, 05-28N 049-41W,
05-17N 051-41W, 05-25N 051-42W.
 - C. BOUND BY 05-17N 043-35W, 04-57N 043-36W,
05-01N 045-36W, 05-21N 045-36W.
 - D. BOUND BY 04-51N 040-02W, 04-34N 040-03W,
04-45N 042-51W, 05-02N 042-50W.
2. CANCEL THIS MSG 131000Z MAR.

(070750Z FEB 2003)

70/03(11,26). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS:
 - A. 0500Z TO 0459Z COMMENCING DAILY 10 THRU 16 FEB IN AREA
BOUND BY 30-45.0N 080-32.0W, 30-45.0N 079-40.0W,
30-37.5N 079-40.0W, 30-34.0N 080-33.0W.
 - B. 0500Z TO 0459Z COMMENCING DAILY 15 THRU 16 FEB IN AREA
BETWEEN 29-20.0N 29-10.0N AND 079-50.0W 079-40.0W.
 - C. 111300Z TO 112359Z AND 131300Z TO 140459Z FEB IN AREA
BETWEEN 29-40.0N 29-50.0N AND 080-30.0W 080-40.0W.
 - D. 120030Z TO 120239Z FEB IN AREA BOUND BY
30-35.0N 081-21.0W, 30-35.0N 081-00.0W,
30-00.0N 081-02.0W, 30-00.0N 081-15.0W.
2. CANCEL THIS MSG 170559Z FEB.

(071400Z FEB 2003)

71/03(GEN). MARITIME ALERT AND HOMELAND SECURITY ADVISORY
THREAT CONDITION HIGH (ORANGE).

1. THE U.S. GOVERNMENT HOMELAND SECURITY ADVISORY SYSTEM (HSAS) HAS BEEN RAISED FROM ELEVATED (YELLOW) TO THREAT CONDITION HIGH (ORANGE). THE MARITIME ADMINISTRATION HAS RECEIVED INFORMATION FROM THE DEPARTMENT OF TRANSPORTATION'S OFFICE OF INTELLIGENCE AND SECURITY, REGARDING INCREASED THREAT POSSIBILITIES TO U.S. FACILITIES. THIS CONDITION SIGNIFIES A HIGH RISK OF TERRORIST ATTACK. AS A RESULT, THIS ADVISORY IS ISSUED TO THE U.S. TRANSPORTATION COMMUNITY THAT A HEIGHTENED STATE OF SECURITY CONCERN EXISTS.
2. MARITIME INDUSTRY OPERATORS ARE URGED TO IMPLEMENT APPROPRIATE PROTECTIVE MEASURES THAT CORRESPOND TO THREAT CONDITION ORANGE UNDER THE HSAS. OFFICIALS AT TRANSPORTATION FACILITIES SHOULD MAINTAIN HIGH LEVELS OF SECURITY AND REPORT SUSPICIOUS ACTIVITIES OR PERSONS. NECESSARY SECURITY EFFORTS SHOULD BE COORDINATED WITH THE ARMED FORCES OR LAW ENFORCEMENT AGENCIES. PUBLIC EVENTS SHOULD INCLUDE ADDITIONAL PRECAUTIONS. AN ALTERNATE WORK SITE OR WORKFORCE DISPERSAL MAY BE CONSIDERED. ACCESS TO FACILITIES SHOULD BE RESTRICTED TO ESSENTIAL PERSONNEL ONLY.
3. U.S. MERCHANT VESSELS AND CRUISE SHIPS SHOULD BE ON A HEIGHTENED STATE OF SECURITY, SHOULD CLOSELY MONITOR THE NATIONAL IMAGERY AND MAPPING AGENCY'S (NIMA) BROADCAST WARNINGS AND SHOULD REVIEW THE EMERGENCY COMMUNICATION PROCEDURES FOR ASSISTANCE IN NIMA PUBLICATION 117.

SECTION III

4. ALL U.S. FLAG SHIPS REQUIRED BY REGULATION TO FILE AMVER POSITION REPORTS AND OPERATING IN THE NORTH ARABIAN SEA, GULF OF OMAN, PERSIAN GULF, GULF OF ADEN, RED SEA AND SUEZ CANAL ARE REMINDED TO FILE AMVER POSITION REPORTS EVERY 24 HOURS VICE EVERY 48 HOURS.
5. ALL U.S. FLAG OPERATORS ARE REQUESTED TO FORWARD THIS ADVISORY TO THEIR SHIPS BY THE MOST EXPEDIENT MEANS. THIS ADVISORY WILL SUBSEQUENTLY BE PUBLISHED IN THE WEEKLY NOTICE TO MARINERS AND MARAD INTERNET WEB SITE: WWW.MARAD.DOT.GOV.
6. FOR FURTHER INFORMATION REGARDING THIS ADVISORY CONTACT THE MARITIME ADMINISTRATION, OFFICE OF SHIP OPERATIONS, CODE MAR-613, ROOM 2123, 400 7TH STREET SW, WASHINGTON, DC 20590; PHONE: 202 366 5735 OR BY EMAIL TO OPCENTR1@MARAD.DOT.GOV.
7. THE HOMELAND SECURITY ADVISORY SYSTEM HAS BEEN ELEVATED TO THREAT CONDITION ORANGE.
8. CANCEL THIS MSG 21 MAR.

(072013Z FEB 2003)

72/03. CANCELED.

73/03(GEN).

1. NAVAREA IV MESSAGES IN FORCE 111000Z FEB 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2003 SERIES: 27(11), 52(11), 68(26), 69(24), 70(11,26), 71(GEN).
2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF 13 DEC 2001 IS GIVEN IN SEC III OF NM 52/01. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/02, 26/02 AND 39/02.
3. CANCEL NAVAREA IV 15/03, 61/03, 66/03.

(111010Z FEB 2003)

SECTION III

HYDROLANTS

Messages in force 121200Z February 2003:

2000 series	946(53)	2870(56)	121(55)	250(37)	306(54)
1569(36)	1065(53)	2877(GEN)	123(52)	253(35)	308(52)
2937(38)	1485(24)	2882(54)	132(51)	262(54)	309(24)
3762(43)	1895(23)	2883(54)	135(36)	271(GEN)	316(53)
4265(44)	2027(GEN)	2003 series	139(53)	273(54)	317(37)
2001 series	2203(51)	16(54)	150(54)	274(53)	323(24)
611(44)	2354(53)	33(35,43)	154(54)	277(51)	324(24)
1798(37)	2484(22)	35(37)	180(23,57)	278(24)	325(GEN)
2659(GEN)	2554(35)	41(37)	181(57)	282(55)	326(35)
2700(37)	2673(GEN)	42(57)	196(52)	292(24)	333(51)
2864(53)	2682(51)	65(53)	203(52)	293(24)	335(53,56)
3161(44)	2804(53)	67(37)	218(36)	295(55)	336(24)
2002 series	2808(24)	71(53,54)	228(52,53)	296(55)	337(24)
245(GEN)	2831(37)	76(54)	229(53)	298(GEN)	338(35)
246(GEN)	2848(37)	92(52)	234(37)	300(55)	
383(53)	2869(52)	111(52)	239(53)	305(54)	

The summary of all HYDROLANTS in force as of 12 December 2002 is given in Section III of NM 52/02.

HYDROLANT WARNINGS issued from 061200Z to 121200Z February 2003.

283/03 thru 291/03. CANCELED.

292/03(24). BRAZIL-NORTH COAST.

1. SEISMIC SURVEY 070900Z TO 122300Z FEB BY
M/V CGG HARMATTAN TOWING SIX 6000 METER
LONG CABLES IN AREA BOUND BY
02-32.7S 038-55.5W, 02-49.5S 039-03.7W,
03-04.0S 038-37.5W, 02-46.0S 038-28.6W.
FOUR MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 2066/01(37), AID RESTORED.
3. CANCEL HYDROLANT 242/03.
4. CANCEL THIS MSG 130001Z FEB.

(070720Z FEB 2003)

293/03(24). NORTH ATLANTIC. ROCKETS.

1. HAZARDOUS OPERATIONS 2000Z TO 0900Z COMMENCING DAILY
11 FEB THRU 12 MAR IN AREAS:
 A. WITHIN 12 MILES OF COASTLINE BETWEEN
05-19N 052-47W AND 05-04N 052-30W.
 B. BOUND BY 05-36N 049-41W, 05-28N 049-41W,
05-17N 051-41W, 05-25N 051-42W.
 C. BOUND BY 05-17N 043-35W, 04-57N 043-36W,
05-01N 045-36W, 05-21N 045-36W.
 D. BOUND BY 04-51N 040-02W, 04-34N 040-03W,
04-45N 042-51W, 05-02N 042-50W.
 E. BOUND BY 02-31N 021-39W, 02-09N 021-42W,
02-52N 027-39W, 03-14N 027-36W.
2. CANCEL THIS MSG 131000Z MAR.

(070755Z FEB 2003)

294/03. CANCELED.

295/03(55). BLACK SEA. GUNNERY. MISSILES.

1. HAZARDOUS OPERATIONS 0800Z TO 1630Z DAILY 12 THRU 14 FEB
IN AREA BOUND BY 45-00.5N 035-46.5E, 44-36.8N 036-06.0E,
44-09.5N 036-08.0E, 44-22.5N 034-54.3E.
2. CANCEL THIS MSG 141730Z FEB.

(071600Z FEB 2003)

296/03(55). BLACK SEA. GUNNERY. MISSILES.

1. HAZARDOUS OPERATIONS 0730Z TO 1500Z DAILY 12 THRU 14 FEB
IN AREA BOUND BY 44-43.8N 032-52.2E, 44-34.8N 032-37.4E,
44-39.0N 032-11.5E, 44-48.4N 032-08.2E,
45-00.2N 032-14.2E, 44-52.2N 032-41.6E.
2. CANCEL THIS MSG 141600Z FEB.

(071700Z FEB 2003)

297/03. CANCELED.

NM 9/03

SECTION III

298/03(GEN). MARITIME ALERT AND HOMELAND SECURITY ADVISORY
THREAT CONDITION HIGH (ORANGE).

1. THE U.S. GOVERNMENT HOMELAND SECURITY ADVISORY SYSTEM (HSAS) HAS BEEN RAISED FROM ELEVATED (YELLOW) TO THREAT CONDITION HIGH (ORANGE). THE MARITIME ADMINISTRATION HAS RECEIVED INFORMATION FROM THE DEPARTMENT OF TRANSPORTATION'S OFFICE OF INTELLIGENCE AND SECURITY, REGARDING INCREASED THREAT POSSIBILITIES TO U.S. FACILITIES. THIS CONDITION SIGNIFIES A HIGH RISK OF TERRORIST ATTACK. AS A RESULT, THIS ADVISORY IS ISSUED TO THE U.S. TRANSPORTATION COMMUNITY THAT A HEIGHTENED STATE OF SECURITY CONCERN EXISTS.
2. MARITIME INDUSTRY OPERATORS ARE URGED TO IMPLEMENT APPROPRIATE PROTECTIVE MEASURES THAT CORRESPOND TO THREAT CONDITION ORANGE UNDER THE HSAS. OFFICIALS AT TRANSPORTATION FACILITIES SHOULD MAINTAIN HIGH LEVELS OF SECURITY AND REPORT SUSPICIOUS ACTIVITIES OR PERSONS. NECESSARY SECURITY EFFORTS SHOULD BE COORDINATED WITH THE ARMED FORCES OR LAW ENFORCEMENT AGENCIES. PUBLIC EVENTS SHOULD INCLUDE ADDITIONAL PRECAUTIONS. AN ALTERNATE WORK SITE OR WORKFORCE DISPERSAL MAY BE CONSIDERED. ACCESS TO FACILITIES SHOULD BE RESTRICTED TO ESSENTIAL PERSONNEL ONLY.
3. U.S. MERCHANT VESSELS AND CRUISE SHIPS SHOULD BE ON A HEIGHTENED STATE OF SECURITY, SHOULD CLOSELY MONITOR THE NATIONAL IMAGERY AND MAPPING AGENCY'S (NIMA) BROADCAST WARNINGS AND SHOULD REVIEW THE EMERGENCY COMMUNICATION PROCEDURES FOR ASSISTANCE IN NIMA PUBLICATION 117.
4. ALL U.S. FLAG SHIPS REQUIRED BY REGULATION TO FILE AMVER POSITION REPORTS AND OPERATING IN THE NORTH ARABIAN SEA, GULF OF OMAN, PERSIAN GULF, GULF OF ADEN, RED SEA AND SUEZ CANAL ARE REMINDED TO FILE AMVER POSITION REPORTS EVERY 24 HOURS VICE EVERY 48 HOURS.
5. ALL U.S. FLAG OPERATORS ARE REQUESTED TO FORWARD THIS ADVISORY TO THEIR SHIPS BY THE MOST EXPEDIENT MEANS. THIS ADVISORY WILL SUBSEQUENTLY BE PUBLISHED IN THE WEEKLY NOTICE TO MARINERS AND MARAD INTERNET WEB SITE: WWW.MARAD.DOT.GOV.
6. FOR FURTHER INFORMATION REGARDING THIS ADVISORY CONTACT THE MARITIME ADMINISTRATION, OFFICE OF SHIP OPERATIONS, CODE MAR-613, ROOM 2123, 400 7TH STREET SW, WASHINGTON, DC 20590; PHONE: 202 366 5735 OR BY EMAIL TO OPCENTR1@MARAD.DOT.GOV.
7. THE HOMELAND SECURITY ADVISORY SYSTEM HAS BEEN ELEVATED TO THREAT CONDITION ORANGE.
8. CANCEL THIS MSG 21 MAR.

(072024Z FEB 2003)

299/03. CANCELED.

300/03(55). BLACK SEA. MISSILES.

1. HAZARDOUS OPERATIONS 0800Z TO 1600Z DAILY 12 THRU 14 FEB IN AREA BOUND BY 44-31.5N 034-55.5E, 44-58.5N 036-00.0E, 44-31.5N 036-09.5E, 44-05.0N 036-00.0E.
2. CANCEL THIS MSG 141700Z FEB.

(080042Z FEB 2003)

301/03 thru 304/03. CANCELED.

305/03(54). ADRIATIC SEA. GUNNERY.

1. GUNNERY EXERCISES 0500Z TO 0800Z DAILY 13 AND 14 FEB IN AREA BOUND BY 43-34.5N 015-55.2E, 43-34.0N 015-47.0E, 43-30.0N 015-48.0E, 43-32.6N 015-56.4E.
2. CANCEL HYDROLANT 299/03.
3. CANCEL THIS MSG 140900Z FEB.

(081050Z FEB 2003)

306/03(54). IONIAN SEA. GREECE.

CABLE REPAIR OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE IN AREA BOUND BY 36-32.0N 021-29.5E, 36-30.0N 021-33.0E, 36-41.0N 021-40.0E, 36-42.5N 021-36.0E. ONE MILE BERTH REQUESTED.

(081140Z FEB 2003)

307/03. CANCELED.

308/03(52). TUNISIA-EAST COAST.

CHART 52161 (14TH ED).
KERKENNAH 7 BUOY OFF STATION AND ADRIFT VICINITY
34-41.5N 011-26.0E AT 081120Z FEB.

(090101Z FEB 2003)

309/03(24). BRAZIL-NORTH COAST.

CHART 24322 (6TH ED).
1. DANGEROUS WRECK IN 01-01.78N 049-38.93W.
2. CANCEL HYDROLANT 290/03.

(090512Z FEB 2003)

310/03 thru 315/03. CANCELED.

SECTION III

NM 9/03

316/03(53). SICILIA-EAST COAST. ORDNANCE.

1. TORPEDO FIRING EXERCISES 120600Z TO 121600Z FEB,
ALTERNATE 130600Z TO 131600Z FEB IN AREA BETWEEN
37-00N 37-11N AND 015-25E 015-43E.
2. CANCEL THIS MSG 131700Z FEB.

(101110Z FEB 2003)

317/03(37). NORTH SEA. FRANCE.

CHART 37129 (6TH ED).
LIGHT, FOG SIGNAL (U), RACON (O) ESTABLISHED
IN 51-16.5N 002-26.9E.

(101325Z FEB 2003)

318/03 thru 322/03. CANCELED.

323/03(24). BRAZIL-EAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 13 FEB
BY M/V RAMFORM EXPLORER TOWING EIGHT
6500 METER LONG CABLES IN AREA BETWEEN
14-10.0S 14-51.0S AND 038-41.8W 038-50.0W.
FIVE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 14 FEB.

(110620Z FEB 2003)

324/03(24). BRAZIL-SOUTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 140300Z FEB
BY M/V VERITAS VIKING I TOWING SIX 5400 METER
LONG CABLES IN AREA BETWEEN 26-00.0S 26-30.0S
AND 043-52.3W 044-15.0W. SIX MILE BERTH REQUESTED.
2. CANCEL THIS MSG 140400Z FEB.

(110640Z FEB 2003)

325/03(GEN).

1. HYDROLANT MESSAGES IN FORCE 111100Z FEB 2003. ONLY THOSE
MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2002 SERIES: 2882(54), 2883(54).
2003 SERIES: 16(54), 33(35,43), 35(37), 41(37), 42(57),
59(37), 65(53), 67(37), 71(53,54), 76(54), 92(52), 111(52),
121(55), 123(52), 132(51), 135(36), 139(53), 150(54),
153(GEN), 154(54), 180(23,57), 181(57), 196(52), 203(52),
218(36), 228(52,53), 229(53), 234(37), 239(53), 250(37),
253(35), 262(54), 265(35,36), 266(23,29), 271(GEN), 273(54),
274(53), 276(35), 277(51), 278(24), 282(55), 292(24),
293(24), 295(55), 296(55), 297(35), 298(GEN), 300(55),
305(54), 306(54), 308(52), 309(24), 310(24), 311(24),
316(53), 317(37), 322(35), 323(24), 324(24).
2. THE SUMMARY OF ALL HYDROLANT MESSAGES IN FORCE AS OF
13 DEC 2001 IS GIVEN IN SEC III OF NM 52/01. WARNINGS
ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED
IN NM 13/02, 26/02 AND 39/02.
3. CANCEL HYDROLANT 2857/02, 2866/02, 2875/02, 2881/02,
260/03, 283/03, 284/03.

(111110Z FEB 2003)

326/03(35). NORTH ATLANTIC. HEBRIDES. MISSILES.

1. HAZARDOUS OPERATIONS 1000Z TO 1800Z DAILY 12 THRU 14 FEB
WITHIN 40 MILES OF 57-02N 009-00W.
2. CANCEL THIS MSG 141900Z FEB.

(111330Z FEB 2003)

327/03 thru 332/03. CANCELED.

333/03(51). NORTH ATLANTIC.

1. DERELICT AIRCRAFT DEBRIS ADRIFT VICINITY
27-49.9N 015-24.8W ON 11 FEB.
2. CANCEL THIS MSG 18 FEB.

(111955Z FEB 2003)

334/03. CANCELED.

335/03(53,56). EASTERN MEDITERRANEAN SEA.

1. DERELICT VESSEL, BLUE HULL WITH RED STRIPE,
ADRIFT IN 34-05.8N 012-55.6E. REPORTS TO
ANY COASTAL RADIO STATION.
2. CANCEL THIS MSG 19 FEB.

(120245Z FEB 2003)

SECTION III

336/03(24). BRAZIL-NORTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 14 FEB BY
M/V RAMFORM VIKING TOWING TEN 4600 METER
LONG CABLES IN AREA BOUND BY
00-48N 046-01W, 01-03N 046-14W,
01-22N 045-52W, 01-08N 045-39W.
FIVE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 15 FEB.

(120850Z FEB 2003)

337/03(24). BRAZIL-EAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 14 FEB BY M/V BULLDOG
TOWING 15 METER LONG CABLE IN AREA BOUND BY
11-06.4S 037-00.6W, 11-10.3S 036-55.0W,
11-08.8S 036-55.0W, 11-05.5S 036-59.9W.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 15 FEB.

(120850Z FEB 2003)

338/03(35). ENGLAND-EAST COAST.

CHART 35040 (18TH ED).

1. DGPS STATION AT FLAMBOROUGH HEAD LIGHT 54-07N 000-05W
INOPERATIVE UNTIL 121500Z FEB.
2. CANCEL THIS MSG 121600Z FEB.

(121040Z FEB 2003)

SECTION III

NM 9/03

NAVAREA XII

Messages in force 121200Z February 2003:

2001 series 298(GEN)	2002 series 178(GEN)	260(GEN) 339(GEN)	2003 series 21(19)	32(18) 35(18)	36(GEN) 40(GEN)
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The summary of all NAVAREA XII messages in force as of 12 December 2002 is given in Section III of NM 52/02.

NAVAREA XII WARNINGS issued from 061200Z to 121200Z February 2003.

33/03 and 34/03. CANCELED.

35/03(18). NORTH PACIFIC. WASHINGTON.

1. LORAN-C STATION GEORGE, RATES 5990-Y AND 9940-W,
OFF AIR 121800Z TO 122000Z FEB, ALTERNATE
131800Z TO 132000Z FEB.
2. CANCEL THIS MSG 132100Z FEB.

(070850Z FEB 2003)

36/03(GEN). MARITIME ALERT AND HOMELAND SECURITY ADVISORY
THREAT CONDITION HIGH (ORANGE).

1. THE U.S. GOVERNMENT HOMELAND SECURITY ADVISORY SYSTEM (HSAS) HAS BEEN RAISED FROM ELEVATED (YELLOW) TO THREAT CONDITION HIGH (ORANGE). THE MARITIME ADMINISTRATION HAS RECEIVED INFORMATION FROM THE DEPARTMENT OF TRANSPORTATION'S OFFICE OF INTELLIGENCE AND SECURITY, REGARDING INCREASED THREAT POSSIBILITIES TO U.S. FACILITIES. THIS CONDITION SIGNIFIES A HIGH RISK OF TERRORIST ATTACK. AS A RESULT, THIS ADVISORY IS ISSUED TO THE U.S. TRANSPORTATION COMMUNITY THAT A HEIGHTENED STATE OF SECURITY CONCERN EXISTS.
2. MARITIME INDUSTRY OPERATORS ARE URGED TO IMPLEMENT APPROPRIATE PROTECTIVE MEASURES THAT CORRESPOND TO THREAT CONDITION ORANGE UNDER THE HSAS. OFFICIALS AT TRANSPORTATION FACILITIES SHOULD MAINTAIN HIGH LEVELS OF SECURITY AND REPORT SUSPICIOUS ACTIVITIES OR PERSONS. NECESSARY SECURITY EFFORTS SHOULD BE COORDINATED WITH THE ARMED FORCES OR LAW ENFORCEMENT AGENCIES. PUBLIC EVENTS SHOULD INCLUDE ADDITIONAL PRECAUTIONS. AN ALTERNATE WORK SITE OR WORKFORCE DISPERSAL MAY BE CONSIDERED. ACCESS TO FACILITIES SHOULD BE RESTRICTED TO ESSENTIAL PERSONNEL ONLY.
3. U.S. MERCHANT VESSELS AND CRUISE SHIPS SHOULD BE ON A HEIGHTENED STATE OF SECURITY, SHOULD CLOSELY MONITOR THE NATIONAL IMAGERY AND MAPPING AGENCY'S (NIMA) BROADCAST WARNINGS AND SHOULD REVIEW THE EMERGENCY COMMUNICATION PROCEDURES FOR ASSISTANCE IN NIMA PUBLICATION 117.
4. ALL U.S. FLAG SHIPS REQUIRED BY REGULATION TO FILE AMVER POSITION REPORTS AND OPERATING IN THE NORTH ARABIAN SEA, GULF OF OMAN, PERSIAN GULF, GULF OF ADEN, RED SEA AND SUEZ CANAL ARE REMINDED TO FILE AMVER POSITION REPORTS EVERY 24 HOURS VICE EVERY 48 HOURS.
5. ALL U.S. FLAG OPERATORS ARE REQUESTED TO FORWARD THIS ADVISORY TO THEIR SHIPS BY THE MOST EXPEDIENT MEANS. THIS ADVISORY WILL SUBSEQUENTLY BE PUBLISHED IN THE WEEKLY NOTICE TO MARINERS AND MARAD INTERNET WEB SITE: WWW.MARAD.DOT.GOV.
6. FOR FURTHER INFORMATION REGARDING THIS ADVISORY CONTACT THE MARITIME ADMINISTRATION, OFFICE OF SHIP OPERATIONS, CODE MAR-613, ROOM 2123, 400 7TH STREET SW, WASHINGTON, DC 20590; PHONE: 202 366 5735 OR BY EMAIL TO OPCENTR1@MARAD.DOT.GOV.
7. THE HOMELAND SECURITY ADVISORY SYSTEM HAS BEEN ELEVATED TO THREAT CONDITION ORANGE.
8. CANCEL THIS MSG 21 MAR.

(072029Z FEB 2003)

37/03 thru 39/03. CANCELED.

40/03(GEN).

1. NAVAREA XII MESSAGES IN FORCE 111000Z FEB 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2003 SERIES: 21(19), 32(18), 35(18), 36(GEN).
2. THE SUMMARY OF ALL NAVAREA XII MESSAGES IN FORCE AS OF 13 DEC 2001 IS GIVEN IN SEC III OF NM 52/01. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/02, 26/02 AND 39/02.
3. CANCEL NAVAREA XII 29/03.

(111020Z FEB 2003)

SECTION III

HYDROPACS

Messages in force 121200Z February 2003:

2000 series	1315(62)	7(81)	97(81)	167(95)	230(63)
597(73)	1661(GEN)	13(61)	100(29)	170(81)	232(93)
1557(94)	1765(71)	17(76)	109(29)	171(71,93)	234(83)
2001 series	1843(22)	18(97)	110(76)	177(71)	237(81)
1556(71)	1893(74)	19(97)	111(97)	181(95)	240(63)
1636(96)	2057(71,93)	20(93)	114(76)	182(95)	241(63)
1647(GEN)	2111(62)	29(81)	115(62)	185(19)	242(63)
1976(62)	2191(22)	37(81)	124(62)	194(62,63)	243(63)
2062(61)	2199(63)	38(81)	126(61)	197(71)	247(62)
2002 series	2277(GEN)	41(62)	129(63)	200(71,93)	248(GEN)
146(62)	2298(63)	57(93)	133(93)	207(62)	250(81)
196(61)	2330(62)	59(83)	135(22)	210(83)	251(81)
205(GEN)	2339(63)	70(71,93)	140(63)	212(97)	253(62)
206(GEN)	2402(22)	72(96)	151(63)	213(61)	255(83)
207(93)	2421(75)	73(62)	159(94,95)	215(GEN)	256(63)
352(73)	2432(22)	74(63)	160(95)	217(63)	257(81)
403(72,73)	2437(72)	79(81)	161(94,95)	220(73,74)	258(63)
637(75)	2465(63)	84(61)	162(94,95)	221(81)	
828(62)	2003 series	86(81)	163(71)	223(GEN)	
1078(72)	3(63)	90(62)	164(81,83)	225(63)	

The summary of all HYDROPACS in force as of 12 December 2002 is given in Section III of NM 52/02.

HYDROPAC WARNINGS issued from 061200Z to 121200Z February 2003.

218/03 and 219/03. CANCELED.

220/03(73,74). ARAFURA SEA.

UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE
BY CABLESHIP VENTURER IN 11-04S 126-37E.
WIDE BERTH REQUESTED.

(071710Z FEB 2003)

221/03(81). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED FROM F/V FONG SEONG NO. 779
IN 02-56N 165-17E. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO RCC ALAMEDA, TELEX: 2301 72343,
PHONE: 510 437 3701.

(071820Z FEB 2003)

222/03. CANCELED.

223/03(GEN). MARITIME ALERT AND HOMELAND SECURITY ADVISORY

THREAT CONDITION HIGH (ORANGE).

1. THE U.S. GOVERNMENT HOMELAND SECURITY ADVISORY SYSTEM (HSAS) HAS BEEN RAISED FROM ELEVATED (YELLOW) TO THREAT CONDITION HIGH (ORANGE). THE MARITIME ADMINISTRATION HAS RECEIVED INFORMATION FROM THE DEPARTMENT OF TRANSPORTATION'S OFFICE OF INTELLIGENCE AND SECURITY, REGARDING INCREASED THREAT POSSIBILITIES TO U.S. FACILITIES. THIS CONDITION SIGNIFIES A HIGH RISK OF TERRORIST ATTACK. AS A RESULT, THIS ADVISORY IS ISSUED TO THE U.S. TRANSPORTATION COMMUNITY THAT A HEIGHTENED STATE OF SECURITY CONCERN EXISTS.
2. MARITIME INDUSTRY OPERATORS ARE URGED TO IMPLEMENT APPROPRIATE PROTECTIVE MEASURES THAT CORRESPOND TO THREAT CONDITION ORANGE UNDER THE HSAS. OFFICIALS AT TRANSPORTATION FACILITIES SHOULD MAINTAIN HIGH LEVELS OF SECURITY AND REPORT SUSPICIOUS ACTIVITIES OR PERSONS. NECESSARY SECURITY EFFORTS SHOULD BE COORDINATED WITH THE ARMED FORCES OR LAW ENFORCEMENT AGENCIES. PUBLIC EVENTS SHOULD INCLUDE ADDITIONAL PRECAUTIONS. AN ALTERNATE WORK SITE OR WORKFORCE DISPERSAL MAY BE CONSIDERED. ACCESS TO FACILITIES SHOULD BE RESTRICTED TO ESSENTIAL PERSONNEL ONLY.
3. U.S. MERCHANT VESSELS AND CRUISE SHIPS SHOULD BE ON A HEIGHTENED STATE OF SECURITY, SHOULD CLOSELY MONITOR THE NATIONAL IMAGERY AND MAPPING AGENCY'S (NIMA) BROADCAST WARNINGS AND SHOULD REVIEW THE EMERGENCY COMMUNICATION PROCEDURES FOR ASSISTANCE IN NIMA PUBLICATION 117.
4. ALL U.S. FLAG SHIPS REQUIRED BY REGULATION TO FILE AMVER POSITION REPORTS AND OPERATING IN THE NORTH ARABIAN SEA, GULF OF OMAN, PERSIAN GULF, GULF OF ADEN, RED SEA AND SUEZ CANAL ARE REMINDED TO FILE AMVER POSITION REPORTS EVERY 24 HOURS VICE EVERY 48 HOURS.
5. ALL U.S. FLAG OPERATORS ARE REQUESTED TO FORWARD THIS ADVISORY

SECTION III

TO THEIR SHIPS BY THE MOST EXPEDIENT MEANS. THIS ADVISORY WILL SUBSEQUENTLY BE PUBLISHED IN THE WEEKLY NOTICE TO MARINERS AND MARAD INTERNET WEB SITE: WWW.MARAD.DOT.GOV.

6. FOR FURTHER INFORMATION REGARDING THIS ADVISORY CONTACT THE MARITIME ADMINISTRATION, OFFICE OF SHIP OPERATIONS, CODE MAR-613, ROOM 2123, 400 7TH STREET SW, WASHINGTON, DC 20590; PHONE: 202 366 5735 OR BY EMAIL TO OPCENTR1@MARAD.DOT.GOV.
7. THE HOMELAND SECURITY ADVISORY SYSTEM HAS BEEN ELEVATED TO THREAT CONDITION ORANGE.
8. CANCEL THIS MSG 21 MAR.

(072032Z FEB 2003)

224/03. CANCELED.

225/03(63). INDIA-WEST COAST.

1. SEISMIC SURVEY 09 FEB THRU 14 MAY BY M/V C-EXPLORER TOWING THREE 4500 METER LONG CABLES IN AREA BOUND BY 20-42.0N 071-11.0E, 20-42.0N 072-34.0E, 20-15.0N 072-19.0E, 20-30.0N 072-00.0E. WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 15 MAY.

(072131Z FEB 2003)

226/03 thru 229/03. CANCELED.

230/03(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0030Z TO 1230Z DAILY 10 THRU 13 FEB IN AREA BOUND BY 19-14.6N 084-53.7E, 19-10.5N 085-01.0E, 19-01.7N 084-56.8E, 19-05.1N 084-48.4E.
2. CANCEL THIS MSG 131330Z FEB.

(081055Z FEB 2003)

231/03. CANCELED.

232/03(93). SOUTH CHINA SEA.

DISTRESS SIGNAL RECEIVED FROM VESSEL LADY GERDA IN 09-50N 108-18E AT 081619Z FEB. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO SINGAPORE PORT OPERATIONS CONTROL CENTER, TELEX: 20021, PHONE: 62265539, FAX: 62279971.

(082008Z FEB 2003)

233/03. CANCELED.

234/03(83). SOUTH PACIFIC.

M/V RAY TAI REPORTS MASTER REQUIRING MEDICAL ASSISTANCE IN 10-59S 168-00W. VESSELS IN VICINITY ABLE TO PROVIDE MEDICAL ASSISTANCE REQUESTED TO ASSIST IF POSSIBLE. REPORTS TO MARITIME OPERATIONS NEW ZEALAND, INMARSAT-C: 4512 00067, PHONE: 644 914 5663, FAX: 644 914 5520 OR TAUPO MARITIME RADIO.

(091308Z FEB 2003)

235/03 and 236/03. CANCELED.

237/03(81). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 243 MHZ IN 13-12.9N 134-44.5E AT 100309Z FEB. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC GUAM, TELEX: 392401, PHONE: 671 339 6100, FAX: 671 339 6210.

(100640Z FEB 2003)

238/03 and 239/03. CANCELED.

240/03(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0330Z TO 1530Z DAILY 14 AND 18 FEB 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 181630Z FEB.

(101355Z FEB 2003)

241/03(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0130Z TO 1630Z DAILY 13 AND 14 FEB WITHIN 60 MILES OF 15-50.5N 080-29.5E
2. CANCEL THIS MSG 141730Z FEB.

(101415Z FEB 2003)

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NM 9/03

- 242/03(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 0230Z TO 1230Z DAILY 14 THRU 21 FEB
IN AREA BETWEEN 15-13N 15-11N AND 073-57E 073-52E.
2. CANCEL THIS MSG 211330Z FEB.

(101425Z FEB 2003)

- 243/03(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 130530Z TO 130730Z FEB
WITHIN 11 MILES OF 13-07.2N 080-18.1E.
2. CANCEL THIS MSG 130830Z FEB.

(101445Z FEB 2003)

244/03 thru 246/03. CANCELED.

- 247/03(62). PERSIAN GULF. KUWAIT.
1. CABLE REPAIR OPERATIONS IN PROGRESS UNTIL
FURTHER NOTICE BY CABLESHIP UMM AL ANBER
IN 29-07.5N 048-47.7E. WIDE BERTH REQUESTED.
2. CANCEL HYDROPAC 231/03.

(110710Z FEB 2003)

- 248/03(GEN).
1. HYDROPAC MESSAGES IN FORCE 111100Z FEB 2003. ONLY THOSE
MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2002 SERIES: 2465(63).
2003 SERIES: 3(63), 7(81), 13(61), 17(76), 18(97), 19(97),
20(93), 29(81), 37(81), 38(81), 41(62), 57(93), 59(83),
70(71,93), 72(96), 73(62), 74(63), 79(81), 84(61), 86(81),
90(62), 97(81), 100(29), 109(29), 110(76), 111(97), 114(76),
115(62), 124(62), 126(61), 129(63), 133(93), 135(22), 140(63),
151(63), 159(94,95), 160(95), 161(94,95), 162(94,95), 163(71),
164(81,83), 167(95), 170(81), 171(71,93), 177(71), 181(95),
182(95), 185(19), 194(62,63), 196(22), 197(71), 200(71,93),
201(63), 207(62), 210(83), 211(29), 212(97), 213(61),
215(GEN), 217(63), 220(73,74), 221(81), 223(GEN), 225(63),
230(63), 232(93), 234(83), 237(81), 240(63), 241(63),
242(63), 243(63), 246(83), 247(62).
2. THE SUMMARY OF ALL HYDROPAC MESSAGES IN FORCE AS OF
13 DEC 2001 IS GIVEN IN SEC III OF NM 52/01. WARNINGS
ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED
IN NM 13/02, 26/02 AND 39/02.
3. CANCEL HYDROPAC 2427/02, 2429/02, 2430/02, 2462/02,
203/03, 224/03, 235/03.

(111120Z FEB 2003)

249/03. CANCELED.

- 250/03(81). NORTH PACIFIC.
DISTRESS SIGNAL RECEIVED ON 243 MHZ IN
11-08.1N 135-35.2E AT 111453Z FEB.
VESSELS IN VICINITY REQUESTED TO KEEP
A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO RCC GUAM, TELEX: 392401,
PHONE: 671 339 6100, FAX: 671 339 6210.

(111640Z FEB 2003)

- 251/03(81). NORTH PACIFIC.
DISTRESS SIGNAL RECEIVED ON 243 MHZ IN
08-42.1N 132-19.6E AT 111449Z FEB.
VESSELS IN VICINITY REQUESTED TO KEEP
A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO RCC GUAM, TELEX: 392401,
PHONE: 671 339 6100, FAX: 671 339 6210.

(111645Z FEB 2003)

252/03. CANCELED.

- 253/03(62). GULF OF ADEN.
DISTRESS SIGNAL RECEIVED FROM M/V OLIVETT IN
12-34N 046-06E. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO RCC ALAMEDA, TELEX: 2301 72343,
PHONE: 510 437 3701.

(112310Z FEB 2003)

254/03. CANCELED.

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255/03(83). SOUTH PACIFIC.

1. PERSON REQUIRING MEDICAL ASSISTANCE ON HENDERSON ISLAND (24-20S 128-20W). VESSELS IN VICINITY ABLE TO PROVIDE MEDICAL ASSISTANCE REQUESTED TO ASSIST IF POSSIBLE. REPORTS TO MARITIME OPERATIONS NEW ZEALAND, INMARSAT-C: 4512 00067, PHONE: 644 914 5663, FAX: 644 914 5520 OR TAupo MARITIME RADIO.
2. CANCEL HYDROFAC 246/03, VESSEL LOCATED.

(120550Z FEB 2003)

256/03(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0330Z TO 1230Z DAILY 12 THRU 16 FEB IN AREA BOUND BY 21-25N 087-26E, 21-04N 087-08E, 18-18N 089-34E, 18-39N 089-52E.
2. CANCEL THIS MSG 161330Z FEB.

(120610Z FEB 2003)

257/03(81). NORTH PACIFIC. CAROLINE ISLANDS.

- 19 FOOT VESSEL, FOUR PERSONS ON BOARD, OVERDUE WENO, TRUK TO NAMA ISLAND (06-59N 152-36E). VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO U.S. COAST GUARD GUAM.

(120810Z FEB 2003)

258/03(63). ANDAMAN SEA. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 141200Z TO 141230Z FEB WITHIN SEVEN MILES OF 11-40.4N 092-45.8E.
2. CANCEL THIS MSG 141330Z FEB.

(121050Z FEB 2003)

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 NIMA 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 1/03 for those in-force as of 19 December 2002, 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 12 February 2003: 00-7, 01-1, 01-5, 01-7, 02-2, 02-5, 02-7 and 03-1.

MARAD ADVISORY NO. 03-1 (071900Z FEB 2003)

TO: OPERATORS OF U.S. FLAG AND EFFECTIVE U.S. CONTROLLED VESSELS AND OTHER MARITIME INTERESTS

1. THE U.S. GOVERNMENT HOMELAND SECURITY ADVISORY SYSTEM (HSAS) HAS BEEN RAISED FROM ELEVATED (YELLOW) TO THREAT CONDITION HIGH (ORANGE). THE MARITIME ADMINISTRATION HAS RECEIVED INFORMATION FROM THE DEPARTMENT OF TRANSPORTATION'S OFFICE OF INTELLIGENCE AND SECURITY, REGARDING INCREASED THREAT POSSIBILITIES TO U.S. FACILITIES. THIS CONDITION SIGNIFIES A HIGH RISK OF TERRORIST ATTACK. AS A RESULT, THIS ADVISORY IS ISSUED TO THE U.S. TRANSPORTATION COMMUNITY THAT A HEIGHTENED STATE OF SECURITY CONCERN EXISTS.

2. MARITIME INDUSTRY OPERATORS ARE URGED TO IMPLEMENT APPROPRIATE PROTECTIVE MEASURES THAT CORRESPOND TO THREAT CONDITION ORANGE UNDER THE HSAS. OFFICIALS AT TRANSPORTATION FACILITIES SHOULD MAINTAIN HIGH LEVELS OF SECURITY AND REPORT SUSPICIOUS ACTIVITIES OR PERSONS. NECESSARY SECURITY EFFORTS SHOULD BE COORDINATED WITH THE ARMED FORCES OR LAW ENFORCEMENT AGENCIES. PUBLIC EVENTS SHOULD INCLUDE ADDITIONAL PRECAUTIONS. AN ALTERNATE WORK SITE OR WORKFORCE DISPERSAL MAY BE CONSIDERED. ACCESS TO FACILITIES SHOULD BE RESTRICTED TO ESSENTIAL PERSONNEL ONLY.

3. U.S. MERCHANT VESSELS AND CRUISE SHIPS SHOULD BE ON A HEIGHTENED STATE OF SECURITY, SHOULD CLOSELY MONITOR THE NATIONAL IMAGERY AND MAPPING AGENCY'S (NIMA) BROADCAST WARNINGS AND SHOULD REVIEW THE EMERGENCY COMMUNICATION PROCEDURES FOR ASSISTANCE IN NIMA PUBLICATION 117.

4. ALL U.S.-FLAG SHIPS REQUIRED BY REGULATION TO FILE AMVER POSITION REPORTS AND OPERATING IN THE NORTH ARABIAN SEA, GULF OF OMAN, PERSIAN GULF, GULF OF ADEN, RED SEA AND THE SUEZ CANAL ARE REMINDED TO FILE AMVER POSITION REPORTS EVERY 24 HOURS VICE EVERY 48 HOURS.

5. ALL U.S.-FLAG OPERATORS ARE REQUESTED TO FORWARD THIS ADVISORY TO

SECTION III

NM 9/03

THEIR SHIPS BY THE MOST EXPEDIENT MEANS. THIS ADVISORY WILL SUBSEQUENTLY BE PUBLISHED IN THE WEEKLY {NOTICE TO MARINERS} AND MARAD INTERNET WEB SITE ([HTTP://WWW.MARAD.DOT.GOV](http://WWW.MARAD.DOT.GOV)).

6. FOR FURTHER INFORMATION REGARDING THIS ADVISORY CONTACT THE MARITIME ADMINISTRATION, OFFICE OF SHIP OPERATIONS, CODE MAR-613, ROOM 2123, 400 7TH STREET SW, WASHINGTON, DC 20590; TELEPHONE 202-366-5735, OR BY EMAIL TO OPCENTR1@MARAD.DOT.GOV.

7. THE HOMELAND SECURITY ADVISORY SYSTEM HAS BEEN ELEVATED TO THREAT CONDITION ORANGE.

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 NIMA 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 1/03 for those in-force as of 19 December 2002.

SPECIAL WARNINGS in force 12 February 2003: 1, 29, 77, 81, 82, 89, 92, 95, 107, 108, 111, 113, 114, 115, 116, 117, 118, 119 and 120.

MARINE INFORMATION**NEW EDITION OF SAILING DIRECTIONS**

Pub. 131, Sailing Directions (Enroute) Western Mediterranean, Tenth Edition, 2002, is ready for issue. This publication has been corrected to 7 December 2002, including Notice to Mariners No. 49 of 2002.

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

NIMA nautical publications as produced in digital format are more robust, expansive and customer friendly than the printed versions. Customers can expect access to data links between publication data sets, video streams, links to other websites, timely up-to-date information and current state of the art graphics, photos and commercial imagery.

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

Customers requiring paper versions of NIMA products may purchase them through the U.S. Government Printing Office (GPO) Superintendent of Documents. The NIMA point of contact for this effort is Mr. Adam Veracka (301)227-3173.

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 NIMA to update our records and obtain additional or later information.

User Feedback: use this space to provide feedback and suggestions for improving NIMA's 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, NIMA 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 NIMA's Bathymetric Data Base. Acknowledgment is made by inclusion in the Observer's List of the Notice to Mariners (page ii), or in some cases by letter from the Agency involved.

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

MARINE INFORMATION REPORT AND SUGGESTION SHEET

Observer _____ Ship/Organization _____

Address _____

Email address

Date of Observation _____ Time of Observation (Local)_____

Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

Product(s) Affected _____ Edition _____

Latest correction applied: N.M. _____

Latest correction applied: N.M. _____

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

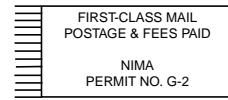
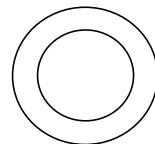
Sounding sensor or method used _____ Sounding(s) corrected for draft: Yes No

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

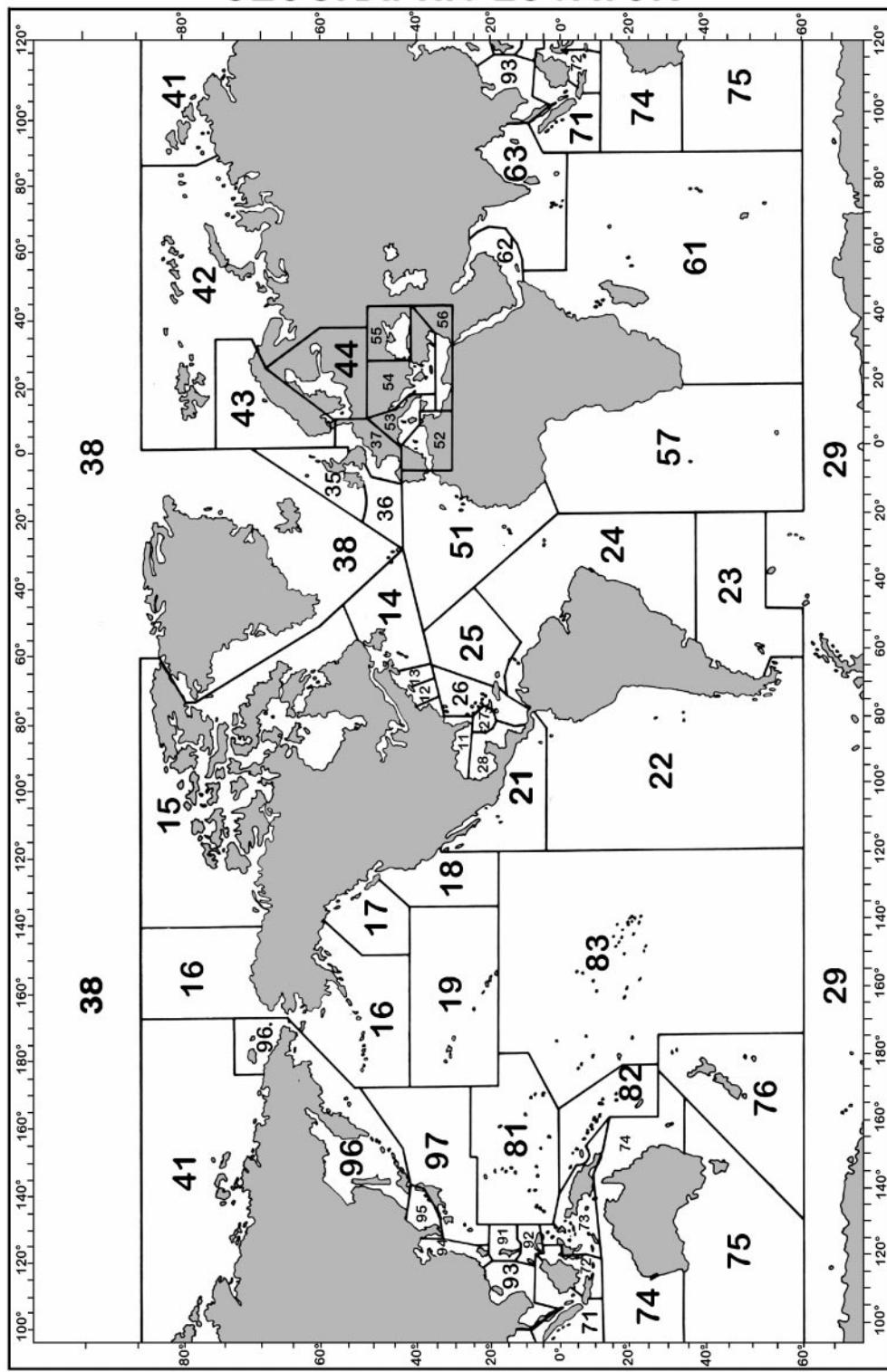
User Feedback (continue on additional sheets as necessary)



**MARITIME SAFETY INFORMATION DIVISION
ST D44
NATIONAL IMAGERY AND MAPPING AGENCY
4600 SANGAMORE ROAD
BETHESDA MD 20816-5003**



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 NIMA 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 Sub-region 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

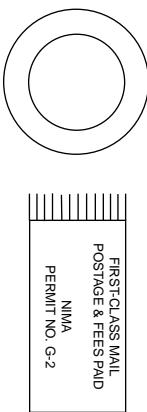
ATTN: JNAH

8000 JEFFERSON DAVIS HIGHWAY
RICHMOND, VIRGINIA 23297-5338

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE \$500

FIRST CLASS



**IMPORTANT
NAVIGATIONAL INFORMATION
TIME-DATED**



**NOTICE TO
MARINERS**

PLEASE EXPEDITE DELIVERY