



No. 2

11 JANUARY 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

Contents

Section I

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

Section II

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

Section III

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

Visit the Maritime Safety Information Division website at
<http://pollux.nss.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. Marine Information Report and Suggestion sheets received during the past week were submitted by the following observers:

<u>Observer</u>	<u>Ship/Organization</u>
C. Zenter	M/V OVERSEAS HARRIETTE

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 2/03

HYDROGRAM

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

SPECIAL
ANNOUNCEMENTS

NEW PRODUCTS
OR SERVICES

IMPORTANT
CHANGES

11 January 2003

NEW EDITION OF COAST PILOT

U.S. COAST PILOT 5, ATLANTIC COAST: GULF OF MEXICO, PUERTO RICO AND VIRGIN ISLANDS, THIRTIETH EDITION 2003, IS READY FOR ISSUE. 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 2/03

302 (INT 302) 1Ed. 5/7/83 LAST NM 42/01 Delete Depth 14.6 meters, blue tint and enclosing dotted line 36°12'N 34°45'E Depth 51 meters, blue tint and enclosing dotted line 36°14'N 34°36'E (NTM0046/2002)	2/03	★11372 30Ed. 11/02 NEW EDITION (NOS) 2/03
310 20Ed. 12/29/79 LAST NM 42/01 Delete Depth 15 meters (ED), blue tint and enclosing depth contour 36°10'N 34°47'E Depth 51 meters (ED), blue tint and enclosing depth contour 36°12'N 34°37'E Depth 110 meters (ED), blue tint and enclosing depth contour 36°15'N 34°45'E Depth 52 meters (ED), blue tint and enclosing depth contour 36°13'N 34°32'E (NTM0046/2002)	2/03	11374 31Ed. 8/02 LAST NM 1/03 (Side A) Relocate Buoy "BC" from 30°17'20.1"N 88°30'49.6"W to 30°17'20.4"N 88°30'52.8"W (Side B) Relocate Buoy "BC" from 30°17'20.5"N 88°30'49.6"W to 30°17'20.4"N 88°30'52.8"W (48/02 CG8)
1115A Ed. 10/02 LAST NM 1/03 Add Wreck [K29] (PA) 29°44.0'N 85°41.0'W Submarine pipeline [L40.1] between 30°03.6'N 88°08.1'W 30°05.0'N 88°08.1'W (NOS; 49/02 CG8)	2/03	★11375 35Ed. 8/02 LAST NM 1/03 Relocate Buoy "35" from 30°17'05.1"N 88°30'48.3"W to 30°17'05.3"N 88°30'49.2"W Buoy "BC" from 30°17'19.9"N 88°30'49.6"W to 30°17'20.4"N 88°30'52.8"W (48/02 CG8)
★1116A Ed. 11/02 NEW EDITION Delete Buoy 29°06.2'N 89°56.0'W Platform 28°04.2'N 93°28.1'W Note: Fish haven and buoy close SW remain (Previously published 51/02)	2/03	★11376 48Ed. 12/1/01 LAST NM 50/02 Add Submarine pipeline [L40.1] between 30°05'00"N 88°08'06"W 30°07'21"N 88°08'01"W Tabulation of controlling depths from Subsection I-2 (NOS)
Add Position circle "Pipes (3)" [L23] (PA) 28°02.0'N 94°17.0'W Dangerous wreck [K28] (PA) 29°37.0'N 94°03.0'W Position circle "Pipe" [L23] (PA) 29°29.0'N 92°16.0'W Platform [L10] 28°31.8'N 91°45.9'W Note: Close NE of existing platform Dangerous wreck [K28] (PA) 28°48.1'N 90°38.7'W (Previously published 51/02) (NOS)	2/03	★11377 4Ed. 4/6/02 LAST NM 50/02 Add Submarine pipeline [L40.1] between 30°06'00.0"N 88°08'03.7"W 30°07'23.0"N 88°08'00.7"W Tabulation of controlling depths from Subsection I-2 (NOS)
11006 30Ed. 4/20/02 LAST NM 40/02 Add Wreck [K29] (PA) 29°44.0'N 85°41.0'W (49/02 CG8)	2/03	★11389 32Ed. 10/13/01 LAST NM 37/02 Add Wreck [K29] (PA) 29°44'00"N 85°41'00"W (49/02 CG8)
★11330 14Ed. 11/02 NEW EDITION Add Dangerous wreck [K28] (PA) 29°37.0'N 94°03.0'W (NOS)	2/03	11415 5Ed. 8/02 LAST NM 1/03 Delete Depth 35 feet 27°39'42"N 82°35'58"W (NOS)
★11340 67Ed. 11/02 NEW EDITION Delete Buoy 29°06.2'N 89°56.0'W Platform 28°04.2'N 93°28.1'W Note: Fish haven and buoy close SW remain (Previously published 51/02)	2/03	★11416 5Ed. 8/02 LAST NM 1/03 Delete Depth 35 feet 27°39'42"N 82°35'59"W Depth 33 feet 27°46'48"N 82°31'25"W (NOS)
Add Position circle "Pipes (3)" [L23] (PA) 28°02.0'N 94°17.0'W Dangerous wreck [K28] (PA) 29°37.0'N 94°03.0'W Position circle "Pipe" [L23] (PA) 29°29.0'N 92°16.0'W Platform [L10] 28°31.8'N 91°45.9'W Note: Close NE of existing platform Dangerous wreck [K28] (PA) 28°48.1'N 90°38.7'W (Previously published 51/02) (NOS)	2/03	★11427 33Ed. 10/02 NEW EDITION (NOS) 2/03
★11360 40Ed. 10/02 LAST NM 1/03 Add Wreck [K29] (PA) 29°44.0'N 85°41.0'W Submarine pipeline [L40.1] between 30°03.6'N 88°08.1'W 30°05.0'N 88°08.1'W (NOS; 49/02 CG8)	2/03	★12286 29Ed. 11/02 NEW EDITION (NOS) 2/03
11362 4Ed. 6/10/00 LAST NM N47/02 Add Wreck [K29] (PA) 29°44.0'N 85°41.0'W Submarine pipeline [L40.1] between 30°03.6'N 88°08.1'W 30°05.0'N 88°08.1'W (NOS; 49/02 CG8)	N2/03	★12316 29Ed. 11/02 NEW EDITION Change Height of light "C" to 15ft 38°57'07"N 74°52'37"W (Previously published 50/02) (NOS)
		★12324 30Ed. 11/02 NEW EDITION (NOS) 2/03
		★12327 96Ed. 11/02 LAST NM 1/03 Change Height of range light, rear to 55ft 40°33'14"N 74°15'14"W Add Light "4" FR 24ft 9M 40°38'23"N 74°02'19"W Tabulation of controlling depths from Subsection I-2 (NOS; 47/02 CG1; USCG LL)
		12331 29Ed. 6/26/99 LAST NM 43/02 Change Height of range light, rear to 55ft 40°33'14"N 74°15'14"W (USCG LL)

SECTION I

★12334	64Ed. 8/12/00 LAST NM 1/03 Add Light "4" FR 24ft 9M (47/02 CG1)	2/03 40°38'23.0"N 74°02'19.3"W	13302	21Ed. 11/3/01 LAST NM 41/02 Change Buoy to "DCL" BRB, can, double ball topmark [Qh] (47/02 CG1)	2/03 44°12'03"N 68°51'24"W
12354	39Ed. 12/15/01 LAST NM 45/02 Delete Buoy "A" Buoy "B" (47/02 CG1)	2/03 41°14'14"N 72°46'50"W 41°15'19"N 72°46'12"W	★13305	28Ed. 5/5/01 LAST NM 49/02 Change Buoy to "DCL" BRB, can, double ball topmark [Qh] (47/02 CG1)	2/03 44°12'03"N 68°51'24"W
12372	31Ed. 8/02 LAST NM 48/02 (Page D, Inset 7) Delete Buoy "B"	2/03 41°15'18"N 72°46'10"W	★13324	13Ed. 3/11/95 LAST NM 52/02 Relocate Buoy "5" from 44°29'46"N 67°50'44"W to 44°29'45"N 67°50'38"W (47/02 CG1)	2/03
	(Page E) Delete Buoy "A" Buoy "B" (47/02 CG1)	41°14'13"N 72°46'50"W 41°15'18"N 72°46'10"W	13325	14Ed. 11/4/95 LAST NM 5/02 Relocate Buoy "5" from 44°29'46"N 67°50'44"W to 44°29'45"N 67°50'38"W (47/02 CG1)	2/03
★12373	14Ed. 10/20/01 LAST NM 50/01 Delete Buoy "A" Buoy "B" (47/02 CG1)	2/03 41°14'14"N 72°46'50"W 41°15'18"N 72°46'10"W	★14813	21Ed. 11/02 NEW EDITION (NOS)	2/03
★12378	14Ed. 1/13/01 LAST NM 13/01 (Left Panel) Add Tabulation of controlling depths from Subsection I-2 (NOS)	2/03	★14820	18Ed. 5/02 LAST NM 39/02 Change Characteristic of light to Fl R 10s (Can LL)	2/03 41°49.6'N 82°27.8'W
12401	7Ed. 5/02 LAST NM 47/02 Add Tabulation of controlling depths from Subsection I-2 (NOS)	2/03	14830	29Ed. 6/23/01 LAST NM 51/02 Change Characteristic of light to Fl R 10s (Can LL)	2/03 41°49'36"N 82°27'48"W
13221	53Ed. 7/21/01 LAST NM 51/02 Add "RESTRICTED AREA 334.81 (see note A)" [N2.1] bound by shore and purple composite line between 41°31'24.0"N 71°19'24.0"W 41°31'55.7"N 71°19'28.2"W (NOS)	2/03	14842	12Ed. 6/23/01 LAST NM 39/02 (Page 38) Change Characteristic of light to Fl R 10s (Can LL)	2/03 41°49'36"N 82°27'48"W
★13223	36Ed. 11/3/01 LAST NM 52/02 Add "RESTRICTED AREA 334.81 (see note A)" [N2.1] bound by shore and purple composite line between 41°31'24.0"N 71°19'24.0"W 41°31'55.7"N 71°19'28.2"W (NOS)	2/03	14846	11Ed. 3/17/01 LAST NM 40/02 (Page 36) Change Characteristic of light to Fl R 10s (Can LL)	2/03 41°49'36"N 82°27'48"W
★13230	46Ed. 11/02 NEW EDITION Delete Light "14" (Previously published 1/03) (NOS)	2/03 41°42'38"N 70°39'00"W	★14934	26Ed. 9/13/97 LAST NM 6/02 Change Legend to "27 1/2 FT AUG 2002" Legend to "28 FT AUG 2002" Legend to "24 FT MAY 2002" (See 4/02-14934) (NOS)	2/03 43°13'29"N 86°20'52"W 43°13'35"N 86°20'36"W 43°13'45"N 86°20'11"W
★13270	59Ed. 7/14/01 LAST NM 1/03 Delete Buoy "N" Buoy "S" (47/02 CG1)	2/03 42°19'37"N 70°59'44"W 42°19'20"N 70°59'28"W	★14937	24Ed. 10/02 LAST NM 52/02 Delete Depth 25 feet Depth 24 feet Depth 26 feet Depth 23 feet Depth 26 feet Depth 23 feet Depth 24 feet Depth 22 feet Depth 25 feet Depth 19 feet Add Depth 24 feet	2/03 43°57'12.7"N 86°28'12.9"W 43°57'12.3"N 86°28'11.5"W 43°57'08.6"N 86°28'12.1"W 43°57'08.1"N 86°28'12.2"W 43°57'07.9"N 86°28'13.5"W 43°57'07.3"N 86°28'12.3"W 43°57'06.8"N 86°28'13.6"W 43°57'06.7"N 86°28'12.3"W 43°57'05.9"N 86°28'13.8"W 43°57'07.1"N 86°28'10.8"W 43°57'08.2"N 86°28'11.4"W
13274	24Ed. 5/12/01 LAST NM 1/03 (Side B) Change Visibility (range) of light "7" to 7M 42°25'34"N 70°57'15"W Visibility (range) of light "9" to 7M 42°25'58"N 70°56'53"W Visibility (range) of light "11" to 7M 42°26'34"N 70°56'33"W (47/02 CG1)	2/03	16520	21Ed. 4/15/89 LAST NM 28/99 Delete Dotted line between	2/03 54°49.0'N 163°21.7'W 54°45.3'N 163°16.9'W
★13275	27Ed. 7/24/99 LAST NM 1/03 Change Visibility (range) of light "7" to 7M 42°25'33.2"N 70°57'14.7"W Visibility (range) of light "9" to 7M 42°25'59.2"N 70°56'53.0"W Visibility (range) of light "11" to 7M 42°26'34.4"N 70°56'32.3"W (47/02 CG1)	2/03	Add Obscured sector 160°-324° to light "2" (39/02 CG17)		54°49.0'N 163°21.7'W
★13295	11Ed. 10/02 NEW EDITION (NOS)	2/03	★16535	12Ed. 11/18/00 LAST NM 4/01 Add Obscured sector 160°-324° to light "2" (39/02 CG17)	2/03 54°48'55"N 163°21'39"W

SECTION I

NM 2/03

16594	13Ed. 4/4/98 LAST NM 36/01 Delete Buoy "GI" (49/02 CG17)	57°46'42"N 152°26'00"W	2/03	21014	72Ed. 1/21/84 LAST NM 52/02 Change Visibility (range) of light to 13M Visibility (range) of light to 9M Visibility (range) of light to 12M Light to Fl 7s 22M Visibility (range) of light to 10M Visibility (range) of light to 10M Light to Fl 8M (Mex LL)	2/03 26°42.0'N 109°32.1'W 26°40.5'N 109°41.5'W 25°36.2'N 109°04.8'W 25°32.0'N 109°06.2'W 25°26.5'N 109°24.3'W 25°21.8'N 108°44.9'W 25°11.5'N 108°23.8'W
★16595	14Ed. 5/5/01 LAST NM 36/01 Delete Buoy "GI" (Inset) Delete Buoy "GI" (49/02 CG17)	57°46'43"N 152°25'59"W	2/03	21180	1Ed. 4/22/89 LAST NM 14/97 Change Visibility (range) of light to 25M Visibility (range) of light to 12M (Mex LL)	2/03 28°18.9'N 115°35.7'W 27°52.4'N 115°10.7'W
★17315	23Ed. 11/02 NEW EDITION Change Note to "HEIGHTS Heights in feet above Mean High Water." (NOS; NTM0003/2002)		2/03	21200	1Ed. 7/1/89 LAST NM 28/98 Change Visibility (range) of light to 12M (Mex LL)	2/03 27°52.4'N 115°10.6'W
18002	6Ed. 5/13/95 LAST NM N45/02 Change Visibility (range) of light to 25M (Mex LL)	28°18.9'N 115°35.7'W	N2/03	24406	30Ed. 10/29/94 LAST NM 26/02 Delete Anchoring and fishing prohibited area bound by shoreline, chart border and purple composite line between (49(5315)02 Taunton)	2/03 10°42'06.7"N 61°40'08.0"W 10°41'34.0"N 61°40'06.0"W
★18400	43Ed. 12/02 NEW EDITION (NOS)		2/03	37328	2Ed. 7/19/97 LAST NM 44/02 Add Dangerous wreck [K28] (15(8)00 Brest)	2/03 48°03'22"N 4°57'13"W
★18421	45Ed. 12/02 NEW EDITION (NOS)		2/03	37342	3Ed. 10/5/96 LAST NM 32/02 Relocate Buoy from 47°39'57"N 3°43'05"W to (15(9)00 Brest)	2/03 47°39'50"N 3°43'23"W
★18431	6Ed. 12/02 NEW EDITION (NOS)		2/03	37360	15Ed. 6/22/96 LAST NM 43/02 Relocate Buoy from 47°40.0'N 3°43.1'W to (15(9)00 Brest)	2/03 47°39.8'N 3°43.4'W
★18433	5Ed. 12/02 NEW EDITION (NOS)		2/03	37362	6Ed. 7/12/97 LAST NM 1/03 Change Color of beacon to W and delete topmark (15(10)00 Brest)	2/03 47°16'08"N 2°24'36"E
★18460	11Ed. 12/02 NEW EDITION Add Visibility (range) 14M to light (Previously published 47/02) (NOS)	48°43.3'N 125°05.8'W	2/03	43030	24Ed. 4/5/97 LAST NM 28/02 Delete Position circle "TR (26) (Y Lt)" Add Position circle "Mast" with light FR (occas) (39(902)00 Norrkoping)	2/03 55°45.8'N 14°11.6'E 55°46.0'N 14°11.7'E
★18465	35Ed. 12/02 NEW EDITION (NOS)		2/03	44100	7Ed. 3/9/96 LAST NM 44/02 Add Position circle "Mast" with light FR (occas) (39(902)00 Norrkoping)	2/03 55°46.0'N 14°11.7'E
★18480	29Ed. 12/02 NEW EDITION Add Visibility (range) 14M to light (Previously published 47/02)	48°43.3'N 125°05.8'W	2/03	44120	7Ed. 2/22/97 LAST NM 31/02 Add Position circle "Mast" with light FR (occas) (39(902)00 Norrkoping)	2/03 55°46.0'N 14°11.7'E
	Add Purple dashed-line circle with legend "Unexploded ordnance"	48°19.4'N 125°41.3'W		44161	2Ed. 6/8/96 LAST NM 1/03 (Panel B) Add Submarine cable (power) [L31.1] between (24(585)00 Norrkoping)	2/03 56°38'43"N 16°17'56"E 56°38'31"N 16°18'11"E
	Add Purple dashed-line circle with legend "Unexploded ordnance"	48°16.1'N 126°06.3'W		44178	2Ed. 4/13/96 LAST NM 21/02 Add Submarine cable [L30.1] joining (21(514)00 Norrkoping)	2/03 58°57'30"N 18°14'55"E 58°57'31"N 18°14'56"E 58°57'33"N 18°15'25"E
★18485	15Ed. 12/02 NEW EDITION (NOS)		2/03	44180	6Ed. 7/6/91 LAST NM 1/03 Add Light L Fl G 10s 4M (39(896)00 Norrkoping)	2/03 59°16.7'N 19°01.5'E
★18647	15Ed. 9/02 NEW EDITION (NOS)		2/03			
21005	5Ed. 12/26/81 LAST NM 45/02 Change Visibility (range) of light to 25M Visibility (range) of light to 12M (Mex LL)	28°18.9'N 115°35.7'W 27°52.4'N 115°10.7'W	2/03			
21008	62Ed. 12/5/98 LAST NM 1/03 Change Visibility (range) of light to 5M Visibility (range) of light to 10M Visibility (range) of light to 9M Visibility (range) of light to 9M Visibility (range) of light to 9M (Mex LL)	27°49.0'N 110°36.4'W 27°19.5'N 110°34.0'W 27°10.8'N 110°18.0'W 27°06.0'N 109°58.0'W 26°40.9'N 109°41.0'W	2/03			
21011	5Ed. 5/5/84 LAST NM 40/96 Change Visibility (range) of light to 12M (Mex LL)	27°52.4'N 115°10.7'W	2/03			

44182	4Ed. 5/28/94 LAST NM 49/02 Add Disused submarine cable [L32] between 59°20'03.6"N 18°02'49.2"E 59°20'07.2"N 18°02'51.6"E	2/03	51164	18Ed. 2/5/00 LAST NM 50/02 Substitute Position circle "Tr (Lt) (114)" for light 36°31'23"N 6°17'14"E Position circle "Pylon (R Lts) (155)" for light 36°31'08"N 6°14'58"W Position circle "Pylon (R Lts) (155)" for light 36°30'30"N 6°15'44"W	2/03
	Disused submarine cable [L32] between 59°20'03.6"N 18°02'49.2"E 59°20'06.6"N 18°02'55.2"E				
	Disused submarine cable [L32] between 59°19'03.0"N 18°01'00.0"E 59°19'00.0"N 18°00'55.2"E				
	(6(80)02 Norrkoping)				
44184	9Ed. 5/11/96 LAST NM 49/02 Add Submarine cable (power) [L31.1] between 59°26'16.8"N 18°46'47.4"E 59°26'10.8"N 18°47'24.0"E	2/03	51165	8Ed. 3/11/00 LAST NM 50/02 Delete Designation "ODAS (2 buoys)" from buoy 36°30'01.0"N 6°20'01.0"W	2/03
	(16(204)02 Norrkoping)			Light "Pylon" at position circle 36°31'07.9"N 6°14'57.6"W and add legend "(R Lts) (155)"	
44185	7Ed. 3/23/96 LAST NM 1/03 Substitute Light L Fl G 10s 4M for position circle "Tower" (39(896)00 Norrkoping)	2/03		Light "Pylon" at position circle 36°30'30.1"N 6°15'44.5"W and add legend "(R Lts) (155)"	
44186	2Ed. 6/15/96 LAST NM 1/03 Add Submarine cable [L30.1] joining 59°31'22"N 18°52'05"E 59°31'00"N 18°52'02"E 59°30'46"N 18°51'41"E	2/03		Relocate Buoy from 36°32'56.6"N 6°17'00.1"W to 36°32'48.0"N 6°16'59.4"W	
	Submarine cable (power) [L31.1] between 59°26'17"N 18°46'47"E 59°26'11"N 18°47'24"E			Substitute Position circle "Tr (Lt) (114)" for light 36°31'19.1"N 6°17'13.7"W	
	(39(894)00, 16(204)02 Norrkoping)			Change Buoy to RGR, pillar, can topmark, Fl(2+1) R 7s 36°32'57.4"N 6°16'18.8"W	
	(48(654), 51(689-691)00, 15(275), 16(291)01 Cadiz)				
44203	1Ed. 2/6/93 LAST NM 48/02 Delete Anchorage symbol Anchorage symbol	2/03	51167	6Ed. 3/11/00 LAST NM 50/02 Delete Light "Pylon" at position circle 36°31'07.9"N 6°14'57.6"W and add legend "(R Lts) (155)"	2/03
	Add Buoy G, spar (24(579)00, 18-19(244)02 Norrkoping)			Light "Pylon" at position circle 36°30'30.1"N 6°15'44.5"W and add legend "(R Lts) (155)"	
44204	1Ed. 12/27/86 LAST NM 52/02 Change Buoy to G, spar (18-19(243)02 Norrkoping)	2/03		Relocate Buoy from 36°32'56.6"N 6°17'00.0"W to 36°32'48.0"N 6°16'59.4"W	
				Substitute Position circle "Tr (Lt) (114)" for light 36°31'20.2"N 6°17'11.8"W	
44205	2Ed. 4/9/94 LAST NM 52/02 Change Buoy "Elofsgrund" to G, spar (18-19(243)02 Norrkoping)	2/03		Change Buoy to RGR, pillar, can topmark, Fl(2+1) R 7s 36°32'56.7"N 6°16'19.4"W	
				(51(689-691)00, 15(275), 16(291)01 Cadiz)	
44260	7Ed. 7/27/96 LAST NM 29/02 Change Buoy to G, pillar, Fl(2) G 6s (24(578)00 Norrkoping)	2/03	51168	2Ed. 6/25/94 LAST NM 50/02 Delete Buoy	2/03
				Add Buoy Y, spherical, Q(5) Y 20s Designation "2" to buoy	
				36°30'00"N 6°20'00"W 36°33'41"N 6°18'29"W	
	(48(654), 51(687)00 Cadiz)				
44280	9Ed. 7/13/96 LAST NM 50/02 Change Visibility (range) of light to 7-4M Visibility (range) of light to 8-5M Light to Q 9M Racon (24(576)00 Norrkoping)	2/03	54279	4Ed. 9/21/02 LAST NM 50/02 Change Height of light to 12m	2/03
				Add Light 2 FR (vert) 9m 5M (2(46)00 Athens; BA LL)	
				39°29'48"N 20°13'36"E 39°30'00"N 20°15'38"E	
44285	1Ed. 4/14/90 LAST NM 11/99 Change Visibility (range) of light "Halsoklippor" to 8-5M	2/03	54441	6Ed. 5/4/96 LAST NM 42/02 Delete Depth 14.6 meters (ED) "Rep (1950)", blue tint and enclosing depth contour	2/03
	Visibility (range) of light to 7-4M Visibility (range) of light to 5-3M Light "Vippgrund" to Q 9M Racon			36°12'15"N 34°45'00"E Depth 51 meters (ED) "Rep (1947)" and enclosing depth contour	
	65°46'43"N 23°18'22"E 65°43'07"N 23°27'00"E			36°12'49"N 34°36'02"E Depth 109 meters (ED) "Rep (1947)", blue tint and enclosing depth contour	
	65°46'43"N 23°18'22"E 65°31'33"N 23°32'17"E			36°14'35"N 34°38'58"E	
	(24(576)00 Norrkoping)			(NTM0046/2002)	
44286	1Ed. 4/14/90 LAST NM 32/01 Change Visibility (range) of light "Halsoklippor" to 8-5M	2/03	54480	8Ed. 9/27/86 LAST NM 41/02 Delete Depth 14.6 meters "Rep (1950)"	2/03
	Visibility (range) of light to 7-4M Light "Vippgrund" to Q 23m 9M Racon			36°12.0"N 34°45.0'E 36°11.4"N 34°42.8'E	
	65°46'42.6"N 23°18'22.2"E 65°44'48.1"N 23°27'24.6"E			Depth 110 meters (ED) "Rep (1947)"	
	(24(576)00 Norrkoping)			36°14.5"N 34°39.1'E Depth 51 meters "Rep (1947)"	
				36°12.8"N 34°36.0'E Depth 95 meters (ED) "Rep (1947)"	
				36°10.9"N 34°30.8'E (NTM0046/2002)	
56031	1Ed. 8/1/92 LAST NM 1/03 Delete Depth 14.6 meters (ED) "Rep (1950)"	2/03			

(continued on next page)

SECTION I

NM 2/03

56031	(Continued)				
	Depth 110 meters (ED) "Rep (1947)"	36°15.0'N 34°40.0'E			
	Depth 51 meters (ED) "Rep (1947)"	36°13.0'N 34°36.5'E			
	Depth 95 meters (ED) "Rep (1947)"	36°11.5'N 34°31.5'E			
	(NTM0046/2002)				
56064	6Ed. 9/25/99 LAST NM 38/02		2/03		
Add	Legend "R. SMG. SCIRE War Memorial (See Sailing Direction)" to wreck	32°54'40"N 34°58'13"E			
	(Plan)				
Add	Legend "R. SMG. SCIRE War Memorial (See Sailing Directions)" to wreck	32°54'41.5"N 34°58'14.1"E			
	(NTM0045/2002)				
62366	3Ed. 9/23/95 LAST NM 40/02		2/03		
Change	Orientation of purple open-outlined dashed arrow to 270°	25°08'30"N 56°25'54"E			
	Orientation of purple open-outlined dashed arrow to 090°	25°09'10"N 56°26'54"E			
	(BA CH 3526)				
★62432	15Ed. 2/6/99 LAST NM 34/02		2/03		
Add	Depth 16.5 meters Foul [K31]	29°02'36"N 48°10'36"E			
	(Plan)				
Add	Depth 16.5 meters Foul [K31]	29°02'36.2"N 48°10'35.9"E			
	(NTM0044/2002)				
71005	1Ed. 1/25/92 LAST NM 34/02		2/03		
Delete	Platform (See 9/02-71005)	5°19.1'N 98°02.9'E			
Add	Moored storage tanker [L17] Fl 5s 12M	5°18.9'N 98°02.8'E			
	(534), 11(76)02 Jakarta				
71027	9Ed. 9/19/98 LAST NM 49/02		2/03		
Substitute	Depth 34 meters Wk [K26] for swept depth 28 meters Wk	3°18.4'N 104°56.0'E			
Add	Depth 56 meters Wk [K26]	4°06.4'N 104°20.8'E			
	Depth 32 meters Wk [K26]	3°20.2'N 104°05.5'E			
	(42(4488, 4489)02 Taunton)				
71091	4Ed. 10/18/97 LAST NM 1/03		2/03		
Substitute	Stranded wreck [K24] for rock awash	5°35.32'N 95°10.20"E			
	(43(4613)02 Taunton)				
71261	8Ed. 2/22/86 LAST NM 35/02		2/03		
Relocate	Buoy "9" from 1°34'48"N 101°54'16"E to 1°34'51"N 101°54'17"E				
	(Plan B)				
Relocate	Buoy "9" from 1°34'48.0"N 101°54'16.0"E to 1°34'51.0"N 101°54'17.0"E				
	(11(77)02 Jakarta)				
71275	3Ed. 5/1/99 LAST NM 35/02		2/03		
Delete	Buoy "9"	1°35'15"N 101°54'00"E			
Add	Buoy "9" G, conical, cone topmark, Fl G 5s	1°35'18"N 101°54'01"E			
	(11(77)02 Jakarta)				
71305	2Ed. 1/2/99 LAST NM 36/02		2/03		
Delete	Platform (See 9/02-71305)	5°19.1'N 98°02.9'E			
Add	Moored storage tanker [L17] Fl 5s 12M	5°18.9'N 98°02.8'E			
	(534), 11(76)02 Jakarta				
71340	11Ed. 7/25/92 LAST NM 46/02		2/03		
Change	Light to Fl 10s 23m 16M	3°44.5'N 113°25.6'E			
	(42(4501)02 Taunton)				
72000	8Ed. 8/5/95 LAST NM 50/02		2/03		
Add	Depth 21 meters "Rep (2002)" [I3.2] (PA)	4°32.7'S 116°07.3'E			
	(44(4713)02 Taunton)				
72007	10Ed. 8/31/96 LAST NM 51/02		2/03		
Add	Depth 21 meters "Rep (2002)" [I3.2] (PA)	4°32.7'S 116°07.3'E			
	(44(4713)02 Taunton)				
72070	4Ed. 10/7/95 LAST NM 32/02		2/03		
Add	Depth 21 meters "Rep (2002)" [I3.2] (PA)	4°32'42"S 116°07'18"E			
	(44(4713)02 Taunton)				
72080	7Ed. 3/28/98 LAST NM 51/02		2/03		
Add	Depth 21 meters "Rep (2002)" [I3.2] (PA)	4°32'42"S 116°07'18"E			
	(44(4713)02 Taunton)				
72085	2Ed. 12/30/95 LAST NM 51/02		2/03		
Add	Depth 21 meters "Rep (2002)" [I3.2] (PA)	4°32.7'S 116°07.3'E			
	(44(4713)02 Taunton)				
74000	6Ed. 9/9/95 LAST NM 47/02		2/03		
Add	Wreck [K29]	(23(726)02 Wollongong)	33°04.3'S 152°02.1'E		
74151	9Ed. 3/11/95 LAST NM 44/02		2/03		
Add	Wreck [K29]	(23(726)02 Wollongong)	33°04'20"S 152°02'09"E		
74153	2Ed. 3/4/95 LAST NM 44/02		2/03		
Substitute	CAUTION note from Subsection I-2 for same	(22(685)02 Wollongong)	32°55'00.0"S 151°42'09.0"E		
74440	3Ed. 7/12/97 LAST NM 39/02		2/03		
Delete	Depth 13.8 meters	14°01.9'S 126°14.5'E			
Add	Depth 5 meters "Rep (2002)" [I3.2]	14°02.3'S 126°14.0'E			
	Dangerous submerged rock [K13] "Rep (2002)"	14°22.6'S 125°57.8'E			
	(23(734, 735)02 Wollongong)				
74450	3Ed. 3/23/96 LAST NM 49/02		2/03		
Delete	Depth 13.8 meters	14°01.9'S 126°14.5'E			
Add	Depth 5 meters "Rep (2002)" [I3.2]	14°02.3'S 126°14.0'E			
	(23(734)02 Wollongong)				
75025	9Ed. 12/10/94 LAST NM 39/02		2/03		
Add	Danger circle "Well" [L21.1]	38°01.6'S 148°27.0'E			
	Danger circle "Well" [L21.1]	38°00.3'S 148°26.6'E			
	(20(646)02 Wollongong)	33°04.3'S 152°02.1'E			
75035	18Ed. 3/18/95 LAST NM 39/02		2/03		
Add	Danger circle "Well" [L21.1]	38°01.6'S 148°27.0"E			
	Danger circle "Well" [L21.1]	38°00.3'S 148°26.6'E			
	Wreck [K29]	33°04.3'S 152°02.1'E			
	(20(646), 23(726)02 Wollongong)				
75240	4Ed. 7/1/95 LAST NM 39/02		2/03		
Add	Danger circle "Well" [L21.1]	38°01.6'S 148°27.0'E			
	Danger circle "Well" [L21.1]	38°00.3'S 148°26.6'E			
	Submarine pipeline [L40.1] between	38°00.3'S 148°26.6'E			
	Buoy Y, pillar, "X" topmark, Fl Y 4s [Q130.6]	38°01.6'S 148°27.0'E			
		38°00.3'S 148°26.7'E			
	Buoy Y, pillar, "X" topmark, Fl Y 4s [Q130.6]	38°01.6'S 148°27.1'E			
		38°00.3'S 148°27.0'E			
	(20(646)02 Wollongong)				
75264	17Ed. 10/3/98 LAST NM 45/02		2/03		
Add	Depth 15.6 meters	33°51'04.8"S 151°12'43.4"E			
	(23(725)02 Wollongong)				

83251	2Ed. 7/11/98 LAST NM 45/98 Change Light to Fl G 4s 6m 6M (BA LL)	2/03 23°06'07.1"S 134°57'05.2"W 23°05'54.0"S 134°57'03.1"W	97396	14Ed. 8/30/97 LAST NM 40/02 Add Submarine pipeline [L40.1] with legend "Water" joining	2/03 32°53'01"N 129°40'41"E 32°53'02"N 129°39'02"E 32°53'17"N 129°38'31"E 32°53'18"N 129°37'20"E 32°53'27"N 129°37'02"E 32°53'28"N 129°36'40"E 32°53'24"N 129°36'26"E (46(1585)02 Tokyo)
83252	8Ed. 7/4/98 LAST NM 18/02 Change Light to Fl G 4s 6m 6M (BA LL)	2/03 23°06'07.1"S 134°57'05.2"W 23°05'52.9"S 134°57'03.9"W			
93010	6Ed. 1/9/99 LAST NM 41/02 Add Depth 56 meters Wk [K26] (42(4488)02 Taunton)	2/03 4°06.4'N 104°20.8'E			
93101	2Ed. 10/30/82 LAST NM N38/02 Add Depth 17 fathoms Wk [K26] (42(4489)02 Taunton)	N2/03 3°20.2'N 104°05.5'E			
93110	2Ed. 8/18/01 LAST NM 1/03 Delete Depth 28 meters Wk (PA) Add Depth 56 meters Wk [K26] Depth 34 meters Wk [K26] Depth 32 meters Wk [K26] (42(4488, 4489)02 Taunton)	2/03 3°18.0'N 104°56.3'E 4°06.4'N 104°20.8'E 3°18.4'N 104°56.0'E 3°20.2'N 104°05.5'E			
93730	3Ed. 6/29/96 LAST NM 50/02 Change Designation of buoy "1" to "5" Designation of buoy "4" to "8" (43(775)02 Tianjin)	2/03 22°34.0'N 114°42.0'E 22°35.8'N 114°41.2'E			
94283	7Ed. 5/25/96 LAST NM 46/02 Add "Swept depth 12m (2001)" area [I24] bound by shore and green dashed line joining Dashed line (anchorage limit) joining (See 20/01-94283) (2(13)02 Tianjin; Cna CH 12351)	2/03 36°00'54.8"N 120°12'48.7"E 36°00'37.1"N 120°12'28.7"E 36°00'24.4"N 120°12'45.9"E 36°00'41.6"N 120°13'04.9"E 36°00'44.9"N 120°13'02.9"E 36°01'04.5"N 120°13'30.8"E 36°01'16.2"N 120°13'48.0"E 36°01'24.3"N 120°14'01.7"E 36°01'28.3"N 120°14'18.1"E 36°01'42.6"N 120°15'01.6"E 36°01'47.1"N 120°14'45.3"E 36°01'39.6"N 120°14'10.5"E 36°01'32.6"N 120°13'55.0"E 36°01'27.2"N 120°13'46.7"E 36°00'57.0"N 120°13'00.0"E 36°00'50.9"N 120°12'52.8"E			
97380	7Ed. 8/23/97 LAST NM 1/03 Add Submarine pipeline [L40.1] joining	2/03 32°53.0'N 129°40.7'E 32°53.0'N 129°39.0'E 32°53.3'N 129°38.5'E 32°53.4'N 129°36.4'E (46(1585)02 Tokyo)			
97390	5Ed. 8/9/97 LAST NM 40/02 Add Submarine pipeline [L40.1] with legend "Water" joining	2/03 32°53'01"N 129°40'41"E 32°53'04"N 129°39'54"E 32°53'02"N 129°39'02"E 32°53'17"N 129°38'31"E 32°53'20"N 129°37'40"E 32°53'18"N 129°37'20"E 32°53'27"N 129°37'02"E 32°53'28"N 129°36'40"E 32°53'24"N 129°36'26"E (46(1585)02 Tokyo)			

SECTION I

Chart 11376

NM 2/03

MOBILE BAY AND RIVER CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 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)
ENTRANCE CHANNEL	42.2	47.2	44.8	10-02	600	7.0 47
MOBILE BAY:						
LOWER REACH (TO LIGHT 50)	41.2	44.7	40.8	10-02	400	11.8 45
UPPER REACH	32.5	40.9	40.1	10-02	400	13.4 40-45
MOBILE RIVER:						
PINTO ISLAND REACH	34.6	37.7	35.1	3-02	700-800	0.6 40
MOBILE CHANNEL	35.9	40.0	36.4	4-02	600	1.5 40
MOBILE TURNING BASIN	39.9	39.1	39.8	3-02	200-675	0.4 40
BLAKELEY ISLAND REACH	38.3	38.0	31.9	3-02	500	1.0 40
ST. LOUIS POINT REACH	18.9	25.4	22.3	6-00	500	0.2 25
CHICKASAW CREEK CHANNEL	15.6	24.7	22.4	7-01	250	2.7 25
ARLINGTON CHANNEL	14.7	13.4	11.8	1-02	150	1.4 27
OCEAN TERMINAL TURNING BASIN	12.0	11.1	10.0	1-02	600	0.1 27
THEODORE SHIP CHANNEL:						
BAY CUT	35.2	37.5	37.1	9-01	400	4.5 40
ANCHORAGE AREA	40.0	40.0	39.9	9-01	300	0.2 40
LAND CUT	36.6	38.4	A36.6	9-01	300	1.5 40
TURNING BASIN	37.0	38.0	34.8	9-01	1400	0.3 40
BARGE CHANNEL	10.4	11.6	9.0	1-02	100	1.1 12
A. ROCK OBSTRUCTIONS REPORTED FROM BUOY '20', CONTINUING FOR APPROXIMATELY 600 FEET EASTWARD. MINIMUM DEPTH OVER ROCKS IS 38 FEET.						
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

Chart 11377

NM 2/03

MOBILE BAY AND RIVER CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 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)
ENTRANCE CHANNEL	42.2	47.2	44.8	10-02	600	7.0 47
MOBILE BAY:						
LOWER REACH (TO LIGHT 50)	41.2	44.7	40.8	10-02	400	11.8 45
UPPER REACH	32.5	40.9	40.1	10-02	400	13.4 40-45
THEODORE SHIP CHANNEL:						
BAY CUT	35.2	37.5	37.1	9-01	400	4.5 40
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

SECTION I

NM 2/03

Chart 12327

NM 2/03

NEW YORK HARBOR - LOWER BAY - CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2002 AND SURVEYS TO JUL 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) DEPTH MLLW (FEET)
AMBROSE CHANNEL	40.3	44.7	44.9	28.4	9-95	2000 9.2 45
SANDY HOOK CHANNEL (EAST)	38.9	40.7	37.9	31.8	6,7-02	A800-2200 3.5 A35
SANDY HOOK CHANNEL	24.9	38.6	37.3	32.9	6,7-02	800 2.4 35
CHAPEL HILL:						
SOUTH CHANNEL	28.6	29.9	30.1	26.3	12-01	1000 2.7 30
NORTH CHANNEL	29.1	29.2	29.4	28.4	12-01	1000 1.8 30
TERMINAL CHANNEL	44.2	45.7	46.0	44.0	2-97	400 0.8 35
KEYPORT HARBOR CHANNEL	5.0	6.7	6.5	5.8	5-02	100-200 0.9 8
RARITAN BAY EAST REACH	33.3	37.2	35.5	33.1	4-01	600 4.0 35
RARITAN BAY WEST REACH	33.4	39.1	39.2	33.9	4,9-01	600 2.4 35
SEQUINE POINT BEND	28.5	35.1	38.4	29.7	9-01	600-800 1.2 35
RED BANK REACH	34.0	40.3	40.5	34.2	9-01	600 1.2 35
WARD POINT BEND (EAST)	31.5	38.7	36.9	27.6	9,12-01	600-800 1.1 35
WARD POINT BEND (WEST)	35.0	35.0	35.0	33.8	9,12-01	600-800 0.8 35
RARITAN RIVER CUT OFF	16.7	19.3	19.3	11.6	3-99	600-1100 1.0 20
WARD POINT SECONDARY CHANNEL	23.6	22.7	22.5	21.9	3-93	400 0.9 30
GREAT BEDS REACH	24.6	25.7	25.3	25.2	6-01	300 0.6 25
SOUTH AMBOY REACH	24.4	23.1	22.8	23.6	6-01	300 1.2 25
A. THE NAVAL FACILITIES ENGINEERING COMMAND MAINTAINS A 45 FOOT PROJECT FOR A WIDTH OF 600 FEET IN SANDY HOOK (EAST) TO THE TURNING BASIN.						
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

Chart 12378 (Left Panel)

NM 2/03

CONNECTICUT RIVER CHANNEL DEPTHS 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)
MOUSE ISLAND BAR CHANNEL	15.0	13.3	11.8	7-83	150	0.7 15
PORTLAND BAR CHANNEL	11.6	11.9	12.9	7-83	150	0.3 15
CROMWELL BAR CHANNEL	14.5	14.1	13.3	7-83	150	0.6 15
GILDERSLEEVE ISLAND SHOAL CHANNEL	11.2	14.4	11.1	9-89	150	0.9 15
PISTOL POINT BAR CHANNEL	11.4	12.7	8.1	7,8-9-02	150	0.9 15
BROWNSTONE BAR CHANNEL	15.0	13.7	13.1	9-89	150	0.9 15
DIVIDEND BAR CHANNEL	7.7	7.8	8.1	7-98	150	0.6 15
GLASTONBURY-TWO PIERS BAR CHANNEL	11.6	12.1	12.6	4-86	150	1.2 15
GLASTONBURY UPPER BAR CHANNEL	12.3	12.2	12.0	4-86	150	0.9 15
PRESS BARN BAR CHANNEL	14.1	13.2	12.6	9-89	150	0.1 15
NAUBUC BAR CHANNEL	15.0	15.0	13.6	11-82	150	0.5 15
CYS HOLLOW BAR CHANNEL	15.0	15.0	13.9	9-89	150	0.5 15
WEATHERSFIELD SHOAL CHANNEL	11.8	12.2	12.8	9-89	150	0.4 15
CLAY BANKS BAR CHANNEL	12.3	12.9	12.9	1,2,3-91	150	1.6 15
HARTFORD BAR CHANNEL	9.7	10.2	13.5	10-89	150	0.4 15
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

SECTION I

NM 2/03

Chart 12401

NM 2/03

NEW YORK HARBOR-LOWER BAY-CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2002 AND SURVEYS TO JUL 2002								
NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS			
	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
AMBROSE CHANNEL	40.3	44.7	44.9	26.4	9-95	2000	9.2	45
SANDY HOOK CHANNEL (EAST)	38.9	40.7	37.9	31.8	6-7-02	A800-2200	3.5	A35
SANDY HOOK CHANNEL CHAPEL HILL:	24.9	38.6	37.3	32.9	6-7-02	800	2.4	35
SOUTH CHANNEL	28.6	29.9	30.1	26.3	12-01	1000	2.7	30
TERMINAL CHANNEL	44.2	45.7	46.0	44.0	2-97	400	0.8	35
RARITAN BAY EAST REACH	33.3	37.2	35.5	33.1	4-01	600	4.0	35
RARITAN BAY WEST REACH	33.4	39.1	39.2	33.9	4-9-01	600	2.4	35

A. THE NAVAL FACILITIES ENGINEERING COMMAND MAINTAINS A 45 FOOT PROJECT FOR A WIDTH OF 600 FEET IN SANDY HOOK (EAST) TO THE TURNING BASIN.

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

Chart 74153

NM 2/03

CAUTION

The restricted area lies within the authority of the Harbor Master - Port of Newcastle. It represents a fairway for commercial shipping and vessels should neither anchor in this area nor hamper the navigation of commercial shipping in any way.

SECTION I

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

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	11321	29	12*,22,28,39,40,41,45/02	11385	25	23/02*	11516	29	7*,18,24,37,49/02
50	5	5.8,17/02	11322	27	21,22,24,36,37,49/02	11388	16	7,10,17/02	11517	17	32/02
51	1	7/02	11323	59	26*,28,33,37,39,45/02; 1/03	11389	32	2*,7,8,11,18,23,28,33, 37/02;2/03	11518	32	6,15,16,32,35,43,48, 52/02
52	1	14,18/02	11324	32	22*,24,25,31,33,37/02; 1/03	11390	22	23*,27,33,34,37/02	11520	40	31*,39,40,44,46,51/02
53	2	5.17/02	11325	34	19*,21,24,35,37,49/02	11391	22	6,8,18,23,33,34/02	11521	26	15*,17,32,35/02
101	3	48/02	11326	30	4,5,6,7,8,9,10,11,15,16, 21,22,24,25,31,33,36,37, 47/02;1/03	11393	20	5*,7,8,11,18/02	11523	21	15*,17,32,35,52/02
108	9	12,13,32,35/02	11327	30	5,7,10,11,16,21,22,24,28, 37,49/02;1/03	11400	34	9*,11,23,39/02	11524	45	13*,16,21,32,35,43,48, 52/02
302	1	2/03	11328	22	6,7,9,10,21,36,37,39,47, 49/02	11401	29	8,23/02	11525	6	N2,N12,N14,N17,N19, N23,N39,N40,N44,N46, N51/02
310	20	2/03	11329	34	12*,21,24,36,37,39,47, 49/02;1/03	11404	21	15,23,30/02	11527	16	12,37/02
400	3	23,26,31,32,33,35,45/02	11330	14	2/03*	11405	28	31/02*	11531	21	31/02*
401	5	22,23,26,31,33,35,45/02	11331	18	11,17,23/02	11408	27	15/02*	11532	20	15*,37/02
411	48	11,13,16,22,23,26,31,32, 33,35,40,42,45,50/02	11332	28	42*,43,49,51/02	11411	14	43*,45/02	11534	31	2*,9,13,14,32/02
500	7	5/02	11333	1	N28/02	11412	41	42*,45/02;1/03	11535	12	12*,25,46/02
501	11	6.8,10,34,38/02	11334	67	2/03*	11415	5	42*,45/02;1,2/03	11536	15	19*,40/02
502	2	52/02	11340	38	6,7,9,10,11,12,16,18,21, 22,23,24,28,30,31,34,36, 37,39,43,49/02	11416	5	42,48/02;1,2/03	11537	33	7*,8,9,13,17,20,23,31,32, 33,39,40,42,44,50/02
507	2	45/02	11341	38	6,7,9,10,11,12,16,18,21, 22,23,24,28,30,31,34,36, 37,39,43,49/02	11417	14	43*,45/02	11539	18	2,9,39,44,51/02
508	2	15,24,45/02	11342	51	7,11,14,17,21,23,24,30, 37,43,49/02	11418	41	42*,45/02;1/03	11541	32	2,8,13,18,20,21,30,39,44, 47/02
509	4	14/02	11343	36	7,17,21,23,37,40,49/02	11420	26	5,20,39,42/02	11542	15	39/02
513	6	5.17,38/02	11344	34	5,7,10,12,13,16,17,19,24, 28,30,38,40,43,47,49, 51/02	11422	17	21,24,36,42/02	11543	22	13,18,29,39/02
520	127	5.8,20,38/02	11345	30	10,12,16,40,51/02	11423	7	N20,N24,N39,N42/02	11544	37	36/02*
521	11	5.17/02	11346	40	38*,42,51/02	11424	12	31/02*	11545	60	45*,47/02
522	87	14,18/02	11347	30	10,12,16,40,51/02	11425	34	46*,49/02	11547	35	22*,25,29,30,37,47/02
523	8	5.17/02	11348	19	23/02	11426	35	31/02*	11548	38	47/02*
524	12	14,18,47/02	11349	40	38*,42,51/02	11427	33	2/03*	11555	38	36/02*
525	3	14,18/02	11350	24	15/02*	11428	32	52/02*	12200	47	38*,42,52/02
526	10	7,9,12,18,47/02	11351	37	5,6,8,9,10,11,12,15,16, 19,22,27,28,30,33,36,37, 38,40,47,51/02	11429	21	47/02*	12201	25	N14,N15,N17,N19,N23, N42,N52/02
530	30	22*,26,37,38,40,52/02	11352	35	2*,5,6,7,8,12,14,16,17, 22,24,26,27,37,38,39,40, 51/02	11430	24	16/02	12204	34	13,20/02
531	21	18*,47,52/02	11353	2	21*,24,25,26,35,38,43, 45,49/02	11431	12	31/02*	12205	27	37*,43,52/02
532	17	5.17,38/02	11354	23	5,6,8,12,15,16,19,22,27, 28,33,37,38,40,47,51/02	11432	8	26*,28/02	12206	29	31*,33,38,46/02
540	16	51/02	11355	24	37*,40,51/02	11433	30	8*,22,28,43/02	12207	20	2,11,23,50,52/02
550	7	18,24,45/02	11356	34	9,11,12,13,28,29,39,40, 42,45,47,51/02	11434	10	16/02	12208	8	12*,18,23,50,52/02
601	4	14/02	11357	35	36*,37,40,42,51/02	11435	13	N20/02	12210	35	22*,28,43,51/02
602	6	12,47/02	11358	51	23*,24,26,27,31,39,42, 51/02	11436	35	2*,4,24,27/02	12211	40	15*,27,28,51/02
603	6	47/02	11359	11	22*,26,39/02	11437	37	47*,50/02	12214	43	5,11,12,23,26,27,42/02
604	5	12,18/02	11360	40	1*,2/03	11438	39	42*,43,49/02	12216	27	47/02*
605	4	9,12/02	11361	69	13*,16,17,19,22,24,25, 26,27,31,34,36,45,51/02	11439	16	16/02	12221	73	52/02*,1/03
606	1	9/02	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;N2/03	11440	37	47*,50/02	12222	42	13*,27,30,33,34,38,43, 44,46,50,52/02
607	1	7/02	11363	38	26*,29,35,38,40,43,49, 51/02	11441	10	16/02	12224	22	34,39,43,46,47/02
621	5	7,22/02	11364	38	5,8,10,11,13,16,17,22,25, 30,33,35,37,38,39,43, 49/02	11442	16	16/02	12225	53	28*,30,31,47/02
622	9	9,12,14,20,47/02	11365	17	52/02*	11443	35	2*,4,24,27/02	12226	16	2*,22,30/02
623	9	14,47/02	11366	7	48*,51/02	11444	39	42*,43,49/02	12228	29	43/02*
624	3	22/02	11367	31	5,12,16,17,25,33/02	11445	19	9/02*	12230	59	52/02*,1/03
632	8	15,24,45/02	11368	22	38/02*	11446	33	11,24/02	12231	26	9*,14,31,35,46/02
703	4	46/02	11369	43	5,8,12,16,17,25,30,33,35, 38,39,43,49/02	11447	19	16/02	12233	34	1/03
705	3	12,46,52/02	11370	23	2*,5,6,17,31,33,40,51/02	11448	19	24,15,16,31,49/02	12235	29	12*,30,31,47/02
709	2	50/02	11371	35	9/02	11449	8	N11,N12,N24,N39/02	12237	26	14,27,47/02
800	4	17/02	11372	30	2/03*	11450	16	19/02*	12238	37	46/02*,1/03
803	1	8,17/02	11373	40	1*,2/03	11451	4	N5,N8,N12,N15,N24, N27,N28,N29,N35, N50/02	12241	21	9*,14,16,34,44/02
1113A		5,20,39,42/02	11374	31	43*,37,40,42,51/02	11452	37	6,32,35/02;1/03	12243	13	5/02
1114A		9*,11,23,39/02	11375	35	1*,2/03	11453	4	42*,49/02	12245	60	12*,14,15,27,30,33,38, 46,49,50,52/02
1115A		1*,2/03	11376	48	9*,13,15,16,21,22,23,25, 27,29,31,40,43,50/02; 2/03	11454	21	15,16/02	12248	39	18*,30,33,40,50,52/02
1116A		2/03*	11377	30	2/03*	11455	19	9/02*	12251	23	10,35/02
1117A		28*,30,31,37,39,40,41, 42,45,51/02;1/03	11378	43	5,12,16,21,22,23,25,27, 30,32,40,50/02	11456	9	N11,N24,N39/02	12252	23	5,33,34/02
11004	7	4,7,8,9,10,11,12,13,15, 16,18,22,26,31,37,39, 40,42,43,45,47,51/02	11379	35	9/02	11457	8	N11,N12,N24,N39/02	12253	42	9*,33,38,42,46,50/02
11006	30	28*,36,39,40/02;2/03	11380	44	45,51/02	11458	17	2/02	12254	43	38*,43,44/02
11009	36	2*,5,12,19,23,24,32,35, 44,51/02	11381	38	26*,29,35,38,40,43,49, 51/02	11459	33	2,18,22,28,29,30,34,37, 38/02	12255	15	13*,44/02
11013	44	18*,20,35,50/02	11382	30	2/03*	11460	28	11/02	12256	13	19*,33,44/02
11300	38	26*,28,30,31,37,39,40, 41,42,45,51/02;1/03	11383	49	46/02*	11461	19	16/02	12261	28	37*,44/02
11301	23	7,10,14,21,37/02	11384	32	3,10,18,22,30,32/02	11462	19	10/02*	12263	51	38/02*
11302	29	34*,37/02	11385	35	1*,2/03	11463	8	N11,N12,N24,N39/02	12264	28	38/02*
11304	12	10/02	11386	31	5,12,16,17,25,33/02	11464	17	2/02	12266	27	30/02
11305	1	N6,N7,N11,N21,N26, N29,N36,N46/02;N1/03	11387	36	22*,38/02*	11465	16	19/02*	12268	10	22/02*
11307	36	9,13,28,31/02	11388	43	5,8,12,16,17,25,30,33,35, 38,39,43,49/02	11466	9	N6,N32,N35/02;N1/03	12270	31	3,5,8,14,21,27,36/02
11308	21	4,6,18,26/02;1/03	11389	46	46/02*	11467	16	19/02*	12272	29	26*,27,36,45/02
11309	36	13*,14,21,26,28,36, 46/02;1/03	11390	48	9*,13,15,16,21,22,23,25, 27,29,31,40,43,50/02;	11468	30	24,34,48/02	12273	53	26*,31,36,45,50/02
11310	1	N4,N7,N8,N21,N46/02	11391	30	2/03*	11469	27	12*,20/02;1/03	12274	33	37*,50/02
11311	23	15*,21,46,52/02	11392	43	31*,33,37,40,41,42,45, 49/02	11470	1	4,11,16,18,26,28,31,34, 40,49/02;1/03	12277	31	26*,50/02
11312	3	2*,4,7,8,21,26,28,36, 46/02;1/03	11393	31	45*,49,50/02;1,2/03	11471	39	5,12,18,25,32,35,39,49,	12278	72	26*,36,45/02
11313	22	4,31/02	11394	35	1*,2/03	11472	52	02;1/03	12280	3	37*,43,45,46,47,50, 52/02;1/03
11314	21	4,8,14/02	11395	48	9*,13,15,16,21,22,23,25, 27,29,31,40,43,50/02;	11473	30	24,34,48/02	12281	49	15/02
11315	30	37/02*	11396	2/03	11474	16	12/02*	12282	33	31*,44/02	
11316	38	4,11,13,14,16,21,25,36, 37,40,49/02	11397	4	26*,40,50/02;2/03						

SECTION I

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

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.
12300	42	17,18,19,28,29,37,39,42, 45/02	13236	29	45/02;1/03	14340	25	16,17,26,33,37,40,52/02	14937	24	52/02*;2/03
12301	21	N20*,N28,N29,N37, N39,N42,N45/02	13237	38	2,4,17,42,48/02	14342	20	52/02	14942	25	35/02
12304	42	28*,42,52/02	13241	15	21*,34,42/02	14344	2	37,40/02	14963	20	51/02
12311	41	2,4,15,18,28,31,42,50, 52/02	13244	39	22*,48/02	14345	5	37,40/02	14967	22	10/02
12312	51	4,5,8,9,18,21,27,31,33, 42,43,52/02	13246	36	11,26,27/02	14349	7	16/02	14970	25	6,40,46,51/02
12313	48	5,9,14,18,21,27,31,33,43, 52/02	13253	17	20,26,51/02	14357		N52/02	14972	25	21/02
12314	30	46*,50/02	13260	38	28*,36,43,48,49,50/02; 1/03	14358		N17,N36/02	14974	24	32/02
12316	29	2/03*	13263	7	N2,N8,N11,N20,N21, N25,N27,N36,N43,N48, N49/02;N1/03	14360	36	16,26,33,36/02	14975	33	52/02*
12317	31	15*,26,37,50/02	13264	103	5,21,36,49/02	14386	3	36/02	14984	9	18/02*
12318	40	19,39,45/02	13267	30	6*,12,17,19,27,52/02; 1/03	14415	4	33/02	14995	11	52/02*
12323	23	19,40/02	13270	59	2,3,5,9,17,19,33,34,40, 43/02;1,2/03	14500	27	52/02*	15562		N41/02
12324	30	2/03*	13272	47	3,11,19,28,40/02	14769		N31/02*	15744		N30/02
12326	48	12,17,18,27,28/02	13274	24	3,5,17,19,27,45,52/02;1, 2/03	14772	17	15/02	15880		N41/02
12327	96	1*,2/03	13275	27	2,5,17,19,27,45,52/02;1, 2/03	14773	16	15,19/02	15926		N9/02
12331	29	4,15,22,43/02;2/03	13277			14775		N31/02*	15954		N47/02*
12332	21	15,22,43,46/02	13278	21	19,27,52/02	14776		N31/02*	16003	16	18/02*
12333	32	46*,47/02	13279	25	1/03	14777		N31/02*	16004	11	9/02
12334	64	3,22,27,30,33,45/02;1, 2/03	13280			14782	24	21,22/02	16011	35	5,38/02
12335	39	6/02*,1/03	13283	18	11/02;1/03	14785	16	22/02	16012	21	38/02
12337	22	8,15,20,28,31,45/02	13285	10	11/02	14786	13	5*,24/02	16013	28	17,22,29,52/02
12339	43	5/02	13286	29	39*,40,50/02;1/03	14800	9	19,23/02	16041	8	13/02*
12341	25	22/02*	13288	40	2,9,11,15*,20,23,29,36, 43,50,51/02	14804	24	20/02*	16042	7	39/02*
12343	18	37/02*	13289	25	1/03	14810	4	19/02	16061	8	19*,27,37,49/02
12345	10	42/02*	13290	34	2,10,20,36,40,43,50, 51/02	14812	3	19/02	16206	7	2/02
12347	29	25/02	13292	36	20*,36,40/02	14813	21	2/03*	16220	5	6/02
12348	33	25/02	13293	33	26*,29,43,51/02	14820	18	31*,35,38,39/02;2/03	16300	8	52/02
12350	57	39*,49/02	13295	11	2/03*	14823	30	1/03*	16363	12	38/02*
12352	29	9*,12,34/02	13296	25	43/02	14824	25	24/02	16380	13	13,17/02
12354	39	9*,12,14,22,28,33,37, 45/02;2/03	13298	10	43,52/02	14826	26	21/02	16382	10	13,17/02
12358	19	46*,49/02;1/03	13301	20	9,25,33,51/02	14829	5	21/02	16435	5	27/02
12362	16	49/02	13302	21	3*,8,9,20,25,41/02;2/03	14830	29	18,23,39,51/02;2/03	16440	13	37/02
12363	39	2,3,14,18,28,44/02	13303	12	48*,02/	14832	34	52/02*	16441	7	37/02
12364	33	20*,22,28,44,47,49,51/02	13305	28	8,25,40,41,49/02;2/03	14833	25	7,20,26/02	16442	6	3,37/02
12365	26	2,18/02	13308	11	14,40/02	14835	31	39/02	16480	10	38/02
12366	27	3,14,51/02	13309	28	42/02*	14836	27	42/02*	16520	21	2/03
12367	23	18/02	13312	20	5,21,36,52/02	14837	27	26/02*	16521	5	27/02
12368	26	42/02*	13313	19	21,25,41,49,52/02	14838	3	52/02*	16529	14	50/02
12369	25	31*,44/02	13315	11	19*,49/02	14839	35	7,21,24,37,42/02;1/03	16530	6	50/02
12370	18	39/02*	13318	18	38*,41,52/02	14842	12	4,18,23,39,52/02	16531	7	18/02*
12371	22	28,47/02	13322	9	19/02*	14843	22	23,39,51/02	16535	12	2/03
12372	31	45*,47,48,49/02;2/03	13324	13	5,41,52/02;2/03	14844	31	4,18/02	16566	10	17/02
12373	14	2/03	13325	14	5/02;2/03	14845	26	4,18/02	16568	12	39/02*
12375	21	22/02	13326	12	41,43/02	14846	11	18,23,24,39,40/02;2/03	16575	1	39/02
12377	14	22,25,37/02	13329	3	39/02*	14847	30	24,40/02	16576	3	42/02
12378	14	2/03	13336	4	13/02*	14848	56	9*,23,24,31/02	16580	11	39/02
12401	7	31*,47/02;2/03	13338	3	19*,36/02	14850	51	21*,23/02	16590	10	38/02*
12402	8	31*,33,47/02	14002	57	21/02	14852	44	9*,20,23,25,26,37/02	16594	13	2/03
13000		N8,N11,N12,N13,N21, N25,N48,N49/02	14003	6	11,12,13,16,25,48,49/02	14853	13	21*,23,24,25,26,31,37/02	16595	14	2/03
13003	45	2,8,11,12,13,19,21,23,25, 36,37,42,48,49/02;1/03	14008	76	21/02	14854	13	24/02	16596	12	39/02*
13006	30	39*,44,48,49,50/02;1/03	14010	5	21,35/02	14860	35	8*,21,24/02	16597	8	16,43/02
13009	30	42*,48,49/02;1/03	14018	6	16/02	14862	28	26/02*	16598	9	43/02
13200	33	13*,25,37,48/02	14024	5	33,36,39/02	14863	30	5*,10,24/02	16599	6	16,43/02
13201	10	N13,N25,N37,N48/02	14040	65	40/02	14864	26	24,37/02	16603	7	42/02
13203	12	37/02	14083	30	33/02	14867	25	6,32/02	16604	11	22/02*
13204	12	13/02	14087	58	33/02	14873	2	35/02	16606	11	37/02*
13205	36	9,12,37,42,45,48/02;1/03	14088	10	41/02*	14873	2	35/02	16645	18	13/02*
13209	23	14,37/02	14090	2	33/02	14880	30	33/02	16646	12	5/02*
13211	13	9,21,23,47/02	14091	6	41/02*	14881	31	28*,33/02	16660	28	7,13,22,25,29,42/02
13212	34	9,12,21,23,45,47,48/02	14144	29	21/02	14904	25	5,17,31,32,46/02	16662	6	3,22,29/02
13213	39	8,45/02	14151	2	37/02	14905	29	31,35,37/02	16663	6	3,7,13,22,25,29,42/02
13214	27	34*,45,48/02	14180	38	21/02	14907	25	2*,13,17/02	16665	7	7,13,22,25,29,42/02
13215	17	9,14,45,48/02;1/03	14185	2	3/02	14908	17	13/02	16707	10	34,37/02
13216	1	N12,N48/02	14203	12	19/02	14910	22	25,31/02	16708	25	37,49/02
13217	14	14/02	14204	21	19/02	14916	10	45/02*	16709	22	15*,49/02
13218	38	11,29,42,45,51/02	14206	20	19/02	14917	23	17/02	16711	2	15/02*
13219	12	14/02	14208	28	40/02	14918	26	25/02	16713	2	13*,49/02
13221	53	2,4,15,29,44,51/02;2/03	14221	26	40,46/02	14919	27	10,24/02	16741	9	46/02
13223	36	2*,15,52/02;2/03	14222	16	46/02	14922	19	26*,51/02	16760	10	51/02
13224	36	7*,44/02	14225	17	38/02	14924	27	28*,32/02	16762	9	26/02*
13226	5	2,4,5,44/02	14226	32	40/02	14926	9	18,31,32,35,37/02	17003	4	8,9,47,52/02
13227	13	2,4,5/02	14227	28	40/02	14927	24	21*,31,32,35,37/02	17005	10	8,9,11,41,45,47,52/02
13228	11	51,52/02	14228	11	40/02	14928	20	31,37/02	17008	12	8,13,43/02
13229	27	11,17,39,42,45,52/02; 1/03	14240	6	16,34/02;1/03	14929	23	18,31,32/02	17300	30	52/02*
13230	46	2/03*	14242	13	34/02	14930	24	45/02	17302	18	21*,51/02
13232	4	11,39,42/02	14243	8	19,34/02	14931	24	35/02*	17303	9	15,37/02
13233	16	17/02	14244	5	19/02	14932	22	32/02	17315	23	2/03
13235	5	17/02	14260	47	35/02	14933	24	35*,37/02	17316	20	28/02*
13236	37	35/02	14280	37	35/02	14934	26	4,6/02;2/03	17320	15	15/02
13235	5	17/02	14310	2	52/02	14935	21	17/02	17330	7	15/02
									17360	32	44/02;1/03

SECTION I

NM 2/03

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

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.
17372	10	2/02	18430	7	28/02*	18663	4	23,27/02	21384	3	23/02
17379	1	15*,20/02	18431	6	2/03*	18666	1	9*,26/02	21441	27	34,44/02
17381	10	13/02*	18432	4	5/02	18680	30	15/02	21489	1	13/02
17382	14	44/02;1/03	18433	5	2/03*	18685	31	25/02	21500	1	5/02
17383	1	31*,49/02	18434	4	15,26,P44,48/02	18700	21	8,34,36,37/02	21510	1	13/02
17384	7	44/02	18440	25	4,6,7,9,12,15,17,22,33, 39,P44,48,52/02	18703	24	13*,36,37/02	21520	1	5/02
17385	13	44,48/02	18441	42	30*,32,39/02	18704	12	37/02	21521	14	5/02
17400	16	14,15,36/02	18443	15	7,8,17,39/02	18720	31	8,23,35/02	21529	1	14/02
17401	10	1/03	18444	15	7,8,17,39/02	18721	11	8,35/02	21540	36	5/02
17402	10	46/02*	18445	29	4,6,7,8,12,15,17,22,28, 32,33,39/02	18722	3	8/02	21563	3	45/02
17409	10	39/02*	18446	15	4,6,8/02	18723	3	8/02	21601	4	14/02
17412	2	12/02	18447	26	4,11,27,52/02	18725	26	4,8,23,35/02	21602	1	28/02
17413	2	13,14,43,50/02	18448	32	12,15,17,33/02	18740	39	8,16,20,23,34,37,45, 50/02	21605	7	19/02
17414	3	41/02	18449	17	15,17/02	18741	18	N25,N45,N50/02	22004	38	18,20,23,30,32,34,36,39, 41,43,52/02
17416	3	13/02	18450	16	17/02	18744	30	37/02	22008	35	4,13,18,30,34,36,39,41, 43,44,48,52/02
17420	26	14,36,37,42,43,50/02; 1/03	18452	16	17/02	18746	34	7*,20,23,34/02	22012	31	4,14,16,30,34/02
17421	1	14/02	18453	23	28,38/02	18749	38	7*,10,16,18,20,23,25,27, 40/02	22036	28	18,47/02
17422	8	52/02*	18455	2	N17,N22,N39/02	18751	42	7*,10,16,20,25,27,40/02	22050	4	19/02
17425	6	18/02*	18456	19	12/02	18754	16	36/02	22051	18	28/02
17426	13	37/02;1/03	18457	9	12,15/02	18758	6	35/02*	22052	6	28,46/02
17427	7	11,12,14,16/02	18458	14	6,7,17,22,32,39/02	18760	6	N8,N16,N23,N34,N35, N45,N50/02	22080	3	20,32/02
17429	2	N38/02*	18459	5	N7,N17,N22,N32, N39/02	18761	2	N20/02	22082	4	4,17,19/02
17434	11	11/02	18460	11	2/03*	18762	15	20/02	22083	5	19/02
17437	8	14,16/02	18464	22	9,32/02	18763	9	20/02	22084	4	42/02
17438	12	10,12,14,16,50/02	18465	35	2/03*	18765	15	18*,25,45,50/02	22090	2	30,32,43/02
17443	12	8,10/02	18471	8	13*,32/02	18766	7	25,45,50/02	22100	3	20,32/02
17444	4	10,12/02	18473	6	4,6,8,12,22/02	18768	4	N25,N45,N50/02	22101	19	16,20,32,43/02
17445	2	12,16/02	18474	7	45/02*	18769	2	N20/02	22111	4	32/02
17460		N12/02	18476	4	6,7,12,17,22,32,39/02	18772	46	20,25,50/02	22112	3	23,25,30,32,43/02
17471		N15/02	18477	5	4,12/02	18773	38	4,8,18,20,23,25,50/02	22113	8	23,25,30/02
17480	4	8,15,43/02	18480	29	2/03*	18774	10	35/02*	22114	5	16,32,42,43/02
17485	4	16/02	18484	10	28,40/02	18775	2	N20/02	22120	3	8,18,23,30,34,36,39,41, 43,52/02
17489	19	8,43/02	18485	15	2/03*	19002	9	N23,N25,N37,N51/02	22121	9	6,8,17,23,30,34,36,44, 52/02
17491	3	8/02	18500	28	19*,22,32,39/02	19004	36	23,25,35,37,51/02	22124	2	17,34,52/02
17495	2	8,43/02	18502	84	30*,32,39,42,49/02	19007	16	51/02	22125	1	18,36/02
17503	4	11,43/02	18504	64	18,52/02	19010	17	45*,51/02	22126	1	36/02
17506		N8/02	18520	24	10,33,39/02	19013	16	25,51/02	22130	2	44/02
17513		N8,N11,N42,N43/02	18521	69	34*,39,49/02	19320	16	23,27,35,37,51/02	22138	2	8,18,41,44,48/02
17515	7	8,11,12/02	18523	53	3,7,10,12,15,25,26,33/02	19324	22	27,35/02	22140	2	4,30,34,36,44/02
17517	8	4/02	18524	33	18*,26,28,31,33/02	19327	10	23/02	22142	2	39,41,43/02
17518	7	6,P44,48/02	18525	33	4,7,11,14,15,28,31,33/02	19330	9	6/02*	22143	3	6,8,17,41,52/02
17519	13	4/02	18526	55	4,7,11,15,16,28,31,33/02	19339	1	N25,N35,N49,N51/02	22145	2	N41/02
17520	2	N4/02	18527	21	16,31/02	19340	26	25,35,49,51/02	22160	2	4,30,34,39,41,48,52/02
17521		N8/02	18528	10	52/02*	19341	9	7/02*	22170	3	13*,30,39/02
17525		N8/02	18529	10	52/02*	19347	17	25/02	22172	8	48/02*
17528		N8,N43/02	18531	20	7*,11,26,31,34/02	19350	11	27/02	22173	36	48/02*
17541	3	8,43/02	18532	20	7/02*	19351	9	25/02	22180	2	30,34/02
17542	6	47/02	18541	8	21/02*	19357	22	42*,49,51/02	22181	16	17,27,39,41/02
17543	17	9,11,13,41/02	18558	37	19*,39/02	19358	20	28/02*	22182	6	7,8,30,34/02
17545	13	9,43,47/02	18561	11	10,33,39/02	19360	1	N37,N51/02	22183	3	20/02
17546	22	9,13,42,43,47/02	18580	21	10,26,33,38,39/02	19362	12	49/02	22190	2	30/02
17549	6	13,47/02	18581	17	49/02*	19366	36	13*,31,49/02	22205	2	14,16/02
17550	4	15,42,43,P44,45,47,48, 52/02	18583	38	4,7,31,33,42,49/02	19367	37	22,31,49/02	22221	20	20/02
18000	8	8,45/02	18584	47	7,30,39,49/02	19369	5	22,31,49/02	22250	2	42/02
18002	6	N8,N45/02;N2/03	18587	68	7,11,14,25,30,33,39, 42/02	19379	1	N25,N51/02	22259	4	20/02
18003	18	10,26,33,38,39,40,P44, 45,47,48,52/02	18588	36	23,33,49/02	19381	8	25,49,51/02	22264	2	20,42/02
18005	4	N6,N8,N20,N34/02	18600	14	15*,33,37,38,40/02	19383	17	49/02	22275	3	20,42/02
18007	31	6,10,14,20,26,33,34,37, 38,39,40,47,52/02	18601	13	6/02	19385	7	20/02*	22282	17	19/02
18008	7	N6,N10,N14,N20,N26, N33,N34,N37,N38,N39, N40,N47,N52/02	18602	11	26,32,33/02	19387	9	N25/02	22283	3	N19/02
18009	2	N34/02	18603	15	37,40/02	21005	5	45/02;2/03	22290	4	20/02
18010	20	6,33,34,37,38,39,40/02	18604	24	13,15,24/02	21008	62	39,42,43,50/02;1,2/03	22293	15	20/02
18020	36	6,8,20,34,37,45/02	18640	16	24,49/02	21011	5	2/03	22313	2	44/02
18022	33	13*,23,34,37,45/02	18643	16	24,49/02	21014	72	42,50,52/02;2/03	22314	1	44/02
18400	43	2/03*	18645	24	15,19,50/02	21017	50	23,41,50/02	22341	9	19,43/02
18401	12	5/02	18647	15	2/03*	21020	42	23,41/02	22342	9	19/02
18402	22	4/02	18649	62	3,8,11,12,15,19,20,23,33, 36,38,41/02	21021	3	45/02	22343	1	N19,N43/02
18403	21	4/02	18650	51	28*,33,38,41/02	21023	41	5,34/02	22344	5	N42/02
18405	12	43/02	18651	41	12/02	21026	47	5,13/02	22345	11	42/02
18406	5	5/02	18652	31	2*,8,11,18,19,20,23,26, 27,30,33,38,41,49/02	21033	46	14,20,32/02;1/03	22347	5	N19/02
18407	5	4,8/02	18653	9	3,8,11,15,19,36,38,41/02	21036	7	1/03	22351	1	N43/02
18409	8	11/02	18654	42	28*,38,49/02	21120	27	47,50,51,52/02	22361	2	N7/02
18414	9	8/02	18655	58	10*,19,49/02	21121	18	47/02	22371	5	7/02
18415	8	5,13,42/02	18656	52	19,23,26,27,30/02	21122	5	47/02	22373	1	N50/02
18416	6	10,P44,48/02	18657	18	19,26,27,30/02	21125	13	51,52/02	22375	1	N19/02
18419	11	47/02	18658	29	23,26,27/02	21126	1	50/02	22379	1	N50/02
18420	1	13/02	18659	14	26,30,49/02	21140	1	45,50/02	22381		N19,N43/02
18421	45	2/03*	18660	1	30,49/02	21141	23	48/02	22395	2	4,19,42/02
18423	33	1/03*	18661	26	23,27,30/02	21160	1	45/02	22403	1	N45/02
18427	21	35/02*	18662	20	30/02	21161	19	43,48/02	22404	15	46/02
18428	9	19/02*				21180	1	2/03	22406	1	N1/03
18429	8	4,P44,48/02				21182	34	39/02	22409	4	N45/02
						21200	1	2/03	22410	32	4,7,11,43,44,46/02
						21342	28	41,44/02	22412	2	7/02

SECTION I

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

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.
22413		N45/02	24311	4	27/02	25687	11	12,15,35/02	29122	5	32/02
22418	2	24,36,44,46/02	24312	4	27/02	25700	3	8,12/02	35000	26	11,13,23,24,47,48/02
22421	4	N4,N7,N11,N43,N44, N46/02	24320	4	27,28,34,43/02	25710	2	8,12/02	35008	21	45,48,50/02
22425	2	7,11,44,46/02	24322	6	28,34/02	25720	3	8,12,33/02	35009	19	15,40,41,45/02
22427	1	N4,N43,N44,N46, N50/02	24350	2	31,51/02	25723	40	8/02	35011	2	11,48/02;1/03
22429		N24,N46/02	24355	2	51/02	25724	3	8/02	35016	17	12,29/02
22433	3	39,47/02	24370	1	34/02	25800	3	24,36/02	35031	3	12,22/02
22436	2	39/02	24375	2	34/02	25803	16	12/02	35032	16	12/02
22471	31	18,44/02	24380	2	35/02	25841	9	8,10,24,36/02	35036	21	13,17,19,24,30,36/02
22481	35	43,44/02	24388	2	35/02	25842	10	8/02	35040	18	21,45/02
22482	16	44,50/02	24404	8	14,21,26,35,44,48/02	25845	9	8/02	35041	8	21,35/02
23000	5	18/02	24405	10	14,26,35,36,44,48/02	25848	25	8/02	35042	9	21,27,44/02
23010	4	27,38/02	24406	30	20,26,02;2/03	25849	13	8,42/02	35044	9	38/02
23023	4	27/02	24408	21	4,14,36,44,48/02	26050	1	13,34/02	35047	5	13,35/02
23030	6	27,38/02	24410	2	21,44/02	26060	1	49/02	35060	14	18,22,40,41/02
23115	3	27/02	24423	2	6,8/02	26081	8	46/02	35080	16	18,22,40/02
23121	7	30/02	24430	5	39/02	26083	14	29/02	35084	15	50/02
23122	8	23,30,33/02	24431	14	39/02	26127	21	5,49/02	35086	5	31/02
23123	3	30/02	24434	4	39/02	26128	50	5,49/02	35088	2	50/02
23124	3	N30/02	24444	2	6/02	26129	11	4,26/02	35099	3	41/02
23125	4	30/02	24450	3	6/02	26140	2	8/02	35100	14	40,45/02
23126	6	N24/02*	24452	7	16,26/02	26142	10	8,24,33/02	35101	6	41/02
23127	4	N24/02*	24460	4	15,17,39,47/02	26143	10	8/02	35103	5	41/02
23128	4	N24/02*	24462	5	15,47/02	26145	10	8/02	35120	13	40,45,47/02
23129	2	N24/02*	24463	6	24,39/02	26147	31	8,10,13/02	35130	3	48,51/02
23131	7	26,31/02	24465	6	15,23,33,47/02	26148	4	8,13/02	35136	2	48,51/02
23141	7	34/02	24469	1	20,46,47/02	26210	2	24,36/02	35141	11	34/02
23150	10	20,37,52/02	24470	4	28,39,47/02	26229	11	17/02	35143	7	34/02
23152	3	37/02	24471	8	28,47/02	26230	12	17/02	35150	3	48/02
23153	8	20,31/02	24480	1	14,17,25,27,41,44,45, 49/02	26240	7	23/02	35155	3	11/02
24000	39	27,29/02	24482	2	24,49/02	26245	16	51/02	35159	3	25/02
24004	36	5,7,29,30/02	24483	2	20,24,49/02	26259	2	51/02	35163	7	25,44/02
24008	42	7/02	24484	3	24,49/02	26260	5	12,24/02	35166	4	35/02
24012	40	6/02	24490	3	24,31/02	26280	7	8,23/02	35167	3	35/02
24016	53	30,39/02	24491	3	31/02	26282	6	8/02	35169	2	35/02
24020	47	27/02	24492	20	31,46/02	26284	3	8/02	35200	7	48,51/02
24028	6	23,48/02	24501	3	14,17,27/02	26290	1	8/02	35210	3	29/02
24050	11	27,31,34,38,49/02	24502	6	46/02	26303	4	13/02**	35230	3	29/02
24052	15	31,37,38/02	24504	7	17,41,45,46/02	26305	4	13/02**	35236	2	7,38,50/02
24053	16	24/02	24508	2	18,19,41,45,46/02	26306	14	8/02	35246	2	38,43/02
24055	6	37,49/02	24509	2	17,45,50/02	26308	4	8,15/02	35247	4	50/02
24057	4	31,38,49/02	24510	2	17,18,19,41,45,46,50/02	26309	26	8,17/02	35255	3	50/02
24058	2	31,32,37,38/02	24512	3	25,29,44,46/02	26320	5	5,8,12,15,24,27,28,29, 35/02	35270	2	38,46/02
24060	2	34/02	24513	18	46/02	26323	4	1/03	35276	3	46/02
24080	5	29/02	24517	2	18,19,46,49/02	26327	2	N41/02*	35279	3	38,46/02
24091	6	26/02	25001	7	9,12,17,19/02	27005	4	5,8,9,12/02	35295	3	27/02
24092	14	26/02	25017	5	9,12/02	27041	4	50/02	35298	7	27/02
24100	5	27,29/02	25018	9	9,12/02	27080	4	5,20/02	35299	9	8,12/02
24101	3	37,41/02	25400	1	23,26,35,48/02	27081	6	49/02	35300	17	12/02
24102	3	37,41/02	25480	1	20,42,46/02	27082	6	9,18,49,51/02	35303	7	40/02
24110	3	27,29/02	25484	23	11/02*	27100	2	31/02	35308	5	8,12/02
24130	14	24,29/02	25485	45	23,26/02	27120	4	41,43,44/02	35310	2	12,22/02
24132	13	10/02	25487	2	23,26/02	27163	21	9,49/02	35330	2	4,12,22,38,41/02
24140	18	4,32/02	25524	43	11,33/02;1/03	27183	8	5/02;1/03	35350	2	7,38,41/02
24149	1	32/02	25525	17	1/03	27186	8	5/02;1/03	35390	2	12/02
24150	27	6,27,29,30,32/02	25526	2	11,19,33/02	28004	1	5,20,23,45/02	35400	11	8,12,30/02
24151	4	29,32/02	25527	31	11,33/02	28050	3	13,28,34/02	35402	3	38/02
24152	2	30/02	25528	5	21,42/02	28110	2	15/02*	35405	2	8/02
24153	6	10,30/02	25550	2	17,19,24/02	28162	29	28/02	35420	13	12,24,30/02
24154	12	10/02	25563	50	17,33/02	28164	17	28/02	35421	14	31/02
24156	2	22/02	25565	7	33/02	28170	1	4/02	35423	6	31/02
24159	1	27/02	25566	27	17/02	28190	2	41,43,45,46/02	35424	3	30/02
24160	21	6,27,28/02	25567	16	19/02	28196	4	41,43,45/02	36005	2	6,7,12,13,14,15,17,24,27, 28,34,36,38,45,46/02
24161	11	11,27,42/02	25570	3	19,31/02	28197	4	45/02	36010	27	8,12,16,19,20,22,24, 38/02
24162	9	4,11,22,27,42/02	25575	4	43/02	28202	22	41,44/02	36015	2	13,17,24,27,36,46/02
24164	6	10,27/02	25600	47	24/02	28210	2	33,35,39,41/02	36040	16	12,19,30/02;1/03
24200	14	6/02	25601	34	10,17,19,20/02	28220	2	35,39/02	36046	5	38/02
24211	7	24/02	25607	4	24,39/02	28221	18	33,37,39/02	36060	17	8,12,16,19,31,38/02
24220	14	27,28/02	25608	21	10,17/02	28223	4	35,39/02	36061	5	46/02
24222	3	27/02	25609	5	30/02	28260	30	35,37/02	36062	11	40*,46/02
24223	33	18/02	25613	2	5,14,30/02	28263	3	35,37/02	36081	16	12/02
24230	20	10,18,30/02	25640	40	28/02*	28264	3	35,37/02	36106	7	18,47/02
24233	15	36,43/02	25641	26	5*,30/02	28265	3	37/02	36117	6	18/02
24234	3	30/02	25644	12	42/02	28281	32	36/02	36120	9	16,19,20,22,31,46/02
24240	5	30,39/02	25645	17	15/02*	28282	2	35/02	36122	12	16,19,21/02
24250	5	30,39/02	25646	7	N42/02	28300	1	23,39,50/02	36123	25	16,19,21,46/02
24251	23	24,34,43/02	25649	18	18,30,35/02	28302	16	31,33,39,40/02	36137	4	38/02
24252	5	30,39,43/02	25650	33	22*,30/02	28310	2	23,31,33,35,39/02	36138	3	39/02
24260	5	34/02	25663	27	19/02*	28320	6	33/02	36140	12	13,21,22,24,36,41/02
24270	3	24,27/02	25668	18	15*,16,48/02	28321	36	29/02	36142	6	24/02
24290	3	36,43/02	25670	41	26,38,48,49/02	28323	2	27,29/02	36143	4	18,34/02
24291	4	36/02	25673	15	28,42/02	28325	2	27,29/02	36161	10	13,20,24,34,44,45,47, 50/02
24292	4	36/02	25677	19	4,21,52/02	28330	2	27/02			
24293	6	6,32,36/02	25681	15	4/02	29015	5	2,22/02			
24294	22	6,36/02	25683	17	30,49,52/02	29121	5	32/02			

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

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.
36162	10	13,20,35,45,47,50/02	37165	2	5,8,9,15,17,18,20,21,34, 36/02	41060	3	34/02	44069	16	5,9,11,13,16,18,20,21,24, 29,31/02
36163	13	20,31,34,35,38,44,45,47, 50/02	37166	2	8,11,12,15,16,17,26/02	42620	5	12/02	44070	7	9/02
36164	7	34,38,44,46/02	37170	11	38/02	42740	5	2,12,34,41/02	44071	4	9/02
36165	6	17,18,20,22,24,28,36, 44/02	37180	20	21,38/02	42742	3	2/02	44072	4	5,21/02
36167	2	24,40/02	37182	14	35,47,48/02	42760	5	2,12/02	44073	2	5,21/02
36173	1	40/02	37183	9	48,51/02	43030	24	11,25,28/02;2/03	44075	4	5,9,11,16,17,21,29,31, 42/02
36180	23	13,17,20,21,22,36,40, 50/02	37200	15	18/02	43040	6	2/02	44076	3	18,25/02
36181	18	17,20,21,22,36,40,50/02	37202	2	13,18/02	43059	3	44/02	44081	9	8,15,16,17,20,24,25, 39/02
36182	6	13,20,36,40/02	37205	2	39/02	43060	4	44/02	44082	11	6,11,15,16,17,18,21,24, 25/02
37000	22	11,23,28,47,48/02	37221	13	5,8,9,11,12,15,16,17,18, 20,21,24,25,27,28,34, 36/02	43082	5	41/02	44083	8	10,15,21/02
37005	16	17,18,23,41,45,47/02	37223	14	26,42/02	43101	3	46/02	44084	1	6/02
37010	23	15,16,17,18,23,26,41,45, 47/02	37222	13	15,27,28/02	43104	4	46/02	44085	2	21,25/02
37025	26	38,51/02;1/03	37223	14	15/02	43106	6	44/02	44100	7	11,13,15,16,17,18,24,25, 26,44/02;2/03
37032	2	9,12/02;1/03	37226	17	5,9,11,15,16,17,19,20,21, 25,28,30,39/02	43141	5	52/02	44105	2	49/02
37033	2	47/02	37228	14	5,8,13,21,24,27/02	43142	4	52/02	44120	7	6,11,15,16,17,18,21,26, 27,28,29,31/02;2/03
37041	15	17,20,27,50/02	37229	15	15,16,17/02	43144	4	17/02	44140	8	4,6,16,26,27,28,29,31, 50/02;1/03
37042	5	17,41,45/02	37230	14	16,18,24,25,39/02	43145	4	17/02	44160	7	46/02;1/03
37043	17	13,17,20,43/02	37231	18	9,12,15,20,21,25,28, 30/02	43146	2	48/02	44161	2	29,50/02;1,2/03
37044	16	14,45/02	37242	10	13,15,20/02	43150	2	N17/02	44162	1	50/02;1/03
37045	11	45/02	37244	12	12,15,16,21/02	43160	6	17/02	44163	1	48/02
37046	18	21,31,43/02	37245	13	9,12,15,20/02	43161	2	17,41,44/02	44164	1	46,48/02;1/03
37047	6	14/02	37246	14	13,15/02	43163	3	44/02	44165	1	46/02;1/03
37050	9	18,26,42,46/02	37248	18	13,29/02	43164	3	17,48/02	44178	2	21/02;2/03
37060	3	13,17,21,31,46,50/02	37249	17	13,16,17,26/02	43182	4	47,52/02	44180	6	18,20,24,29,34,45,46/02; 1,2/03
37061	15	36,38/02	37250	10	13,15,20/02	43223	4	41/02	44182	4	21,48,49/02;1,2/03
37063	21	7,16,21,28,36,50/02	37252	11	8,11,16,17,26/02	43225	4	17,52/02	44183	6	48/02;1/03
37064	8	17/02*	37254	14	13,15/02	43240	4	50,51/02	44186	2	21,45,46,48/02;1,2/03
37065	7	19/02*	37255	4	15/02;1/03	43242	4	52/02	44187	2	21/02
37075	3	7,21,31/02	37261	10	15,28/02;1/03	43243	4	50,51/02	44192	1	21,29,46,48/02;1/03
37079	5	22/02	37262	20	1/03	43263	7	44/02	44193	1	26/02;1/03
37080	3	14,17,24,27,30,33,34,38, 40,42,44,45,46,51/02; 1/03	37264	3	30/02;1/03	43265	2	44,52/02	44200	9	20,24,29,34,52/02
37081	23	18,20,21,28,38,43,50/02	37265	3	18,24/02;1/03	43270	2	44/02	44203	1	20,24,33,48/02;2/03
37082	9	13,28,44,50/02	37281	15	30/02;1/03	43280	5	44/02	44204	1	5,48,52/02;2/03
37083	8	20,22/02	37320	16	12,18,26,27,28,38,44/02	43281	6	20/02*	44205	2	48,52/02;2/03
37084	9	20,22,38,40,43/02	37325	8	14,18,34,39,47/02	43284	4	16,51/02	44206	1	46/02
37085	8	38,40/02	37326	2	11,12,34,47,51/02	43285	5	15,16,44/02	44224	1	49/02
37086	8	38,50/02	37328	2	12,18,42,44/02;2/03	43300	4	15,44,47,50/02	44240	8	49,50/02
37087	7	38,40/02	37330	2	22,24,26,30,32,34,38,40, 46/02	43302	4	44,47,50/02	44243	2	25/02
37089	12	21,28/02	37342	3	17,32/02;2/03	43303	4	44,47,50/02	44260	7	29/02;2/03
37090	8	7,14,27,32,45,51/02;1/03	37343	10	11,45/02	43321	6	30,41,47/02	44280	9	29,34,49,50/02;2/03
37095	3	13,14,15,17,18,24,28, 32/02;1/03	37344	11	17,32,34/02	43323	4	30/02	44281	2	49/02
37101	9	6,15,18,27/02	37360	15	15,17,27,28,30,32,34, 43/02;2/03	43341	7	41/02	44282	1	49,50/02
37103	9	12,13,15,27,29/02	37362	6	12,17,31,43,48,51/02;1, 2/03	43345	4	1/03	44283	2	50/02
37104	3	12,13,41/02	37363	8	11,48/02	43346	5	45/02	44284	2	41/02
37106	4	12,13/02	37367	1	38,49/02	43357	13	22/02	44285	1	2/03
37110	11	6,12,13,15,17,18,19,24, 27,28,29,47/02	37370	2	12,15,17,34,40,42,43,44, 48,51/02	43374	8	45/02	44286	1	2/03
37112	1	47/02	37400	10	9,15,28,34,38,40,41,44, 46/02	43375	7	46/02	44310	5	20,29,41,42/02
37115	2	6,12,13,15,17,18,19,27, 28,29,33,47/02	37401	9	9,28,32,44/02	43384	1	48/02	44313	1	27,41,47/02
37119	2	43/02	37402	7	28,32,41,42,44,50/02	43385	1	5,27,45,48/02	44319	2	21,41,42/02
37120	2	12,13,15,19,24,27,29,39, 42,49,51/02	37403	23	12,24/02	43401	2	48,49/02;1/03	44320	4	13,23,29/02
37121	11	12,13,15,24,27,29,31/02	37441	4	9,12,15,25/02	44015	8	28,31,48,49/02	44321	6	13,19,22,23,29,32,40/02
37122	12	48/02	37443	2	9,12/02	44030	7	20,46/02	44340	11	13,16,20,21,37/02
37123	9	19,49/02	37445	1	12,48/02;1/03	44036	5	28/02	44341	7	13,25,37,41/02
37125	15	15,19,24,42,49/02	37446	2	1/03	44038	5	18/02	44342	8	6,13,37,41/02
37126	8	15,41/02	37461	9	51/02	44040	23	28,44/02	44360	9	8,16,20,21,34,37,41, 42/02
37127	11	49/02	37463	6	1/03	44041	7	48/02;1/03	44361	6	21,27/02
37129	6	39,42,49/02	37481	7	47,48/02	44042	7	21,44,45,49/02	44366	1	34,41/02
37133	4	44/02	37501	3	46,47/02	44043	8	44/02;1/03	44367	2	15,16,18,20,22,25,26,29, 35,37,40/02
37134	5	38/02	37505	2	46/02	44046	10	18/02	44400	4	48/02
37136	6	38,46,50,51/02	37506	4	45,46,47,51/02	44047	22	8,26,44/02	44401	7	13/02*
37137	6	46,48/02	38030	1	9,10,20,21/02	44048	11	8/02	44420	6	5,36,49/02
37139	8	18,23/02;1/03	38040	5	12/02	44049	9	18,44,46,50/02	44430	2	4,6,16,17,28/02
37140	33	15,17,19,21,22,24,27,29,	38041	1	12/02	44050	21	8,18/02	44444	6	31/02
37141	29	20,21,23,36,40,48,51/02;	38044	N12/02		44051	1	44,48,50/02;1/03	44461	10	4,6,8,12,16,17,19,28/02
37145	23	46,50/02	38100	4	12/02	44057	5	8,13,21,25/02	44462	4	4,6,8,19/02
37147	15	13,21,35,36,40/02;1/03	38105	N12/02		44061	21	8,18,21/02	44463	9	4/02
37148	13	17,21,35,38/02	38460	7	18/02	44063	8	13,21/02	44465	2	4,6,8,12,16,17,19,28/02
37149	10	44/02	38463	2	N18/02	44064	19	8/02	44481	2	6,26,28,31/02
37150	8	13,16,21,22,31/02	38480	6	18/02	44065	7	5,11,15,16,20,25,30, 42/02	51002	7	13/02*
37161	14	13,18,21,22,31,34,43/02;	38580	8	12/02	44066	10	16,20,27,39/02	51007	22	38/02
37162	12	11,12,15,16,17,26/02	38603	2	4,17,21/02	44067	22	5,8,11,16,21,25,29/02	51013	4	38/02
37163	19	11,13/02	38610	1	20/02	44068	11	11,13,17,18,20,24,26, 44/02	51017	31	37/02
37164	4	15/02	38670	2	9/02				51022	11	37/02
			38683	3	9/02				51061	14	1/03
			38690	2	10/02						

SECTION I

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

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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.
51064	2	52/02;1/03	53105	20	37/02	54225	2	21/02	55064	3	4,23,37,48/02
51100	7	1/03	53106	6	19*,20,24/02	54226	2	7,50/02	55084	7	39/02
51103	10	29*,33,45/02	53107	16	35/02	54227	2	7,50/02	55085	9	13/02
51104	1	29*,33,45/02	53110	1	29,40/02	54240	11	8/02**	55100	8	29,36,37/02
51143	4	14/02*	53111	3	31,44/02*	54260	3	8/02**	55102	3	24/02
51144	3	14*,52/02;1/03	53120	14	13,18,20,21,27,28,39, 42/02	54279	4	50/02*:2/03	55103	2	9,12,24,29,48/02;1/03
51145	2	42/02	53122	3	20,29,40/02	54280	10	11,14,15,20/02	55104	2	9,48/02
51146	3	42,52/02	53125	2	46,51/02	54281	6	20/02	55105	7	6,9,12,18,29,36,41,42/02
51150	1	50,51/02;1/03	53130	1	27,42,47/02	54282	1	51/02	55110	2	4,7,23,24,29,37/02
51154	3	50,51/02	53133	3	6*,41,46/02	54283	5	8,19,20,52/02	55120	2	36/02
51155	1	50,51/02;1/03	53135	2	20,51/02	54284	1	51/02	55128	2	4,5,6,9,26,33,36,38/02; 1/03
51159	3	47/02	53141	5	20,24,34,51,52/02	54287	7	7,9/02	55129	7	6,9,33,36,37/02
51160	20	48,50,51/02;1/03	53147	3	36,39,42,51/02	54288	5	9/02;1/03	55130	2	13,27,45/02
51164	18	38,45,46,50/02;2/03	53149	2	31/02	54289	8	7,9,19/02;1/03	55131	1	27,36,45/02
51165	8	25,45,50/02;2/03	53160	14	20,51/02	54300	12	8,11,13,14,31/02	55139	5	41/02
51166	3	N25,N45/02	53161	8	51/02	54302	1	8,11,13,14,31/02	55140	2	1/03
51167	6	45,50/02;2/03	53162	7	50/02*	54303	4	8/02	55150	2	4,6,7,24,28,29,37/02
51168	2	45,46,50/02;2/03	53164	9	20,37,51/02	54314	2	13/02	55160	2	6,18,24,28,29,42/02
51220	8	33/02	53165	13	39/02	54318	3	5,19/02;1/03	55161	1	7,29/02
51222	6	51/02	53180	10	2,33,34,43,51/02;1/03	54320	4	7,13,20,48/02;1/03	55170	2	9,12,18,29,31,36,41/02
51225	3	27/02	53181	4	2,34/02;1/03	54322	7	5,13,19,20/02;1/03	55175	1	24,28/02
51240	2	33/02	53182	4	36/02	54324	8	19/02	55180	2	9,33/02;1/03
51260	4	37,50/02	53183	13	19*,35/02	54327	4	20,31/02	55200	2	12,27/02
51263	23	49/02	53184	5	32,35/02;1/03	54329	4	5/02	56031	1	1,2/03
51300	4	27/02	53200	6	2,3,33,36,43/02	54330	2	5/02	56042	6	22/02
51320	3	12/02	53201	6	51/02	54333	3	5/02	56043	6	22/02
51341	23	48/02	53203	11	3/02	54334	3	7/02	56044	3	22,38/02
51342	3	1/03	53204	10	3,44/02	54337	3	19,31/02	56060	8	33/02
51380	5	47/02	53206	6	17/02	54339	8	7,17,31/02	56063	1	2,14,21/02
51559	3	41/02	53220	6	2,36,43,51/02	54340	8	19,48,51/02	56064	6	14,38/02;2/03
52039	3	50/02;1/03	53223	5	29/02	54343	10	14,19,48/02	56065	3	33,38/02
52040	17	43,50/02	53242	12	2,52/02;1/03	54344	6	14,19,48/02	56067	3	48/02*
52043	21	46/02	53244	2	2/02;1/03	54346	8	14,19/02	56081	19	41/02
52045	6	36/02	53262	7	22,42/02	54347	4	51/02	56083	2	7,31/02
52046	21	50/02	53263	1	37/02	54350	4	51/02	56100	13	41,49,50/02;1/03
52051	1	43/02	53265	6	19,35,41,46,52/02	54351	7	52/02	56101	6	33/02;1/03
52052	1	43/02	53266	4	1/03	54352	3	52/02;1/03	56102	23	1/03
52060	16	43,50,51/02	53268	4	22,42/02	54360	12	15,19,20,52/02	56103	6	18,30/02;1/03
52061	2	45,48,51/02	53269	5	19/02	54362	3	52/02	56104	2	41,49,50/02
52066	3	50/02	53279	3	9/02	54363	3	15,19,20/02	56120	12	1/03
52080	14	50,51/02	53281	4	31,40,52/02	54364	2	52/02	56191	2	18/02
52082	3	45,46,48/02	53282	8	40/02	54365	6	15,19,36/02	56195	3	22/02*
52083	2	45,46,51/02;1/03	53283	4	33,52/02	54366	3	15/02	57063	5	40,41/02
52084	2	45/02	53284	4	33,40/02	54367	3	15/02	57064	3	41/02
52085	3	50,51/02	53285	4	35/02	54368	4	20/02	57101	18	41/02
52086	2	45,50,51/02;1/03	53287	6	20,27,35,42/02;1/03	54369	4	13,15,52/02	57120	13	43/02
52087	1	51/02	53290	1	35/02	54372	2	20/02	57140	10	43/02
52088	2	45/02	53301	4	27/02	54380	6	5,19,26,42/02	57141	14	43/02
52092	1	46,51/02	53302	4	51/02	54382	9	26/02	57142	6	43/02
52120	12	32,51/02	53303	6	49,51/02	54386	10	7,42/02	57160	10	43/02
52121	8	45,46,50/02;1/03	53306	2	21,39/02	54387	7	6,23,42/02	57161	4	31/02
52122	14	45/02	53311	3	39/02	54389	8	6,43,52/02	57162	7	43/02
52124	1	51/02	54040	3	37/02	54400	8	5,7,20,32,43/02	57164	2	43/02
52125	1	45,46/02	54041	7	18,35/02	54402	4	52/02	57165	1	43/02
52140	6	48,50/02	54043	2	15,17,18,29/02	54403	4	6,22,43,52/02	57170	1	43/02
52141	5	48/02	54043	2	15,17,18,29/02	54404	4	19/02	57381	12	52/02
52144	5	50/02	54061	11	52/02	54407	4	32,43/02	61015	8	17/02
52170	3	3/02	54063	3	1/03	54409	2	23,32/02	61018	4	18,24/02
52172	2	3,11,40/02;1/03	54080	5	8/02**	54413	3	31/02	61020	2	17,28/02
52180	14	2,21,24,42,43,51/02;1/03	54081	3	13/02	54416	5	7/02	61021	3	18/02
52186	3	3/02	54083	4	19/02	54418	4	32,43/02	61036	8	8,27/02
52262	6	7/02	54085	2	18,19,40/02	54421	6	6,7,28,47/02	61110	3	12,28/02
53011	2	51/02	54090	3	46/02*	54422	4	19/02*	61111	12	12/02
53031	1	12,13,17,18,19,21,22,27, 28,30,39,48/02	54095	3	46/02*	54423	5	48/02*	61112	10	14,17/02
53060	14	12,14,15,17,18,19,21,22, 27,28,30,32,51/02	54100	4	8/02**	54430	1	26,28,37,43/02	61120	4	12,28/02
53061	10	14,19,28,30,44,47/02	54105	3	46/02*	54440	4	7,30,41/02	61130	3	12,28/02
53062	13	1/03	54115	3	46/02*	54441	6	30,42/02;2/03	61140	5	12,27/02
53063	8	14,19,28,44,47/02	54120	5	15,16,17,18,19,20,37,39, 41/02	54463	5	14/02	61141	6	38/02
53064	6	33/02	54125	3	46/02*	54464	5	7/02	61142	6	38/02
53065	2	33/02	54140	7	15,16,17,18,41/02	54480	8	22,30,36,41/02;2/03	61150	4	12/02
53066	2	12,33/02	54151	1	7,14,15/02	54481	8	22,30,36/02	61160	3	12/02
53081	8	15,21,30/02	54160	14	8/02**	55001	4	6,18,29,36,37,42/02	61170	5	13,27/02
53082	13	40/02	54161	12	16,17,19/02	55040	4	13,15,18,23,27,28,31,32, 39,41/02	61171	10	13/02
53083	8	18,19/02	54165	2	33,37/02	55041	7	15,22,32/02	61172	6	13/02
53084	6	17,18,24,51/02	54167	2	17,19/02	55042	1	18,21,27,28,42/02	61180	4	20,27/02
53085	6	17,24,51/02	54168	1	37/02	55043	2	21,23,27,28,37,39,42/02	61182	2	13/02
53086	8	20,46,48/02	54169	3	8,16,37/02	55044	5	22,23,41,43/02	61190	4	39,41/02
53087	9	48/02	54180	6	7,8,10,19,41,43,50/02	55045	2	18,21,23,41/02	61191	8	12,13/02
53088	7	33/02	54195	2	11/02	55046	4	4,21,22,23,26,27,30,31, 37,38,39,41,48/02	61200	7	17,21/02
53090	1	41/02	54200	4	7,8,10,11,13,21/02	55047	8	22,23,26,27/02	61210	6	17/02
53093	2	20/02	54201	6	13,21/02	55048	12	6,23,27,32,36,37,39,41, 48/02	61220	5	17/02
53100	16	13,18,19,21,24,28,33,39, 42,51/02	54220	5	7,10,13/02	55049	6	22,27,30,41,43/02	61240	7	18/02
53101	7	33/02	54222	4	21,43/02	55050	12	6,23,27,32,36,37/02	61250	4	18/02
53104	2	20,35,42/02	54223	2	13,21/02	55051	6	17,33/02	61310	2	33/02
			54224	2	13,21/02	55052	7	19,20,36,37/02	61311	5	17,33/02
						55060	7	19,20,36,37/02	61312	3	17,33/02

SECTION I

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

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.
61400	2	27/02	62417	1	52/02	63232	3	45/02	71470	2	15,38/02
61410	2	14/02	62419	6	33/02	63233	15	31/02	72000	8	4,31,32,35,47,50/02;2/03
61420	2	14/02	62420	5	33,37,39/02	63250	6	14*,29,40/02	72007	10	6,30,36,38,47,51/02;2/03
61430	2	14/02	62429	9	17,27,39,43/02	63271	8	19,52/02	72014	10	12,46/02
61433	1	14/02	62431	8	26*,27,37/02	63290	7	19,31,32,38/02	72021	8	31,36,38,47,50,51/02
61434	2	14/02	62432	15	4,25,31,34,02;2/03	63291	9	19,33/02	72028	7	4,5,15,31,34/02
61440	2	15/02	62433	12	15,30,31,34,45/02;1/03	63320	8	30/02	72035	8	16,31/02
61450	2	14,17,27/02	62434	9	12*,40,46,52/02	63321	6	30,42/02	72040	3	11/02
61470	2	15/02	62437	9	32,46/02	63322	2	30/02	72045	2	16/02
61472	1	15,20/02	62439	4	1/03	63324	1	6/02	72060	8	32,50/02
61500	2	17/02	62440	7	5,15,17,20,49/02	63330	9	27,39/02	72070	4	8,11,32/02;2/03
61510	2	15/02	62441	10	16,36/02	63337	15	27,31,39/02	72075	2	8,20/02
61520	2	15/02	62448	2	2,23/02	63400	1	39/02	72080	7	8,20,51/02;2/03
61522	1	15/02	62449	4	15/02	63410	6	39/02	72085	2	6,8,30,47,51/02;2/03
61538	1	15/02	62451	7	2,21,23/02	63413	5	39/02	72094	2	29,38/02
61540	2	15,20/02	62453	3	25,33/02	63417	2	39/02	72100	7	29/02
61541	8	4/02	62455	7	17,27,39,43/02	63420	2	39,45/02	72103	2	29/02
61542	6	4/02	62456	1	27/02	63424	2	45/02	72105	2	36,38/02
61550	2	17/02	62457	5	5,6,17,20,21,24,36,49/02	71005	1	7,9,34/02;2/03	72107	2	12,15,27,29/02
61560	2	15/02	62460	4	6,24,31,33/02	71006	5	8,39/02	72109	3	42,44/02
61581	5	14,18/02	62464	2	15*,31,49,50/02	71009	3	9,39,46,48/02;1/03	72110	9	12,15/02
61582	4	14,18/02	62480	1	13,15,18,23,30,31,33,37, 43/02	71012	3	19,33,39,46/02;1/03	72130	4	13,46/02
61591	4	8/02	62490	1	2,4,12,16,18,25,29,31,32, 33,43,50,52/02	71018	10	2,5,9,10,15,33,35,37/02	72131	3	13/02
61592	4	8/02	62490	2	1,24,12,16,18,25,29,31,32, 33,43,50,52/02	71027	9	7,15,19,20,22,24,25,34, 38,45,49/02;2/03	72161	10	15/02
61610	7	28,29/02	62498	4	12*,23,25,27,31/02	71033	31	7,15,23,37,38,49/02	72173	2	12,15/02
61611	11	28/02	62499	4	15*,25,27,31,49,50/02	71036	8	9,11,35,44/02	72181	2	36/02
61612	4	28/02	62510	2	6,23,31,33,34/02	71040	5	27,34,42/02	72190	2	6,30/02
61650	3	17/02	62512	2	N,6,N23,N31,N33,	71042	1	34/02	72201		5,9/02
62000	20	18,46/02	62512	2	N,6,N23,N31,N33,	71043	2	25/02*	72203	2	16/02
62001	4	2,36,02;1/03	62512	3	N34/02	71044	1	27/02	72211	6	43/02
62024	13	13,14,38,40/02	62515	2	14,26,45/02	71044	1	27/02	72231	8	31/02
62028	15	5,8,12,18/02	62520	5	5,6,7,13,15,17,20,30,31, 37,43,49/02	71058	2	23,36/02	73000	9	26,40,52/02
62032	15	13,16,18,23,29,32,33,43, 50,52/02	62521	3	N,5,N6,N7,N13,N15, N17,N20,N30,N31,N37, N43,N49/02	71059	1	23,36/02	73002	4	4,6,8,18,24,30/02
62033	2	N13,N16,N18,N23,N29, N32,N33,N43,N50, N52/02	62530	5	7,31,33,43/02	71061	15	23,36/02	73004	4	4,26/02
62040	5	13/02	62531	3	N7,N21,N33,N43/02	71066	1	39/02	73006	2	26/02
62046	2	13,39/02	62540	6	17*,18,21,23,25,26,29, 31,32,34,40,45,48,50, 52/02	71081	5	15/02	73008	8	8,16/02
62050	6	18,44/02	62541	3	N17*,N18,N21,N23, N25,N26,N29,N31,N32, N34,N40,N45,N48,N50, N52/02	71091	4	1,2/03	73012	5	9,10,42,48,52/02
62090	7	2/02	62550	2	7,13,30,43/02	71140	6	33,39,46/02;1/03	73014	10	48,52/02
62092	7	2,41/02	62560	3	2,21,23,25,29,52/02	71180	29	2,8,10,33,37/02	73016	4	15,44/02
62093	7	2,16,41,49/02	62570	4	17*,21,23,25,26,31,32, 33,34,36,40,45,48/02	71183	13	32/02	73018	3	13/02
62095	2	2,3,16,41,49/02	62580	3	2,4,14,23,26,32,33,34/02	71185	2	5,8,13/02	73020	9	3,25/02
62100	6	2,4,12/02	62590	2	4,9,12,16,28,29,36,40,46, 48/02	71186	2	5,8,13/02	73022	4	13/02
62110	9	2,4/02	62591	3	N4,N9,N12,N16,N28, N29,N36,N46,N48/02	71210	18	44/02	73024	3	39/02
62120	6	11/02	62591	4	2,4,18,23,25,28,32/02	71211	4	38/02	73030	4	4,20/02
62121	9	11/02	62591	5	2,4,18,23,25,28,32/02	71212	1	18,38/02	73032	4	4,25/02
62140	1	34,40/02	62591	6	2,4,18,23,25,28,32/02	71223	8	17/02	73041	2	18/02
62142	10	24,28/02	62591	7	2,4,18,23,25,28,32/02	71230	11	23,38/02	73141	5	13/02
62143	3	24/28/02	62591	8	2,4,18,23,25,28,32/02	71239	3	4/02	73271	7	21/02
62144	3	24/02	62591	9	2,4,18,23,25,28,32/02	71241	10	18/02	73552	4	9,25,34,45/02;1/03
62170	2	38/02	62591	10	2,4,18,23,25,28,32/02	71243	4	33/02	73570	7	34,45/02;1/03
62171	4	38,47/02	62591	11	2,4,18,23,25,28,32/02	71247	18	20,21/02	73580	4	52/02
62191	14	22,29,41/02;1/03	63000	13	5,12,27,28,48/02	71248	2	N51/02*,N1/03	73581	4	16,52/02
62193	17	17*,19,31/02	63005	18	4,15,25,31/02	71251	11	20,35,40/02;1/03	73601	3	12,15,17,24,26,31,34,35, 47/02
62194	8	17*,18,19,31,36/02	63010	14	26,29,31,52/02	71253	10	14,21,35,40,42/02	73610	4	26,31/02
62195	6	22,36,41/02;1/03	63015	11	31,38,40,52/02	71255	5	9/02	73631	4	36,46/02;1/03
62220	8	8/02	63020	15	27,31/02	71257	2	4,8,9,15,18,21,23,28/02	73640	5	23,36/02
62225	3	17*,37/02	63040	2	12*,46/02	71258	2	4,9,15,18,20,21,28,35/02	74000	6	10,12,24,36,47/02;2/03
62242	11	47/02	63050	2	5,12,17,46/02	71261	8	2,13,35/02;2/03	74002	2	2,13,14,18,25,27,28,35, 47/02
62250	4	34,38/02	63053	4	12*,14/02	71265	3	46*,49/02	74003	5	2,22,25,28,47/02
62270	4	37,41/02	63054	3	19*,31/02	71271	10	23,25,30,34,52/02	74004	2	12,13,18,35,37,39,47/02
62271	5	37,41/02	63055	2	5,14,29/02	71272	10	23,30,34/02	74005	2	9,13,18,19,31,34,35,46, 47,51/02
62285	2	26/02	63060	7	5,12,25,28,32/02	71273	2	14/02	74006	2	26,31/02
62290	3	2,11,26,37,41/02	63062	7	5,18,28,29/02	71275	3	12,23,35/02;2/03	74007	1	36/02
62292	2	24/02	63063	9	5,27,29/02	71281	7	51/02	74008	6	9,15,51/02
62295	3	2/02	63065	6	18/02	71285	3	7,23,25,30,34,52/02	74009	10	3,9,20,22,25,38,49/02
62310	2	6,27/02	63070	3	20,27,28,29/02	71295	2	25,26,30,34,39,40,52/02	74010	10	17,20,22,26,37,40,49/02
62313	4	17*,27/02	63080	5	26,27,28,31,48/02	71305	2	9,14,31,34,36/02;2/03	74012	10	17,20,22,26,37,40,49/02
62330	2	14,38,40/02	63090	8	25,31/02	71313	8	45/02	74015	10	20,40/02
62340	3	38/02	63091	4	26,27,32,39,48,52/02	71315	2	14,27,31,34/02	74017	4	3,12,17,18,37,45/02
62360	5	18,38/02	63100	2	4,15,44/02	71320	1	35/02	74018	6	44/02
62361	2	N18,N38/02	63101	15	14,17,19/02	71330	13	35/02	74020	4	16,17,33,37,38,43/02
62366	3	38,40/02;2/03	63102	19	14,17,19,26/02	71340	11	18,19,22,40,46/02;2/03	74021	7	10,13,14,20,33,35,39, 44/02
62392	7	14*,18/02	63103	17	14,17,26,29/02	71348	3	18,35/02	74024	7	31,44/02
62393	7	34,37,50/02	63110	4	40/02	71350	8	15,18,20/02	74027	9	43,44/02
62394	10	34,37,50/02	63111	9	17,25,48/02	71400	5	11/02	74030	6	10,28,51/02
62395	2	34,50/02	63120	2	44,48,52/02	71401	1	40,46,51/02	74042	1	6/02
62400	17	23,24,33/02	63121	5	48/02	71402	1	18,40,46/02	74043	1	6/02
62401	9	11/02	63150	1	14,15,25,31/02	71410	1	11,39/02	74044	2	10,28,51/02
62402	9	2,5,6,15,17,20,49/02	63200	5	52/02	71420	1	38,39/02	74045	2	28/02
62406	2	8,24,33/02	63201	9	40/02	71430	2	18,41/02	74071	4	12/02

SECTION I

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

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.
74153	2	4,14,36,44/02;2/03	74492	7	6,16/02	76071	9	4,23,35/02	91309	4	13/02
74162	4	10,36,46,47/02	74493	3	6,16,38,43,45/02	76080	8	3/02;1/03	91331	3	10,21/02
74171	4	33,36,47/02	74494	2	41/02	76081	7	9,12/02	91340	3	11,19,21/02
74172	5	2,36,47/02	74510	2	14,16,17,33,35,37/02	76083	3	1/03	91360	2	11/02
74181	8	2,11,13,23,28,33,35,37, 38,39,47/02	74515	4	10,13,14,20,28,33,35, 39/02	76090	6	2,9/02	91400	2	10/02
74182	12	3,5,11,13,23,24,25,26,28, 33,35,37,38,39,41,42,44, 51/02	74517	3	10,13,18,20,21,39,41/02	76120	6	6,22,23,25/02	92006	5	45,46/02
74183	11	11,38,39,42/02	74521	3	28,41/02	76121	8	4,9/02	92010	3	19/02
74184	10	10,13,23,24,28,33,35,37, 38,46,48/02	74527	2	28/02	76140	7	2,46/02	92020	2	19/02
74186	7	11,18,34/02	74530	2	28,44/02	76141	8	4,14,19,46/02	92025	3	10,11,13,21/02
74190	7	2,13,22,23,26,35,36,37, 46/02;1/03	74535	2	31,42,44,48/02	76142	1	46/02	92030	4	7,10,11,19,21/02
74191	11	19,22,24,26,35,46,48/02; 1/03	74545	3	28,48/02	76146	1	2,8/02	92033	5	45/02
74192	3	5,24,26,28,35,46/02;1/03	74555	3	10,34,43,44,48,51/02	76147	1	2/02	92060	3	21/02
74200	8	5,14,18,21,27,28,37, 46/02;1/03	74560	10	14,23,28,32,40,43,46,48, 50/02	76150	6	35/02	92061	3	21/02
74201	9	27/02	74581	9	9,13,20,26,32,34,36,40, 41,43,45/02	76161	10	9,40/02	92110	3	13/02
74202	3	14,16,21,24/02;1/03	74590	2	10,28,51/02	76170	7	29/02	92115	1	13,15/02
74204	5	13,14,21,24,27,37/02; 1/03	74591	7	10,40/02	76171	10	9/02	92120	3	5/02
74205	2	16,24,25/02	74595	2	28/02	76180	1	2,4,6,18,22,23/02	92200	3	10,19/02
74206	2	8,24,34/02	75000	6	47/02	81002	6	18/02	92210	3	18*,19/02
74210	7	12,25/02	75001	3	9,23,47/02	81023	5	18/02	92214	4	3,19/02
74220	8	6,11,13,17,23,25,26,35, 47,51/02	75010	7	16,18,41,42,50/02	81048	8	14/02	92216	3	23/02*
74221	2	11,13,35,51/02	75025	9	14,22,23,36,39/02;2/03	81054	12	14,29/02	92242	2	3/02
74229	2	5,6,11,17,22,23,33,37,43, 47/02	75035	18	10,21,24,36,39/02;2/03	81063	5	2/02	92290	2	7,11/02
74230	7	11,13,28,39,42/02	75051	6	13,16/02	81067	5	51/02	92293	2	7,11/02
74231	7	5,6,19,23,35/02	75052	2	13,16/02	81076	9	51/02	92310	4	5,11,13/02
74232	9	2,9,15/02	75110	2	50/02	81092	3	38*,50/02	92320	4	7,10/02
74234	1	2/02	75120	2	16,42/02	81711	6	23/02	92380	3	7,10,11/02
74240	8	4,9,15,34,39,42/02	75130	16	7,16,18,21,27,31,34,41, 50,51/02	81715	4	23/02	92385	4	7,10/02
74245	8	4,15,17,23,25,26,31,32, 34,37,42,44,46,51/02	75131	7	18,20,28/02	82015	13	22/02	92410	3	10,11,14/02
74251	8	4,15,17,23,25,26,31,32, 34,37,42,44,46,51/02	75134	3	7,23,27,33,51/02	82020	7	22/02	92420	4	11/02
74252	9	19,47/02	75142	5	4,8,15,21,28,36,42,50/02	82030	8	12,18/02	92450	3	7,21/02
74253	6	4,11,15,17,19,23,25,27, 32,47/02	75143	4	4,12,15,20,28,32,33,36, 38,42,50/02	82210	2	42,48/02	92460	1	11/02
74261	9	15,25,41,49/02	75144	3	20,31,33,36,42,51/02	82242	1	35,48,50/02	92470	3	19,21/02
74265	2	4,11,15,17,18,19,25,31, 38,41,43,47,49/02	75150	5	13,16,50/02	82244	5	35,42,48/02	92560	4	45/02
74270	3	9,18,19,26,31,38/02	75150	6	6,22,23,24/02	82253	7	35,48,50/02	93006	2	21,39,45/02
74271	9	9,19,28,38,46/02	75151	12	38,39/02	82374	9	22/02	93010	6	15,17,22,27,38,40,41/02; 2/03
74272	7	26,32/02	75171	22	5,8,10,12,14,17,18,22,27, 31,32,33,36,38,40,42,48, 52/02;1/03	82377	2	22/02	93018	8	9,27/02;1/03
74273	5	18,19,31,38,41,43/02	75172	5	39/02	82580	2	19/02	93020	2	15,24,38/02
74283	2	46,49/02	75173	9	8,10,12,14,17,20,25,31, 32,33,36/02;1/03	82646	2	19,33/02	93022	4	6,18/02
74285	2	31,34,35,45/02;1/03	75175	9	5,16,18,31,33,38,40,45, 50/02	82649	5	3,18,20,33/02	93025	5	45/02
74286	2	15,22,24/02	75176	9	5,7,14,17,27,42,50/02	82683	4	6,18,33/02	93030	6	6,18,45/02
74287	2	27,34,38,52/02	75177	7	5,12,18,27,38,48,50, 52/02	82684	3	3,12,18,33,38/02	93032	3	45/02
74289	5	13,18,26/02	75178	2	3/02	82689	3	5,6,18,38/02	93043	1	45/02
74290	11	13,25,34,39,45,46,48,49, 51/02;1/03	75185	2	22,47/02	82690	10	6,18,19,20/02	93046	1	9,45/02
74292	8	13,27,34,38/02	75190	2	11,23,47/02	82694	6	38/02	93047	2	45,49/02
74293	7	25,34,45,48/02	75191	6	3,22,25,37,38,43,47/02	82697	6	38,46/02	93048	1	35,49/02
74294	3	25,34,45/02	75193	6	22,49/02;1/03	83020	8	7/02	93049	1	45/02
74295	3	18,22/02	75207	2	36,52/02	83021	1	25,27,43/02	93061	4	45/02
74296	4	27,34,38,49/02	75208	2	14,26,50/02	83023	4	25,27,43/02	93101	2	N24,N34,N38/02;N2/03
74310	2	9/02	75209	2	36,52/02	83026	32	18,41/02	93110	2	22,24,38,40,41/02;1,2/03
74320	3	35/02	75213	2	36,52/02	83032	1	18/02	93113	2	19/02
74330	3	15/02	75215	2	36,39,40,52/02	83034	1	12/02	93115	2	40,41/02
74340	3	15,27/02	75220	12	10,14,36,39,49/02	83039	11	9,12,41/02	93117	2	19,40,41/02
74350	4	25/02	75222	8	18,22,35,40/02	83251	2	2/03	93160	4	15*,27,34/02;1/03
74376	5	43/02	75240	4	14,36,39,32/02;03	83253	2	18/02	93180	7	27,34/02
74380	4	2,3,9,22,32/02	75241	6	34,36/02	83382	9	20,25,27/02	93200	4	9,26,27/02
74391	3	15/02	75251	5	23,33,48/02	83383	19	20,25,27/02	93220	6	17,27,34/02
74392	7	16,22,25,39/02	75261	6	13,17,21,23,24,33,36, 48/02	83392	5	31/02	93240	11	17,34/02
74393	9	12,16,18,19,25,28,31,38, 41,50/02	75262	6	12,38/02	83393	2	N31/02	93243	6	42/02
74394	2	3,12,18,19,28,31,41,49, 50/02	75263	9	17,32/02	83397	6	8,18/02;1/03	93247	4	26/02
74410	3	16,20,25,38/02	75264	17	16,17,19,33,34,37,41,42, 44,45/02;2/03	91025	8	7,10,21,22/02	93260	8	27,31/02
74415	1	39/02	75265	2	13,17,20,21,24/02	91030	3	7,10,11,21/02	93261	5	31/02
74420	3	45/02	76015	1	3,4,18,23,24,29,35,40/02	91040	1	10,11/02	93360	5	38/02
74430	2	49/02	76020	7	8,18/02	91080	4	11,21/02	93385	6	6,18/02
74440	3	32,39/02;2/03	76030	9	9,12,24,49/02	91096	1	21/02	93404	6	6/02
74450	3	21,22,26,49/02;2/03	76041	2	2/02	91170	2	38,41,44/02	93420	4	18/02
74455	3	9,19,21,23,48/02;1/03	76050	8	24,49/02	91240	5	7,10/02	93440	4	18/02
74460	4	21,22,26,37,40,46,49/02	76052	8	8,12,15,21/02	91280	7	19,22/02	93460	7	6/02
74465	2	9/02	76054	5	9,49/02	91286	10	13,20/02	93520	13	45/02
74475	2	44/02	76060	7	40/02	91289	19	13,19,20/02	93720	10	39,45,50/02
74480	2	44/02	76061	3	40/02	91294	8	10,14/02	93721	5	5,8,9,20,22,26,32,39,42, 45/02
74485	3	16,43/02	76070	9	4,9,12,23,35/02	91297	9	10,14/02	93733	13	5,6,17,21,22,26,32,39,
74491	4	6/02				91300	3	10,21,22/02	93734	11	6,17,22,26,32,45/02

SECTION I

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

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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.
93736	22	5,6,8,11,16,22,26,32, 41/02	95120	7	6,13,17,20,21,42,43, 52/02;1/03	96640	5	6/02	97206	2	10,12/02
93778	8	14,47/02	95138	8	45,46,48,49,50,52/02	96645	1	26/02	97207	3	11/02
94004	6	2,12,14,19,29,30,33,37, 44,52/02	95140	15	7,8,10,14,15,18,22,38,40, 41,44,48,49,52/02;1/03	96760	4	5,7,29,35,45/02	97218	3	10,21,41/02
94016	2	12,23,33,35,52/02	95141	8	7,14,45,47,50,52/02;1/03	96762	3	29/02	97219	4	10,12,21,25,31/02
94028	7	7,8,9,13,14,23,25,40,42, 52/02;1/03	95142	9	15*,18,19,50,52/02	96763	7	29,43,48/02	97220	3	2,7,8,21,24,31,37,39,42, 43,44/02
94040	13	30,37,47,51/02	95143	11	4,15,18,40,45,47,48,49, 50/02;1/03	96764	2	5,19/02	97221	20	2,7,8,10,11,21,24,31,37, 39,42,44,45,49,52/02
94042	9	47,51/02	95144	9	8,10,19,38,41,46,48,50, 52/02;1/03	96780	4	4,11/02	97222	12	11,25,28,47/02
94060	10	2,5,27,29,30,33,37,46, 47/02	95144	9	8,10,19,38,41,46,48,50, 52/02;1/03	96800	4	19*,41/02	97223	3	8,42,44,48/02
94061	5	2,5,19,33,35,47/02	95146	14	7,10,19,36,38,39,40,41, 44,46,47,48,50,52/02;	96820	4	6/02	97224	6	11,18,25,27,46,47,49/02
94063	4	29,33,41/02	95146	14	1/03	96860	3	6/02	97225	31	2,7,8,11,21,24,37,39,42, 44,45/02
94067	10	33/02	95147	13	7,39,41,44,45,46,47,48, 49/02;1/03	96880	6	6,7,8/02	97226	7	17/02
94080	7	14,15,27,29,30,33,44, 48/02	95149	9	15,18,22,34,36,37,38,41, 43,48,49,52/02	96881	2	7/02	97227	11	21,24,42,43/02
94082	8	5,13,14,25,27,30,44/02	95151	17	13,15,18,34,36,37,38,40, 47,50/02;1/03	96882	4	7,8/02	97228	15	2,21,28,30,39,40,42, 43/02
94083	12	5,13,17,25,44/02	95152	5	37,38/02	96883	9	7/02	97229	12	2,7,8,18,24,27,31,36,39, 47/02
94084	1	5,6,13,23,25/02	95153	2	15,22,34,36,37,38,43/02	96900	4	5,7/02	97230	18	2,29,36,52/02
94120	6	12,19,21,33,38,48,52/02	95160	13	4,7,8,9,15,27,41,42,47, 52/02;1/03	96901	3	5,7,19,27/02	97231	11	10,21,41/02
94122	7	19,30,40/02	95161	16	4,27,31,40,45,48,50/02; 1/03	96902	2	5,7,45/02	97232	8	4,15,20,25/02
94123	9	12,21,33,38,42,44,52/02	95162	2	2,20,40,44,47/02	96904	2	5,27,41/02	97233	11	31,33,43,44,49/02;1/03
94124	13	38,42,44/02	95163	2	27/02;1/03	96906	2	27/02	97234	17	29,43,47,49/02;1/03
94127	2	21,33,38/02	95164	4	43,48,49,52/02	96910	1	6,7,8/02	97236	20	31,47/02
94160	7	2,26,27,33,38,44,46,47, 50,51,52/02	95165	10	44/02;1/03	96937	2	40/02	97239	10	31,33/02;1/03
94164	2	2,26,27,46,50,51/02	95166	2	4,44,50,52/02	96938	4	9/02	97243	8	21,28,29,31,33,48/02; 1/03
94165	4	14,20,26,50/02	95167	10	44/02;1/03	96941	8	47/02	97245	11	7,17,28,36/02;1/03
94180	9	26,32,42,44,47,50,51/02	95169	2	4,44,50,52/02	96943	15	44/02;1/03	97246	7	43,52/02
94184	2	N51/02	95171	1	1/03	96944	6	45,52/02	97261	15	10,17,18,41/02;1/03
94187	3	32/02	95172	1	1/03	96945	3	43,52/02	97262	10	21,29,34/02;1/03
94188	2	44,46,47,51/02	95173	1	15,16,17,50,52/02;1/03	96949	21	45/02	97266	5	10,17,37,41/02;1/03
94201	1	51/02	95174	1	17,50,52/02	96950	3	9/02	97267	16	17,18,25,29,40,41/02; 1/03
94203	10	22,26,41,42,44,46,47, 52/02	95176	2	16,20,31/02	96952	2	17,23/02	97269	11	20,45/02
94206	3	22,26,41,42,44,47,52/02	95177	1	18,41,50/02	97000	8	9,46/02	97270	6	36,44/02;1/03
94207	5	N52,N42,N44,N47, N52/02	95180	11	9,15,17,18,27,40,42,44, 49/02;1/03	97001	3	52/02	97271	12	17,18,25,29,37,39/02
94208	6	N44/02	95185	2	20,31,40,44,49/02	97002	12	8,9,27,44/02	97272	11	19,52/02
94216	6	27,45/02	95250	4	12,44/02;1/03	97004	2	8,9/02	97273	10	19,27,34,42,45,49/02
94217	4	30/02	95255	2	44/02;1/03	97005	5	9/02	97274	19	19,27,31,34,39,45/02
94218	3	30,36/02	95261	7	48/02;1/03	97006	5	24,46/02	97276	1	27,29,40/02
94219	1	47/02	95262	13	41,46/02;1/03	97008	3	9,24/02	97277	11	10,17,27,02;1/03
94220	4	22,26,41,42,47,49/02	95264	8	6,48/02	97100	4	20,28,42,47/02	97278	11	39/02;1/03
94260	5	49/02;1/03	95267	5	11,17/02	97101	1	28/02	97279	9	27/02
94280	5	51/02	95268	16	39,48/02	97104	4	8,10,20/02	97280	4	52/02
94282	9	46/02	95270	4	8,48/02	97105	3	8,10,20/02	97281	2	41/02
94283	7	46/02;2/03	95271	4	44,48/02	97106	6	2,15,22,28,31,37,40,42, 43/02	97283	3	45/02
94290	2	1/03	95273	2	48/02	97140	17	2,10,15,22,33,37,39,43, 45/02	97285	6	10,19,23,27,31,34,42/02
94360	6	18,32,43/02	95274	3	48/02	97141	5	13*,19,21,40,46/02	97287	5	11,34/02
94361	13	18,32/02	95276	3	21/02*	97143	11	2,21,31,43,45/02	97300	6	12/02;1/03
94363	4	32,43/02	95280	9	2,17,48/02	97144	14	44*,46/02	97303	3	18,25,47,48/02
94420	3	5,39/02	95282	7	46,52/02	97145	1	2,15,22,43/02	97320	6	33/02
94421	10	15,45/02	95300	5	2,16,45,48,52/02	97146	10	44/02*	97340	8	27,33,38,52/02
94423	12	19,45/02	95320	15	8,35,38/02	97148	9	21*,23,45/02	97341	9	2,27,34/02
94427	2	N32/02	95341	8	8,10,11,18,19,42,47/02; 1/03	97149	20	25,34,35,44,45/02;1/03	97342	14	27,38/02
94440	2	46/02	95342	16	30/02	97150	13	34,39,43,44/02	97343	12	27,38/02
95016	8	9,12,40/02	95600	5	6,8/02	97151	16	31,35,44,45/02	97360	6	20,23,27,38/02
95040	8	4,40/02	96004	14	16,17,44,45/02	97152	8	37/02	97380	7	21,39,47,52/02;1,2/03
95060	13	4,10,14,15,16,40,43,44, 47,48,52/02;1/03	96012	16	7,8,11/02	97153	7	31/02	97381	7	27/02
95065	5	4,14,48/02	96016	7	11,12/02	97154	2	36/02	97382	2	41,45/02
95066	11	4,10,13,14,15,16,18,19, 20,41,43,44,47,48,49, 50/02;1/03	96020	4	6,7,41/02	97155	14	2,20,31,35,36,37,39,40, 48/02	97383	16	31/02
95067	13	18,41,44,46/02;1/03	96024	3	6,7,8/02	97156	6	2,21,37/02;1/03	97384	4	47/02
95068	1	41,42,45,47/02	96032	3	38/02	97157	1	35,37/02	97385	10	31,52/02
95080	13	8,10,13,16,18,25,27,30, 33,40,44,45,50,52/02; 1/03	96041	11	16,17,30/02	97159	6	33,39/02	97389	1	39/02
95085	4	15,45,52/02;1/03	96042	11	16/02	97163	14	23/02	97390	5	7,31,39,40/02;2/03
95086	5	15,45,52/02;1/03	96043	8	16/02	97166	1	33/02	97391	26	31/02
95087	3	4,19,21,25,33,40,48/02; 1/03	96200	5	8,9/02	97167	2	23,33/02	97392	5	21/02;1/03
95100	12	7,8,9,10,13,14,15,16,18, 38,39,43,44,45,46,47,50, 52/02;1/03	96240	4	8,11/02	97168	6	8,9,11,22,31,34,39,43,45, 46,48/02	97396	14	7,18,21,36,39,40/02;2/03
95101	8	8,13,14,15,39,44,50/02; 1/03	96300	4	11,12/02	97181	20	8,9,11,18,22,25,31,34,46, 48/02;1/03	97397	7	3,8,18,25,39,49/02
95102	8	8,10,13,38,42,45,46,47, 48,50,52/02;1/03	96320	4	12/02	97182	13	11,18,21,23,31,34,39,46, 48/02	97398	3	21,25,49/02
95103	8	8,13,39,43,44,45,47,52/02	96340	4	12/02	97183	9	25,44/02	97400	3	25,26/02;1/03
95104	1	41/02	96441	1	41/02	97184	15	25,28,47/02;1/03	97410	8	11,21/02
95105	8	8,13,14,15,39,44,50/02; 1/03	96480	3	6,7,8,41/02	97185	2	43/02;1/03	97412	7	40/02
95106	9	8,10,13,16,18,25,27,30, 33,40,44,45,47,50,52/02; 1/03	96500	6	6,8,41/02	97186	15	43,44,52/02	97420	17	8,9,21,34,39,42,47,52/02; 1/03
95107	8	8,13,39,43,44,45,47,52/02	96521	3	N19/02*	97204	9	2,10,28,29,45,52/02	97446	2	5,25,46/02;1/03

SECTION I

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

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.			
97469	10	7,26/02;1/03			
97471	5	N7,N31/02			
97472	8	6,7,34/02			
97473	7	5/02			
97474	7	21/02			
97480	7	12,21,35,52/02			
97481	6	10,47,49/02			
97483	7	48,52/02			
97521	6	19,42/02			
800669	8	N20/02			
800744	1	N22,N49/02			
801217	1	N5,N6,N7,N21/02			
801885	3	N28/02			
801959	2	N10/02			
802202	8	N14,N23,N31,N35/02; N1/03			
802260	5	N20/02			
803404	2	N26/02			
804037	1	N28/02			
804059	2	N20/02			
804567	4	N17/02			
805647	2	N37,N51/02			
807861	2	N27/02			
808528	1	N25/02			
809310	9	N13,N18,N39/02			
809679	2	N25,N50/02			

SECTION II

NM 2/03

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								
11ACO11330 (7642014010098)	Mermentau River to Freeport (LORAN-C) (New edition due to changes in hydrography and numerous Notice to Mariners corrections)	250,000	<u>14</u>	<u>11/02</u>	NOS	1-94	2/03	
11ACO11340 (7642014010103)	Mississippi River to Galveston (LORAN-C) (New edition due to changes in hydrography and numerous Notice to Mariners corrections)	458,596	<u>67</u>	<u>11/02</u>	NOS	1-94	2/03	
11XHA11372 (7642014010234)	Dog Keys Pass to Waveland (Not Shown on index) (New edition due to numerous Notice to Mariners corrections)	40,000	<u>30</u>	<u>11/02</u>	NOS	1-94	2/03	
11XHA11427 (7642014010237)	Fort Myers to Charlotte Harbor and Wiggins Pass (Not shown on index) (New edition due to numerous Notice to Mariners corrections)	40,000	<u>33</u>	<u>10/02</u>	NOS	1-94	2/03	
12BHA12286 (7642014010349)	Piney Point to Lower Cedar Point (New edition due to various general changes)	40,000	<u>29</u>	<u>11/02</u>	NOS	1-95	2/03	
12XHA12316 (7642014010368)	Little Egg Harbor to Cape May Continuation: Mullica River Inset: Atlantic City (Not shown on index) (New edition due to numerous Notice to Mariners corrections)	40,000 20,000	<u>29</u>	<u>11/02</u>	NOS	1-95	2/03	
12XHA12324 (7642014010374)	Sandy Hook to Little Egg Harbor Insets: Shark River Manasquan Inlet Bay Head Harbor Tomes River (Not shown on index) (New edition due to numerous Notice to Mariners corrections)	40,000 20,000 20,000 20,000 40,000	<u>30</u>	<u>11/02</u>	NOS	1-95	2/03	
13ACO13230 (7642014010405)	Buzzards Bay Inset: Quicks Hole (Inset not shown on index) (New edition due to various general changes)	40,000 20,000	<u>46</u>	<u>11/02</u>	NOS	1-95	2/03	
13AHA13295 (7642014010429)	Kennebec and Sheepscot River Entrances (New edition due to various general changes)	15,000	<u>11</u>	<u>10/02</u>	NOS	1-95	2/03	
14XHA14813 (7642014010650)	Oswego Harbor (New edition due to numerous Notice to Mariners corrections)	10,000	<u>21</u>	<u>11/02</u>	NOS	1-96	2/03	
17BHA17315 (7642014011396)	Gastineau Channel and Taku Inlet Inset: Juneau Harbor (New edition due to various general changes)	40,000 10,000	<u>23</u>	<u>11/02</u>	NOS	1-97	2/03	
18ACO18400 (7642014011490)	Strait of Georgia and Strait of Juan De Fuca (New edition due to changes in traffic routing systems)	200,000	<u>43</u>	<u>12/02</u>	NOS	1-98	2/03	
18BCO18421 (7642014011544)	Strait of Juan de Fuca to Strait of Georgia (LORAN-C) Inset: Drayton Harbor (New edition due to changes in traffic routing systems)	80,000 30,000	<u>45</u>	<u>12/02</u>	NOS	1-98	2/03	
18BHA18431 (7642014011562)	Rosario Strait to Cherry Point (New edition due to changes in traffic routing systems)	25,000	<u>6</u>	<u>12/02</u>	NOS	1-98	2/03	

SECTION II

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				
18BHA18433 (7642014011565)	Haro Strait-Middle Bank to Stuart Island (New edition due to changes in traffic routing systems)	25,000	<u>5</u>	<u>12/02</u>	NOS	1-98	2/03	
18ACO18460 (7642014011494)	Strait of Juan de Fuca Strait (LORAN-C) (New edition due to changes in traffic routing systems)	100,000	<u>11</u>	<u>12/02</u>	NOS	1-98	2/03	
18ACO18465 (7642014011491)	Strait of Juan de Fuca-Eastern Part (LORAN-C) (New edition due to changes in traffic routing systems)	80,000	<u>35</u>	<u>12/02</u>	NOS	1-98	2/03	
18ACO18480 (7642014011492)	Approaches to Strait of Juan de Fuca (LORAN-C) Inset: Quillayute River Entrance (New edition due to changes in traffic routing systems)	176,253	<u>29</u>	<u>12/02</u>	NOS	1-98	2/03	
18ACO18485 (7642014011496)	Cape Flattery (New edition due to changes in traffic routing systems)	40,000	<u>15</u>	<u>12/02</u>	NOS	1-98	2/03	
18BHA18647 (7642014011586)	Drakes Bay (New edition due to various general changes)	40,000	<u>15</u>	<u>9/02</u>	NOS	1-98	2/03	
MISCELLANEOUS CHARTS AND PUBLICATIONS								
MINLS1116A (7642014007887)	Mississippi River to Galveston (LORAN-C) (New edition due to changes in hydrography and numerous Notice to Mariners corrections)	458,596		<u>2002</u>	NOS	10-25	2/03	
NOSPBCP5 (7642014008453)	<u>No. 5 Gulf of Mexico, Puerto Rico, and Virgin Islands, 2003</u>				NOS	10-25	2/03	

Price Categories effective 1 October 2002

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

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

NAVIGATION PUBLICATIONS

SAILING DIRECTIONS CORRECTIONS

PUB 132 9 Ed 2000 LAST NM 26/02

Page 32—Line 30/L; read:

Carmel and is marked by a lighted buoy. The wreck is identified as R. SMG. SCIRE, an Italian submarine sunk during World War II, and is designated a war memorial containing the interred remains of Italian sailors. Underwater activity should be avoided in the vicinity of this wreck.

(NTM 045/2002)

2/03

PUB 191 9 Ed 2000 LAST NM 50/02

Page 74—Line 49/R; read:

may best be seen on the chart.

Diving without prior permission is prohibited within an area, with a radius of 0.5 mile, centered on a wreck, with a depth of 31m, lying about 4.9 miles NNE of the W end of Digue Centrale, the N breakwater.

(Fr NM 37/01)

2/03

Page 101—Lines 17 to 57/R; read:

Many wrecks sunk during the two World Wars lie in the Dover Strait, the S part of the North Sea, and in the Thames Estuary. Although the least depths over most wrecks critical to navigation have been established by wire sweeping, new wrecks, formerly unknown, have been found during recent surveys. Consequently, it must be assumed that other unknown wrecks also lie within the traffic lanes.

In addition, wrecks previously covered by sandbanks may be uncovered. Strong tidal currents may also cause deep scouring into which wrecks may capsize. Generally, this results in an increase of depth over the wreck. However, a decrease in the depth over the wreck can result from the same cause.

Numerous submarine cables cross the Dover Strait and may best be seen on the charts.

The shipping lanes in the Dover Strait and the S part of the North Sea are among the busiest in the world and pose serious problems for the safety of navigation. The existence of the TSS schemes within these waters does not imply that the traffic lanes have been adequately surveyed and the existence of sandwave areas, where depths may be less than charted, should be taken into account by deep-draft vessels.

Within the Dover Strait and adjacent waters, one of the greatest risks to navigation is that of collision, especially in poor visibility. In addition to vessels transiting the TSS traffic lanes and inshore traffic zones, there are concentrations of fishing boats and recreational craft during the summer months, and regular cross-channel ferry traffic including ro-ro vessels, jet foils, hovercraft, and high-speed catamarans.

Cross-channel ferries and other vessels in the inshore traffic zones may alter course near the limits of the traffic lanes in order to cross the latter at right angles.

The main ferry ports of the United Kingdom are Folkestone (51°05'N., 1°12'E.), Dover (51°07'N., 1°20'E.),

and Ramsgate (51°20'N., 1°25'E.). Ferries from these ports run mainly to Calais (50°58'N., 1°51'E.), Dunkerque (51°03'N., 2°21'E.), and Oostende (51°14'N., 2°55'E.). Most of the cross traffic is therefore concentrated in the area between Sandettie and The Ridge, 20 miles SW.

Cross-channel traffic also runs from ports in the Thames Estuary and Harwich (51°57'N., 1°18'E.) to Zeebrugge (51°20'N., 3°12'E.) and Vlissingen (51°27'N., 3°35'E.). This cross traffic tends to concentrate in the vicinity of the F3 Lightvessel (51°24'N., 2°01'E.) and the area between the N end of Sandettie and the Fairy W lighted buoy, 6 miles NNE.

It has been reported that rogue vessels traversing the TSS may be encountered, especially in the area between the MPC lighted buoy (51°06'N., 1°38'E.) and the F2 lighted buoy (51°21'N., 1°56'E.). Such vessels often proceed in a direction which is nearly opposite to that of the TSS traffic lane. Frequently this leads to nearly head-on situations in the area to the NW of Sandettie where the possibility for deep-draft vessels to alter course to starboard is limited.

All vessels should be aware that deep-draft vessels may not be able to alter course in critical areas without the danger of running aground. A good lookout should be kept for vessels constrained by their draft and showing the appropriate signals.

Vessels coming from the English Channel and bound for the Thames Estuary and the E coast of England usually cross the SW-bound traffic lane in the stretch between the S end of South Falls and the Varne Lightvessel.

Due to the set caused by cross currents, vessels frequently drift down onto buoys. Subsequently, considerable damage is often done by vessels to the South Falls lighted buoy (51°14'N., 1°44'E.), the CS4 lighted buoy (51°09'N., 1°34'E.), and the CS3 lighted buoy (50°52'N., 1°03'E.).

Vessels using the Deep Draft Route leading NW of Sandettie should take into account the close proximity of vessels using the SW-bound traffic lane. Such vessels are recommended to avoid overtaking in the vicinity of Sandettie.

Vessels are advised to navigate with extreme caution in the area between Sandettie and the Fairy W lighted buoy as the Deep Draft Route and the main traffic lane rejoin here.

Vessels should be aware that their speed may need to be reduced in certain areas in order to reduce the effect of squat. In addition, rolling and pitching should also be taken into account.

Squat (shallow water effect) may decrease the forward draft on vessels of 200,000 to 400,000 dwt, as follows:

1. At a speed of 5 knots:
 - a. Keel clearance 2m—Increase of 0.20m.
 - b. Keel clearance 6m—Increase of 0.17m.
 - c. Keel clearance 10m—Increase of 0.15m.
2. At a speed of 9 knots:
 - a. Keel clearance 2m—Increase of 0.66m.
 - b. Keel clearance 6m—Increase of 0.56m.
 - c. Keel clearance 10m—Increase of 0.49m.
3. At a speed of 14 knots:
 - a. Keel clearance 2m—Increase of 1.74m.
 - b. Keel clearance 6m—Increase of 1.45m.

PUB 191 (Continued)

- c. Keel clearance 10m—Increase of 1.25m.

Rolling may increase a vessel's draft, as follows:

1. With a beam of 45m:
 - a. Rolling 3°—Increase of 1.2m.
 - b. Rolling 6°—Increase of 2.4m.
 - c. Rolling 10°—Increase of 3.9m.
2. With a beam of 60m:
 - a. Rolling 3°—Increase of 1.6m.
 - b. Rolling 6°—Increase of 3.1m.
 - c. Rolling 10°—Increase of 5.2m.
3. With a beam of 75m:
 - a. Rolling 3°—Increase of 2.0m.
 - b. Rolling 6°—Increase of 3.9m.
 - c. Rolling 10°—Increase of 6.5m.

Pitching may increase a vessel's draft, as follows:

1. With a length of 260m:
 - a. Pitching 0.5°—Increase of 1.1m.
 - b. Pitching 1.0°—Increase of 2.3m.
 - c. Pitching 1.5°—Increase of 3.4m.
2. With a length of 350m:
 - a. Pitching 0.5°—Increase of 1.5m.
 - b. Pitching 1.0°—Increase of 3.1m.
 - c. Pitching 1.5°—Increase of 4.6m.
3. With a length of 450m:
 - a. Pitching 0.5°—Increase of 2.0m.
 - b. Pitching 1.0°—Increase of 3.9m.
 - c. Pitching 1.5°—Increase of 5.9m.

(BA NP 28; Neth HP 8)

1°10.9'W.) and the inner limit of the port authority jurisdiction.

Vessels moving along a quay without letting go from that quay are exempt from pilotage.

Pilots may be contacted by VHF and generally board in the following positions:

1. Tees and Hartlepool North—54° 42.80'N, 1° 05.05'W
2. Tees and Hartlepool South—54° 40.94'N, 1° 04.60'W

(BA NP 286)

2/03

PUB 195 7 Ed 2002**LAST NM 1/03**

Page 17—Line 23/R; read:
activities.

Due to various circumstances, including the discovery of obstructions, depths within the channels leading through the offshore dangers along this stretch of coast may change frequently. Therefore, vessels are advised to contact the local authorities in order to ascertain the latest information, including the maximum authorized drafts.

(NIMA)

2/03

Page 61—Line 10/R; read:
bed activities.

Due to various circumstances, including the discovery of obstructions, depths within the channels leading through the offshore dangers along this stretch of coast may change frequently. Therefore, vessels are advised to contact the local authorities in order to ascertain the latest information, including the maximum authorized drafts.

(NIMA)

2/03

PUB 192**7 Ed 2000****LAST NM 52/02**

Page 29—Lines 16 to 26/L; read:

Pilotage.—Pilotage in the approaches to Hartlepool is provided by the Tees and Hartlepool Pilotage Service (Tees Bay Pilots); see paragraph 2.14.

(BA NP 286)

2/03

Page 30—Lines 33 to 48/R; read:

Pilotage.—Pilotage is provided by the Tees and Hartlepool Pilotage Service (Tees Bay Pilots) within the following two compulsory areas:

1. The Tees approach channel and river inward of Tees North Lighted Buoy (54°40.4'N 1°07.2'W.).
2. The Hartlepool approach channel and dock inward of No. 1 Lighted Buoy (54°41.3'N 1°10.7'W.).

Pilotage is compulsory within the two areas for vessels, as follows:

1. Vessels over 95m in length.
2. Vessels with a summer dwt over 4,000 tons.
3. Vessels with a grt over 4,000 tons.
4. Vessels over 20m in length carrying a dangerous substance, oil, or a marine pollutant in bulk.
5. Vessels over 20m in length carrying explosives (class 1.1) in excess of 1,000 kg.
6. Vessels requiring the services of a tug.
7. Vessels over 80m in length in the navigable area of the Tees between No. 23 Lighted Buoy (54°35.6'N.,

Page 83—Line 41/R; read:

carrying out any seabed activities.

Due to various circumstances, including the discovery of obstructions, depths within the channels leading through the offshore dangers along this stretch of coast may change frequently. Therefore, vessels are advised to contact the local authorities in order to ascertain the latest information, including the maximum authorized drafts.

(NIMA)

2/03

Page 97—Line 45/R; read:

when anchoring or carrying out any seabed activities.

Due to various circumstances, including the discovery of obstructions, depths within the channels leading through the offshore dangers along this stretch of coast may change frequently. Therefore, vessels are advised to contact the local authorities in order to ascertain the latest information, including the maximum authorized drafts.

(NIMA)

2/03

Page 109—Line 4/R; read:

seabed activities.

Due to various circumstances, including the discovery of obstructions, depths within the channels leading through the offshore dangers along this stretch of coast may change frequently. Therefore, vessels are advised to contact the local

SECTION II

NM 2/03

PUB 195 (Continued)

authorities in order to ascertain the latest information, including the maximum authorized drafts.

(NIMA)

2/03

Page 121—Lines 39 to 46/R; read:

Caution.—The area has not been thoroughly surveyed. Off-lying dangers may exist to seaward of those charted. Most of the coast is fringed by close-lying islands, islets, rocks, and shoals. The recommended routes leading to the ports and loading places are described and should be strictly followed. Vessels without local knowledge should proceed with caution when approaching this coast.

Due to various circumstances, including the discovery of obstructions, depths within the channels leading through the offshore dangers along this stretch of coast may change frequently. Therefore, vessels are advised to contact the local authorities in order to ascertain the latest information, including the maximum authorized drafts.

(NIMA)

2/03

COAST PILOT CORRECTIONS

COAST PILOT 5

30 Ed 2003 NEW EDITION

(NOS)

2/03

WORLD PORT INDEX CORRECTIONS

PUB 150

17 Ed 2000

LAST NM 49/02

EVEN PAGE CORRECTIONS

INDEX NUMBER	PORT	COUNTRY CODE	LATITUDE	LONGITUDE	PUBLICATION	CHART	HARBOR SIZE	HARBOR TYPE	SHELTER	TIDE	SWELL	ICE	OTHER	OVERHEAD LIMITS	CHANNEL	ANCHORAGE	CARGO PIER	OIL TERMINAL	TIDE	MAX SIZE VESSEL	GOOD HOLDING GROUND	TURNING AREA
24130 RAA																						
24365 STILLERYDSHAMNEN																						
24368 KOLOHAMNEN																						
24440 RONNEBY		SW	5611N	01518E	194	44100	S	RN	G	N	N	N	Y	M	M	N	M	Y				
*					*																	
25100 SKEPPSGARDEN																						
25110 VALDEMARSVIK																						
25120 GRYT																						
25140 GROPVIKEN																						
25180 ARKOSUND																						
25220 MARMORBRUKET																						
25400 HOGMARSO																						
25410 FURUSUND																						

SECTION II

NM 2/03

PUB 150 (Continued)

SECTION II

NM 2/03

PUB 150 (Continued)

38530 SALOU	<i>Remove from list.</i>	*	2/03
38740 AGDE	<i>Remove from list.</i>	*	2/03
38760 LE GRAU DU ROI	<i>Remove from list.</i>	*	2/03
38770 PORT SAINT LOUIS DU RHONE *	FR 4323N 00449E 131 53063 S CT F N N N Y N M M		2/03
38910 ANSE DES CANEBIERS	<i>Remove from list.</i>	*	2/03
38920 SAINT-TROPEZ *	FR 4316N 00638E 131 53089 V CB F Y N H N Y		2/03
38930 STE MAXIME	<i>Remove from list.</i>	*	2/03
38940 SAINT-RAPHAEL *	FR 4325N 00646E 131 53091 V CB F Y J P Y		2/03
38950 AGAY	<i>Remove from list.</i>	*	2/03
38970 GOLFE JUAN	<i>Remove from list.</i>	*	2/03
39050 MACINAGGIO	<i>Remove from list.</i>	*	2/03
39150 PALAU	<i>Remove from list.</i>	*	2/03
39265 BOSA	<i>Remove from list.</i>	*	2/03
39350 BORDIGHERA	<i>Remove from list.</i>	*	2/03
39390 ALASSIO	<i>Remove from list.</i>	*	2/03
39510 LE GRAZIE	<i>Remove from list.</i>	*	2/03
39530 LERICI	<i>Remove from list.</i>	*	2/03
39540 SENO DI CADIMARE	<i>Remove from list.</i>	*	2/03
39570 FORTE DEI MARNI	<i>Remove from list.</i>	*	2/03
39630 CAVO	<i>Remove from list.</i>	*	2/03
39640 CAPO PERO	<i>Remove from list.</i>	*	2/03
39680 PORTO AZZURRO	<i>Remove from list.</i>	*	2/03
39710 MARINA DI CAMPO	<i>Remove from list.</i>	*	2/03
39750 FOLLONICA	<i>Remove from list.</i>	*	2/03

SECTION II

NM 2/03

PUB 150 (Continued)

39850 TERRACINA	<i>Remove from list.</i> *	2/03
39870 FORMIA	<i>Remove from list.</i> *	2/03
39890 FORIO	<i>Remove from list.</i> *	2/03
39910 PROCIDA	<i>Remove from list.</i> *	2/03
39970 PORTICI	<i>Remove from list.</i> *	2/03
40010 SORRENTO	<i>Remove from list.</i> *	2/03
40045 AGROPOLI	<i>Remove from list.</i> *	2/03
40050 SAPRI	<i>Remove from list.</i> *	2/03
40140 CASTELLAMMARE DEL GOLFO	<i>Remove from list.</i> *	2/03
40330 VALLETTA HARBORS *	MT 3554N 01431E 131 53206 M CN E N N N Y G N K K 01 L Y Y	2/03
40450 SAN ANGELO DI ROSSANO *	IT 3937N 01638E 131 54060 V OR N A	2/03
40460 TREBISACCHE MARINA *	IT 3952N 01632E 131 54060 V OR N J	2/03
40560 BISCEGLIE	<i>Remove from list.</i> *	2/03
40570 TRANI	<i>Remove from list.</i> *	2/03
40770 PORTO FALCONERA	<i>Remove from list.</i> *	2/03
40835 AQUILINIA	<i>Remove from list.</i> *	2/03
40875 PORTOROZ	<i>Remove from list.</i> *	2/03
40925 FUNTANA	<i>Remove from list.</i> *	2/03
40930 VRSAR	<i>Remove from list.</i> *	2/03
40960 LUKA PULA *	HR 4453N 01348E 131 54160 S CN G Y J M M 02	2/03
45370 HOUMT SOUK *	TS 3353N 01051E 131 52164 V OR N Y P N	2/03
45380 LA SKHIRA *	TS 3417N 01006E 131 52165 V CB F Y N N Y E E G 03 L Y	2/03
45420 LA GOULETTE *	TS 3648N 01018E 131 52186 S CB F N N N Y L K L L L Y	2/03
45435 TAZERKA OIL TERMINAL *	TS 3636N 01141E 131 52180 M OR P A A L	2/03

SECTION II

NM 2/03

45450 RAS SIDI ABD ALLAH

Remove from list.

*

2/03

45635 BETTIOUA

*

AG 3548N 00015W 131 52262 S CB F

Y

A H

M Y

2/03

45760 ALCAZAR ZEGUER

Remove from list.

*

2/03

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
*367	<i>University of Maine Research Lighted Buoy K</i>	42 31 05 N 70 33 56 W	Fl Y 4s	4	Yellow.		Marked ODAS. 2/03
412	<i>Deer Island Outfall Prohibited Anchorage Lighted Buoy A</i>						Remove from list. 2/03
414	<i>Deer Island Outfall Prohibited Anchorage Lighted Buoy D</i>						Remove from list. 2/03
3330	Saddleback Ledge Shoal Isolated Danger Buoy DSL Southwest of ledge.					Black and red with two spherical topmarks.	*
21160	<i>Twenty-Eight Foot Shoal Lighted Whistle Buoy TE</i>	41 09 18 N 72 30 24 W	Fl (2+1) R 6s	4	Red and green bands.	RACON: T (-).	 2/03
*21289	<i>The Little Cows Lighted Bell Buoy LC</i>	41 07 20 N 73 12 52 W	Fl G 4s	4	Green.		 2/03

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
435	- Lighted Buoy 5	36 50 51 N 75 49 35 W	Fl G 4s	5	Green.		 2/03
465	- Lighted Buoy 11	36 53 08 N 75 53 19 W	Fl G 2.5s	5	Green.		 2/03
515	Dam Neck Disposal Area Lighted Buoy A		Fl Y 2.5s	5	Yellow.	Position changed frequently for dredging.	 2/03
550	NOAA Data Lighted Buoy 44014 (ODAS)	36 34 31 N 74 50 12 W	Fl (4) Y 20s		Yellow disc-shaped hull.		 2/03
665 28895	Ocracoke Inlet Entrance Lighted Whistle Buoy OC		Mo (A) W	6	Red and white stripes with red spherical topmark.	Position frequently shifted with changing conditions.	 2/03
11050	- Daybeacon 2	36 52 56 N 76 28 54 W			TR on pile.		 2/03

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SECTION II

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
11055	- Daybeacon 3	36 52 42 N 76 28 56 W				SG on pile.	
		*					2/03
12675	- LIGHT 143		Fl G 4s	15	4	SG on pile.	
			*				2/03
12690	- LIGHT 147		Fl G 4s	15	4	SG on pile.	
			*				2/03
12760	- LIGHT 160		Q R	15	3	TR on pile.	
			*			*	2/03
13455	YORK SPIT LIGHT	37 12 37 N 76 15 15 W	Fl W 6s	30	8	NR on multi-pile structure.	
		*				*	2/03
13505	TUE MARSHES LIGHT	37 14 07 N 76 23 11 W	Fl W 6s	41	7	NG on platform.	
		*			*		2/03
Perrin River							
13510	- Junction Lighted Buoy PR	37 14 50 N 76 23 30 W	Fl (2+1) R 6s		4	Red and green bands.	
		*					2/03
13520	- ENTRANCE LIGHT 4		Fl R 4s	19	3	TR on multi-pile structure.	
			*			*	2/03
13535	- ENTRANCE LIGHT 8	37 15 41 N 76 25 14 W	Fl R 4s	19	3	TR on multi-pile structure.	
		*					2/03
13595	- ENTRANCE LIGHT 1	37 13 12 N 76 27 58 W	Fl G 4s	15	4	SG on pile.	
		*					2/03
Sarah Creek							
13710	- ENTRANCE LIGHT 2	37 14 46 N 76 29 10 W	Fl R 4s	15	3	TR on multi-pile structure.	Light equipment removed when endangered by ice.
		*				*	2/03
13730	- LIGHT 8		Fl R 4s	16	3	TR on multi-pile structure.	
			*			*	2/03

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SECTION II

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
YORKTOWN TO WEST POINT (Chart 12243)							
Upper York River							
13745	- LIGHT 2	37 15 49 N 76 31 13 W	Fl R 2.5s	16	4	TR on multi-pile structure.	
		*			*		*
13750	- LIGHT 3		Fl G 4s	15	4	SG on multi-pile structure.	
					*		*
13755	- LIGHT 4		Fl R 4s	16	4	TR on multi-pile structure.	
					*		*
13765	Timberneck Creek Daybeacon 2	37 17 19 N 76 32 29 W				TR on pile.	
		*					2/03
13775	- LIGHT 8		Fl R 4s	16	4	TR on multi-pile structure.	
					*		*
Queen Creek							
13780	- Entrance Daybeacon 1					SG on multi-pile structure.	
						*	2/03
13785	- ENTRANCE LIGHT 2QC	37 18 01 N 76 36 30 W	Fl R 2.5s	15	4	TR on multi-pile structure.	
		*			*		Light equipment removed when endangered by ice.
					*		2/03
Upper York River							
13870	Cedarbush Creek Daybeacon 2	37 18 39 N 76 33 49 W				TR on pile.	
		*					2/03
13875	PAGES ROCK LIGHT Off rock.	37 18 39 N 76 35 12 W	Fl W 6s	43	7	NB on skeleton tower.	
		*			*		2/03
Aberdeen Creek							
13885	- ENTRANCE LIGHT 2	37 20 05 N 76 36 02 W	Fl R 4s	15	3	TR on multi-pile structure.	
		*			*		2/03
Upper York River							
13915	- LIGHT 11		Fl G 2.5s	16	4	SG on multi-pile structure.	
					*		Light equipment removed when endangered by ice.
							2/03

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SECTION II

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
13920	- LIGHT 12		Fl R 4s	16	4	TR on multi-pile structure.	Light equipment removed when endangered by ice. *
							2/03
13925	- LIGHT 13		Fl G 4s	15	4	SG on multi-pile structure.	Light equipment removed when endangered by ice. * * *
							2/03
13930	- LIGHT 14		Fl R 2.5s	16	4	TR on multi-pile structure.	Light equipment removed when endangered by ice. *
							2/03
13935	- LIGHT 16		Fl R 4s	15	4	TR on pile.	Light equipment removed when endangered by ice. *
							2/03

MOBJACK BAY AND YORK RIVER ENTRANCE (Chart 12238)

Mobjack Bay

14050	- Channel Buoy 1MB	37 11 28 N 76 12 29 W				Green can. *	
							2/03
14057	- Channel Buoy MB	37 14 31 N 76 15 25 W				Red and white stripes. *	
							2/03
14075	NEW POINT COMFORT SPIT LIGHT 2		Fl R 2.5s	15	5	TR on pile.	Light equipment removed when endangered by ice. 2/03
14080	NEW POINT COMFORT SPIT LIGHT 4	37 17 42 N 76 17 11 W	Fl R 4s	15	6	TR on pile. *	
							2/03

Davis Creek

14125	- CHANNEL LIGHT 1	37 19 13 N 76 17 59 W	Fl G 4s	15	4	SG on pile. *	
							2/03
14130	- CHANNEL LIGHT 2		Fl R 4s	15	3	TR on multi-pile structure. *	
							2/03
14140	- CHANNEL LIGHT 6		Fl R 4s	15	3	TR on multi-pile structure. *	
							2/03
14153	PEPPER CREEK LIGHT 2P		Fl R 4s	15	5	TR on multi-pile structure. *	
							2/03

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SECTION II

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
Mobjack Bay							
14155	Pepper Creek Daybeacon 3	37 20 00 N 76 19 35 W				SG on pile.	
		*					2/03
East River							
14165	- ENTRANCE LIGHT 1 On south end of shoal.	37 21 18 N 76 21 11 W	Fl G 4s	15	4	SG on pile.	Light equipment removed when endangered by ice.
					*		2/03
14180	Mobjack Marina Channel Daybeacon 1	37 22 42 N 76 20 41 W				SG on pile.	
		*					2/03
14185	Mobjack Marina Channel Daybeacon 3	37 22 42 N 76 20 47 W				SG on pile.	
		*					2/03
Browns Bay							
14230	- LIGHT 1	37 18 08 N 76 22 57 W	Fl G 4s	16	4	SG on multi-pile structure.	Light equipment removed when endangered by ice.
		*			*		2/03
14240	- LIGHT 3		Fl G 4s	15	4	SG on pile.	Light equipment removed from Dec. 1 to Mar. 15.
				*			2/03
14245	- LIGHT 4		Fl R 4s	15	3	TR on pile.	
				*			2/03
Severn River							
14250	- JUNCTION LIGHT SR	37 20 15 N 76 23 41 W	Fl (2+1) R 6s	16	4	JR on multi-pile structure.	
		*			*		2/03
14265	- LIGHT 3		Fl G 4s	16	4	SG on multi-pile structure.	
				*			2/03
Ware River							
14310	- Daybeacon 1W	37 21 28 N 76 25 00 W				SG on pile.	
		*					2/03
14320	- LIGHT 3		Fl G 2.5s	15	4	SG on multi-pile structure.	
				*			2/03
14330	- LIGHT 6		Q R	16	4	TR on multi-pile structure.	
				*			2/03

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SECTION II

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
North River							
14360	- ENTRANCE LIGHT 1	37 22 08 N 76 23 34 W	Fl G 4s	16	5	SG on multi-pile structure.	
		*			*		2/03
14370	BLACKWATER CREEK LIGHT 2		Fl R 2.5s	15	3	TR on pile.	
			*				2/03
14390	- LIGHT 5		Fl G 4s	16	3	SG on slatted pile.	
					*		2/03

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
CHARLESTON HARBOR AND APPROACHES (Chart 11521)							
180	Rattlesnake Shoal Buoy 2	32 44 27 N 79 43 05 W				Red nun.	
		*					2/03
1790	- Buoy 8	33 31 52 N 79 02 07 W				Red nun.	
		*	*	*	*	*	
1795	- Buoy 7					Green can.	
		*					2/03
1795.5	- Buoy 9	33 31 59 N 79 02 03 W				Green can.	
		*					2/03
10675	LUMMUS ISLAND TURNING BASIN LIGHT A		Fl Y 2.5s	16	3	NY on pile.	
					*		2/03
10680	LUMMUS ISLAND TURNING BASIN LIGHT B		Fl Y 4s	16	4	NY on pile.	
			*				2/03
*10680.3	LUMMS ISLAND TURNING BASIN LIGHT C		Fl Y 6s	16	4	NY on pile.	
							2/03
10680.5	LUMMUS ISLAND TURNING BASIN LIGHT D	25 45 57 N 80 10 13 W	Q Y	16	3	NY on pile.	
		*					2/03
10680.7	LUMMUS ISLAND TURNING BASIN LIGHT E		Fl Y 4s	16	4	NY on pile.	
		*			*		2/03

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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
*21468	- Buoy 3					Green can.	
							2/03
27530	- Daybeacon 6					Remove from list.	
						*	2/03
27665	- Light 36		Fl R 2.5s			TR on pile.	Private aid.
		*	*			*	2/03

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
*333	Dog Key Pass Reef Lighted Buoy J	30 12 19 N 88 49 52 W	Fl Y 2.5s			Yellow.	Private aid.
							2/03
*425	CAT ISALND REEF LIGHT K	30 12 07 N 89 04 52 W	Fl Y 2.5s	7		NY on pile.	Private aid.
							2/03

Southern Natural Gas

Lacombe Bayou

9855	- ENTRANCE LIGHT 2	30 15 04 N 89 57 06 W	Fl R 4s	17	5	TR on dolphin.	
			*				2/03

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
82	NOAA Environmental Lighted Buoy 46047	32 25 27 N 119 31 29 W	Fl (4) Y 20s			Yellow disc-shaped buoy.	
			*				2/03
215	NOAA Environmental Lighted Buoy 46011 (ODAS)	34 52 56 N 120 52 27 W	Fl (4) Y 20s			Yellow boat-shaped buoy.	
			*				2/03
300 4085	SANTA CRUZ WEST BREAKWATER LIGHT	36 57 38 N 122 00 07 W	Oc G 4s	36	6	White cylindrical structure with red horizontal stripe.	HORN: 1 blast ev 30s (2s bl).
			*		*		2/03
16166	NEAH BAY MARINA BREAKWATER OBSTRUCTION LIGHT A	48 22 05 N 124 36 27 W	Fl Y 6s	20	4	NY on pole.	
			*	*			2/03

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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
16167	NEAH BAY MARINA BREAKWATER OBSTRUCTION LIGHT B	48 22 09 N 124 36 32 W	Fl Y 4s	20	4	NY on pole.	
		*	*				2/03
16168	NEAH BAY MARINA ENTRANCE LIGHT 1	48 22 10 N 124 36 46 W	Q G	20	3	SG on pole.	
		*	*				2/03

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SECTION II

CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
14928	-Isla de Aves (V.).	15° 40.5' N 63° 38.0' W	Fl.W. period 5s fl. 1s, ec. 4s	62 19	11	Metal structure.	
J 5700							
	-RACON		A(• -)		14		
	*	*					2/03

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
ILES TUAMOTU:							
-Iles Gambier							
2799.7	--Ile Aukena Range, front.	23° 08.4' S 134° 55.0' W	Iso.G. period 4s	20 6	6	White column; 20.	
K 5006.4		*		*	*		2/03
2799.71	--Rear, 940 meters 086°30' from front.	23° 08.4' S 134° 54.5' W	Iso.G. period 4s	59 18	6	White column, green base; 59.	
K 5006.41		*		*	*		2/03
2799.8	--Buoy "1", Banc Sainjon.					Remove from list.	
						*	2/03
2799.85	--Banc Brisant.	23° 08.5' S 134° 57.4' W	Fl.R. period 2.5s fl. 0.5s, ec. 2s	13 4	4	PORT (A) R, beacon, topmark; 36.	
K 5006.6		*		*			2/03
2799.9	--Pointe Kureru Range, front.	23° 06.1' S 134° 57.1' W	Fl.G. period 4s	20 6	6	White column, concrete base, white square daymark; 23.	
K 5006.7		*	*	*	*		2/03
2799.91	--Rear, 400 meters 005°10' from front.	23° 05.9' S 134° 57.1' W	Fl.G. period 4s	36 11	6	White column, concrete base, white square daymark; 39.	
K 5006.71		*	*	*	*		2/03
14493	Boca de Santo Domingo.	25° 30.0' N 112° 06.0' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	43 13	10	White round concrete tower, red bands; 33.	
G 3598.6		*		*	*		2/03
14496	Boca de Soledad.	25° 17.3' N 112° 07.2' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	30 9	8	White round metal tower, red bands; 20.	
G 3598.55		*		*	*		2/03

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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
14860 <i>G 3527</i>	Las Guasimas.	27° 49.0' N 110° 36.5' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	33 10	5	Truncated pyramidal metal tower; 23.	*
							2/03
14864 <i>G 3526.8</i>	Rio Yaqui.	27° 40.3' N 110° 35.3' 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	Truncated pyramidal metal tower; 52.	*
							2/03
14868 <i>G 3526</i>	Isla Lobos, NW. point.	27° 19.5' N 110° 34.0' W	Fl.W. period 6s fl. 1s, ec. 5s	82 25	10	White truncated pyramidal metal tower; 72.	
	RACON		K(- • -)		20		
					*		2/03
14870 <i>G 3526.6</i>	Bahia Lobos, N. mouth of bay.	27° 25.0' N 110° 34.0' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	36 11	9	Truncated pyramidal metal tower; 23.	*
							2/03
14876 <i>G 3524</i>	Santo Domingo.	27° 10.6' N 110° 18.0' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	30 9	9	Truncated pyramidal metal tower; 23.	*
							2/03
14880 <i>G 3523.2</i>	Boca del Cocoraquito, N. side.	27° 06.0' N 109° 58.0' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	46 14	9	Truncated pyramidal metal tower; 25.	*
							2/03
14885 <i>G 3522.5</i>	Punta Arboleda.	26° 47.0' N 109° 52.0' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	49 15	10	White truncated pyramidal metal tower; 39.	*
							2/03
14892 <i>G 3522</i>	-Santa Barbara.	26° 41.0' N 109° 41.0' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	43 13	9	Truncated pyramidal metal tower; 25.	*
							2/03
14896 <i>G 3520</i>	Bahia de Yavaros.	26° 42.0' N 109° 32.1' W	Fl.W. period 6s fl. 1s, ec. 5s	112 34	13	White round concrete tower, red bands; 39.	Visible 306°-067°.
					*	*	
							2/03

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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
14897 <i>G 3521</i>	-Puerto Yavaros Range, front.	26° 40.4' N 109° 29.8' W	Fl.W. period 3s fl. 1s, ec. 2s	33 10	9	White truncated pyramidal metal tower; 25.	*
							2/03
14899 <i>G 3521.3</i>	-Bajos de la Lobera.	26° 40.0' N 109° 30.0' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	36 11	10	Truncated pyramidal metal tower; 33.	*
							2/03
14901 <i>G 3521.4</i>	-No. "3".	26° 41.8' N 109° 30.4' W	Fl.W. period 3s fl. 1s, ec. 2s	26 8	5	White truncated pyramidal metal tower; 16.	*
							2/03
14904 <i>G 3519</i>	San Ignacio Farallon.	25° 26.2' N 109° 24.1' W	Fl.(2)W. period 10s fl. 1s, ec. 1.5s fl. 1s, ec. 6.5s	394 120	10	White truncated pyramidal metal tower; 39.	*
							2/03
TOPOLOBAMPO:							
14909 <i>G 3518.2</i>	-Las Animas Range, front.	25° 35.0' N 109° 07.0' W	Fl.W. period 3s fl. 1s, ec. 2s	98 30	12	White truncated pyramidal metal tower; 39.	*
		*			*		2/03
14910 <i>G 3518.21</i>	--Rear, 051° from front.	25° 36.2' N 109° 04.8' W	Iso.W. period 2s	328 100	12	Truncated pyramidal metal tower; 26.	*
					*	*	2/03
14912 <i>G 3518.5</i>	-Punta Copas Range, front.	25° 32.6' N 109° 06.9' W	Fl.W. period 3s fl. 1s, ec. 2s	43 13	10	White truncated pyramidal metal tower; 26.	*
					*		2/03
14916 <i>G 3518.51</i>	--Rear, 420 meters 232°30' from front.	25° 32.6' N 109° 06.9' W	Iso.W. period 2s	52 16	15	White truncated pyramidal metal tower; 46.	*
					*		2/03
14917 <i>G 3518.4</i>	-Punta Prieta Range, front.	25° 33.0' N 109° 05.0' W	Fl.W. period 3s fl. 1s, ec. 2s	20 6	8	White round concrete tower; 10.	*
					*		2/03
14918 <i>G 3518.41</i>	--Rear, 1.5 miles 093° from front.	25° 33.0' N 109° 04.0' W	Iso.W. period 2s	49 15	9	White pyramidal concrete tower; 10.	*
					*		2/03
14920 <i>G 3518</i>	Cerro Partido.	25° 32.0' N 109° 06.2' W	Fl.W. period 7s	312 95	22	White round concrete tower; 16.	*
		*			*		2/03

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 111, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
14921 <i>G 3518.6</i>	Punta Pinto.	25° 34.2' N 109° 04.5' W	Fl.R. period 3s fl. 0.5s, ec. 2.5s	26 8	6	White round concrete tower; 10.	
					*		2/03
14922 <i>G 3518.7</i>	San Carlos.	25° 35.0' N 109° 03.0' W	Iso.R. period 2s	33 10	6	White round concrete tower; 10.	
			*		*		2/03
14924 <i>G 3516</i>	Boca de Macepule.	25° 21.5' N 108° 45.0' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	56 17	10	White truncated pyramidal tower; 39.	
					*		2/03
14926 <i>G 3515</i>	Perihuete Range, front.	25° 11.5' N 108° 23.6' W	Fl.W. period 3s fl. 1s, ec. 2s	39 12	8	White truncated pyramidal metal tower; 23.	
		*	*	*	*	*	2/03
*14927 -Rear. <i>G 3514.5</i>		25° 11.5' N 108° 23.6' W	Iso.W. period 2s	75 23	8	White truncated pyramidal metal tower; 52.	
							2/03
14928 <i>G 3514.5</i>	La Reforma.	25° 08.0' N 108° 14.0' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	46 14	10	Truncated pyramidal aluminum tower; 43.	
					*		2/03
14932 <i>G 3514.4</i>	Punta Riscion.	25° 07.2' N 108° 20.5' W	Fl.W. period 6s fl. 1s, ec. 5s	46 14	10	White truncated pyramidal metal tower; 49.	
					*		2/03
14936 <i>G 3514</i>	Isla Altamura.	24° 48.0' N 108° 06.4' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	36 11	10	White truncated pyramidal metal tower; 26.	
					*		2/03

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2001 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
24184 <i>F 1925.8</i>	Tanjong Payong.	3° 44.5' N 113° 25.6' E	Fl.W. period 10s	75 23	16	White fiberglass beacon; 30.	
		*	*	*	*		2/03

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 113, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
14464 <i>E 3784</i>	Ormos Igoumenitsis, on Akra Kondramourt.	39° 29.9' N 20° 13.7' E	Fl.W. period 3s fl. 0.3s, ec. 2.7s	39 12	5 20.	Metal framework tower on hut;	Visible 083°-283°.
14468 <i>E 3784.2</i>	-Pier, head.	39° 30.0' N 20° 15.6' E	2 F.R. (vert.)	30 9	5	Metal column; 23.	1 meter apart. 2/03

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
*9070 <i>C 6468.5</i>	-Gronskar.	59° 16.7' N 19° 01.5' E	L.F.I.G. period 10s		4		2/03
11876 <i>C 5710.2</i>	-Island, W. point.	65° 31.6' N 23° 32.2' E	Q.W.R.	23 7	W. 5 R. 3	White pedestal, red base. Shown from July 10 to June 1.	W. 321°-215°, R.-321°. 2/03

KARLSBORG APPROACH:

11888 <i>C 5712.4</i>	-Halso Klippor Range, front.	65° 43.0' N 23° 27.0' E	Iso.W.R.G. period 3s	23 7	W. 8 R. 6 G. 5	White and red tower; 20.	G. 340°-005°, W.-007°, R.-060°, G.-113°, W.-118°, R.-131°30' G.-200°, W.-203°30', R.-340°. Shown from July 20 to May 25.
-RACON			G(--)		12		2/03
				*			
11892 <i>C 5712.41</i>	-Vippgrund, rear, about 3.3 kilometers 006° from front.	65° 45.0' N 23° 28.0' E	Q.W.	75 23	9	Skeleton tower, black and white square daymark.	Intensified on range line. Visible 248°-254°. Shown from July 20 to May 25.
--RACON			N(--)		15		2/03
				*	*		
11912 <i>C 5720</i>	-Kvarnoren Range, front.	65° 47.0' N 23° 19.0' E	Q.W.R.G.	24 7	W. 7 R. 5 G. 4	Post on white hut.	G. 305°-336°, W.-340°, R.-032°. Shown from July 20 to May 25.
				*			2/03

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

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 2/03

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								
Region 1	2002	1*;2/03	SDPUB145	2000	13*,14,18,19,22,26, 32,37,38,46,47,51, 53/00;1,4,5,7,10,12, 28,29,35,52/01;14, 27/02	COMDTM165022	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, 2/03
Region 2	2002	1/03*	SDPUB146	2000	26*,28,32,33,38,45, 46,48,51/00;2,5,10, 27,28,29,31,38/01; 15,29/02	COMDTM165023	2002	35*,36,37,40,41,42, 43,44,45,46,47,48, 49,50,51/02;1,2/03
Region 3	2002	1/03*	SDPUB147	2001	35/01*;21,22,23, 24/02	COMDTM165024	2002	30*,31,32,33,34,35, 36,37,40,41,42,43, 45,46,47,48,49,50, 51,52/02;1,2/03
Region 4	2002	1/03*	SDPUB148	2001	48/01*;23,24/02	SDPUB153	2000	6/01*;28,30,41,44, 46,47,48,52/02;1/03
Region 5	2002	1/03*	SDPUB154	2002	17*,19,31,42,44,45, 46,48,50/02	SDPUB155	2001	31*,48/01;10,45, 46/02
Region 6	2002	1/03*	SDPUB157	2000	20*,27,29,33,34,35, 38,41,44,48/00;1,3, 4,6,7,11,12,13,21, 23,32,47/01;2,5,9, 13,14,20,22,27, 38/02	SDPUB158	2000	50/00*;5,10,12,13, 15,17,20,24/01; 46/02
Region 7	2002	1/03*	SDPUB159	2002	42*,48/02	SDPUB160	2002	47*,48,49,52/02
Region 8	2002	1/03*	SDPUB161	2002	23*,24,44,47,48/02	SDPUB162	2001	51/01*
Region 9	2002	1/03*	SDPUB163	2002	18*,20,21,26,46, 51/02	SDPUB164	2000	30/00*;31,35,36/01
Miscellaneous Charts and Publications	2002	1*,2/03	SDPUB171	2001	40*,47,48,52/01;5,9, 14,16,41/02	SDPUB172	2001	1*,2,3,5,6,7,8,9,14, 15,16,17,18,19,20, 22,24/02;1/03
LLPUB110	2002	8*,12,13,14,15,16, 17,18,19,20,21,23, 24,26,27,29,30,31, 32,33,34,35,36,37, 38,39,40,41,42,43, 44,45,47,49,50/02;1, 2/03	SDPUB173	2002	50*,51/02	SDPUB174	2000	7*,19,37,45,51, 52/01;1,5,14,19,22, 28,33,37,38,48/02
LLPUB111	2002	35*,36,37,38,39,40, 41,42,43,44,45,46, 47,48,50,51,52/02;1, 2/03	SDPUB175	2001	41*,43,45,51/01;8, 11,12,13,14,16,17, 21,27,37,41,49/02	SDPUB176	2002	32*,33,42,47,48, 50/02
LLPUB112	2001	5*,7,8,9,10,11,12, 13,14,15,16,17,18, 19,20,21,22,23,24, 25,26,27,28,29,30, 31,32,33,34,35,36, 37,38,39,40,41,42, 43,44,45,46,47,48, 49,50,51,52/02;1, 2/03	SDPUB177	2001	38*,39/02	SDPUB178	2001	8*,10,12,41/02
LLPUB113	2002	45*,47,48,50,51, 52/02;1,2/03	SDPUB179	2000	27/01*;13,15,16/02	SDPUB180	2001	27/01*;13,15,16/02
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;1/03	SDPUB181	2002	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, 50/02/2/03	SDPUB182	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; 11,12,13,14,15,16, 22,23,27,36,37,42, 48,52/02/2/03
LLPUB115	2002	39*,40,41,44,45,50, 51,52/02;1/03	SDPUB183	2001	27*,38,49/00;9,26, 27,31,32/01;14,15, 26,52/02	SDPUB184	2000	50/00*;9,11,24,26, 29,32,34,35/01;11, 14,18,19,20,22,23, 24,25,26,27,29,30, 33/02
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, 2/03	SDPUB185	2002	33*,40,49,51,52/02; 1,2/03	SDPUB186	2002	38*,39,42/02
SAILING DIRECTIONS								
SDPUB120	2001	12*,18,48,49,51/01; 8,13,14,21,22,24,29, 33,35,37,42,43,44, 45,47/02	SDPUB187	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;2/03	SDPUB188	2001	1/03*
SDPUB123	2001	45*,47,48/01;1,14, 17,18,19/02	SDPUB189	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; 11,12,13,14,15,16, 22,23,27,36,37,42, 48,52/02/2/03	SDPUB190	2000	14*,16,17,18,19,23,33, 37,40,47,50,51/02
SDPUB124	2001	18*,44,45,47,48,49, 52/01;17,19,20,21, 29,30,31,34,46, 50/02	SDPUB191	2000	50/02/2/03	SDPUB192	2001	12*,20,23,33,37,45, 50,51/02
SDPUB125	2000	6*,9,10,20,21,40/00; 36,37,45,46/01;14, 17,33,35,38,40/02	SDPUB193	2000	27*,38,49/00;9,26, 27,31,32/01;14,15, 26,52/02	SDPUB194	2000	50/00*;9,11,24,26, 29,32,34,35/01;11, 14,18,19,20,22,23, 24,25,26,27,29,30, 33/02
SDPUB126	2002	39*,41,42,43,44,45, 48/02	SDPUB195	2002	33*,40,49,51,52/02; 1,2/03	SDPUB196	2002	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;2/03
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	SDPUB197	2000	27*,38,49/00;9,26, 27,31,32/01;14,15, 26,52/02	SDPUB198	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;2/03
SDPUB131	2000	13*,18,21,25,29,30, 33,37,51/00;4,15,19, 28,49,52/01;22,23, 24,25,26,27,32,33, 37,38,39,40,43, 44/02	SDPUB199	2000	33*,40,49,51,52/02; 1,2/03	SDPUB200	2002	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;2/03
SDPUB132	2000	39*,45/00;16,17,31, 35/01;1,12,21,25, 26/02;2/03	USCG LIGHT LIST VOLUMES I - VII			SDPUB201	2002	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;2/03
SDPUB140	2001	21*,48,49,51/01;8, 17,23,32,42,43,44, 46,47,48,50/02	COMDTM165021	2002	30*,31,32,33,34,35, 36,37,39,40,41,42, 43,44,45,46,47,48, 49,50,51,52/02;1, 2/03	SDPUB202	2001	4/02*
SDPUB141	2001	21*,38/01	SDPUB203	2002	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;2/03	SDPUB204	2001	51/01*
SDPUB142	2000	49/00*;3,31,35/01; 1,15,43/02	SDPUB205	2002	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;2/03	SDPUB206	2001	51/01*
SDPUB143	2000	8*,10,19,29/00;16, 26/01;1,25/02	SDPUB207	2002	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;2/03	SDPUB208	2001	51/01*
FLEET GUIDES								
FGPUB940ATL	2001	N47/01*	FGPUB941PAC	2001	N22/01*	SDPUB209	2002	51/01*
NOS MISCELLANEOUS PUBLICATIONS								
NOSPBCATALOG1	2000	20/00*	NOSPBCATALOG2	2000	34/00*	NOSPBCATALOG3	2000	28/00*
NOSPBCATALOG4	2000	34/00*	SDPUB210	2002	51/01*	SDPUB211	2002	34/00*
ALMANACS								
AIRALMANAC301	2003	44/02*	NAUTALMANAC03	2003	44/02*	SDPUB212	2002	51/01*
COAST PILOT								
NOSPBCP1	32	37*,39,41,47,51/01; 1,5,7,13,18,33,37, 39,42,45,49,51/02	NOSPBCP2	31	44*,47,51,52/01;5,7, 12,13,18,23,33,37, 39,42,45,48,51/02	NOSPBCP3	35	3*,5,7,12,15,17,18, 21,22,27,28,33,37, 42,45,49,51/02
NOSPBCP4	34	49*,51/02	NOSPBCP5	30	2/03*	NOSPBCP6	32	19*,20,21,33,39,45, 47,49,51/02
NOSPBCP7	34	1/03*	NOSPBCP8	24	3*,5,16,17,19,23,33, 37,40,47,50,51/02	NOSPBCP9	20	12*,20,23,33,37,45, 50,51/02
RADIO NAVIGATIONAL AIDS								
RAPUB117	2002	50/02*	SDPUB213	2002	50/00*	SDPUB214	2002	50/00*
AMERICAN PRACTICAL NAVIGATOR								
NVPUB9	2002	36/02*	SDPUB215	2002	50/00*	SDPUB216	2002	50/00*
INTERNATIONAL CODE OF SIGNALS								
NVPUB102	1999	46/99*,52/01	SDPUB217	2002	50/00*	SDPUB218	2002	50/00*
WORLD PORT INDEX								
NVPUB150	2000	50/00*;14,15,16,20, 21,41,42,43,44,45, 46,47,48,49,51, 52/01;1,2,5,6,10,11, 12,16,19,21,22,27, 31,32,33,36,39,40, 42,46,49/02;2/03	SDPUB219	2002	50/00*	SDPUB220	2002	50/00*
DISTANCES BETWEEN PORTS								
NVPUB151	2001	4/02*	SDPUB221	2002	50/00*	SDPUB222	2002	50/00*
RADAR NAVIGATION AND MANEUVERING BOARD MANUAL								
CDPUBNV1310	2001	51/01*	SDPUB223	2002	50/00*	SDPUB224	2002	50/00*

SECTION II

**PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 2/03**

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

NIMA Reference No.	Ed.	Notice to Mariners No.		
SIGHT REDUCTION TABLES (MARINE)				
SRPUB229V1	1970	11/71*		
SRPUB229V2	1970	11/71*		
SRPUB229V3	1970	7/71*		
SRPUB229V4	1970	3/71*		
SRPUB229V5	1970	3/71*		
SRPUB229V6	1970	23/70*		
SIGHT REDUCTION TABLES (AIR)				
SRPUB249V1	2000	4/01*		
SRPUB249V2	1952	46/52*		
SRPUB249V3	1952	46/52*		
CHART NO. 1				
WOBZC1	1997	18/98*		
CHART NO. 4				
WOBZC4	1988	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				
NOSPBTTCWPACIN2	2002	N52/01*		
NOSPBTTECSTNSA2	2002	N52/01*		
NOSPBTTEURAFR2	2002	N52/01*		
NOSPBTWCSTNSA2	2002	N52/01*		
TIDAL CURRENT TABLES				
NOSPBTCTATCSTN2	2002	N52/01*;N9/02		
NOSPBTCTPACAS2	2002	N52/01*		

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 261200Z December 2002:

2001 series	219(GEN)	365(14)	457(11)	487(11)	511(GEN)
393(GEN)	346(GEN)	367(GEN)	468(GEN)	508(11,26)	512(24)
2002 series	351(11)	383(11,26)	480(11)	509(GEN)	

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 191200Z to 261200Z December 2002.

486/02. CANCELED.

487/02(11). GULF OF MEXICO.

1. GEOPHYSICAL OPERATIONS 13 DEC THRU 15 MAR BY
M/V ZEPHYR 1 TOWING 8250 METER LONG CABLE IN
AREA BETWEEN 27-00N 29-38N AND 092-15W 093-50W.
FIVE MILE BERTH REQUESTED.
2. CANCEL NAVAREA IV 443/02, DTG 121542Z DEC,
MSG PROMULGATED IN ERROR.
3. CANCEL NAVAREA IV 486/02.
4. CANCEL THIS MSG 16 MAR 03.

(121624Z DEC 2002)

488/02 thru 507/02. CANCELED.

508/02(11,26). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS:
 - A. 0500Z TO 0459Z COMMENCING DAILY 23 THRU 29 DEC
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 23 THRU 29 DEC
IN AREA BETWEEN
29-20.0N 29-10.0N AND 079-50.0W 079-40.0W.
 - C. 271300Z TO 280459Z DEC IN AREA BETWEEN
29-40.0N 29-50.0N AND 080-40.0W 080-30.0W.
2. CANCEL THIS MSG 300559Z DEC.

(201643Z DEC 2002)

509/02(11,26).

1. NAVAREA IV MESSAGES IN FORCE 211000Z DEC 2002. ONLY THOSE
MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2002 SERIES: 457(11), 468(GEN), 480(11), 487(11), 493(11,26),
494(11,26), 508(11,26).
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 496/02.

(211010Z DEC 2002)

510/02. CANCELED.

511/02(11,26). GPS SATELLITE SYSTEM.

1. PRN 29 UNUSABLE.
2. CANCEL NAVAREA IV 510/02.

(250605Z DEC 2002)

512/02(11,26). FRENCH GUIANA.

1. ROCKET BOOSTER ADRIFT IN 05-40N 052-42W.
2. CANCEL THIS MSG 02 JAN 03.

(260320Z DEC 2002)

SECTION III

HYDROLANTS

Messages in force 261200Z December 2002:

2000 series	2864(53)	1485(24)	2550(GEN)	2750(24,57)	2819(37)
1569(36)	2916(37)	1895(23)	2554(35)	2755(57)	2824(24)
2353(36)	2948(36)	2027(GEN)	2567(36,37,51)	2763(55)	2825(52)
2937(38)	3161(44)	2105(53)	2588(24)	2764(55)	2828(53)
3762(43)	2002 series	2156(GEN)	2627(37)	2777(36,37,51,52)	2829(56)
4265(44)	11(54)	2171(57)	2633(54)	2779(57)	2831(37)
2001 series	134(37)	2203(51)	2654(24)	2789(51)	2834(24)
470(53)	245(GEN)	2294(53)	2673(GEN)	2794(57)	2835(24)
611(44)	246(GEN)	2307(24)	2681(52,53)	2799(54)	2836(37)
1116(36)	321(52)	2354(53)	2682(51)	2802(52)	2838(37)
1798(37)	349(54)	2421(54)	2705(52)	2803(52)	2840(GEN)
1885(44)	383(53)	2484(22)	2711(54)	2804(53)	2841(24)
2066(37)	946(53)	2489(53,54)	2730(37)	2806(55)	2842(55)
2659(GEN)	1065(53)	2493(54,56)	2733(52)	2808(24)	2843(24)
2700(37)	1066(37)	2511(52,53)	2737(35,36)	2813(22,23,29)	2844(38)
2706(37)	1290(53)	2526(51,57)	2739(53)	2814(GEN)	

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 191200Z to 261200Z December 2002.

2736/02. CANCELED.

2737/02(35,36). IRELAND-SOUTH COAST.

SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY
 M/V GEO SURVEYOR TOWING 1200 METER LONG CABLE WITHIN
 SEVEN MILES OF 51-10N 008-20W. WIDE BERTH REQUESTED.

(121644Z DEC 2002)

2738/02. CANCELED.

2739/02(53). TYRRHENIAN SEA.

1. PERSON MISSING FROM VESSEL BETWEEN CAGLIARI,
 ARBATAXO AND CIVITAVECCHIA. VESSELS IN
 VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
 ASSIST IF POSSIBLE. REPORTS TO
 MRCC ROME, PHONE: 390 6592 4145.
2. CANCEL HYDROLANT 2736/02.

(130625Z DEC 2002)

2740/02 thru 2749/02. CANCELED.

2750/02(24,57). SOUTH ATLANTIC.

1. OCEANOGRAPHIC OPERATIONS 17 DEC TO 03 JAN
 BY M/V LE SUROIT IN AREA BOUND BY
 00-00 023-00W, 10-00S 010-00W,
 06-00S 010-00W, 00-00 010-00W.
2. CANCEL THIS MSG 04 JAN 03.

(140935Z DEC 2002)

2751/02 thru 2754/02. CANCELED.

2755/02(57). GULF OF GUINEA.

1. UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE
 BY M/V SAIPEM 10000 VICINITY 05-45N 004-28E.
 ONE MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 2566/02.

(150840Z DEC 2002)

2756/02 thru 2762/02. CANCELED.

2763/02(55). BLACK SEA.

1. SEISMIC SURVEY IN PROGRESS UNTIL 31 DEC BY
 M/V AKADEMİK SHATSKIY TOWING 6000 METER LONG
 CABLE IN AREA BOUND BY 43-52.4N 038-00.6E,
 44-01.8N 038-08.3E, 43-55.2N 038-25.5E,
 43-53.8N 038-24.5E, 43-43.0N 038-52.0E,
 43-34.8N 038-46.0E. WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 2382/02.

SECTION III

3. CANCEL THIS MSG 01 JAN 03.

(161621Z DEC 2002)

2764/02(55). AZOVSKOYE MORE.

1. SEISMIC SURVEY IN PROGRESS UNTIL 31 DEC BY M/V ISKATEL 3
TOWING 4500 METER LONG CABLE IN AREA BOUND BY
46-05.4N 036-50.0E, 46-13.0N 036-50.0E,
46-16.1N 036-57.8E, 46-16.1N 037-15.8E,
46-05.4N 037-15.8E.

2. CANCEL THIS MSG 01 JAN 03.

(161818Z DEC 2002)

2765/02 thru 2776/02. CANCELED.

2777/02(36,37,51,52). SPAIN.

1. FROM 01 JAN UNTIL FURTHER NOTICE SINGLE-HULL OIL TANKERS (ALL FLAGS)
CARRYING HEAVY FUEL, TAR, ASPHALTIC BITUMEN OR HEAVY CRUDE OIL,
ARE FORBIDDEN ENTRY INTO SPANISH PORTS, TERMINALS OR MOORING AREAS.
UNTIL 01 JAN THE AFOREMENTIONED VESSELS SHOULD NOTIFY THE MARITIME
AUTHORITY 24 HOURS IN ADVANCE OF THEIR INTENTIONS TO ENTER PORT,
TERMINAL OR MOORING AREA, FOR THE MARITIME AUTHORITY
TO EXERCISE APPLICABLE CONTROL OR MONITORING.

2. CANCEL HYDROLANT 2759/02.

(171428Z DEC 2002)

2778/02. CANCELED.

2779/02(57). SOUTH ATLANTIC.

1. SEISMIC SURVEY 18 DEC THRU 15 JAN BY M/V CGG FOHN
TOWING SIX 3 MILE LONG CABLES IN AREA BETWEEN
07-10S 08-20S AND 011-15E 012-10E. WIDE BERTH REQUESTED.
3. CANCEL THIS MSG 16 JAN 03.

(172014Z DEC 2002)

2780/02 thru 2788/02. CANCELED.

2789/02(51). CANARY ISLANDS TO CAPE VERDE.

TEN METER S/V ANTLIA, WHITE HULL, ONE PERSON ON BOARD,
OVERDUE CANARY ISLANDS TO CAPE VERDE. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC GRIS NEZ, TELEX: 4213 4002,
PHONE: 333 2187 2187, FAX: 333 2187 7855.

(181358Z DEC 2002)

2790/02 thru 2793/02. CANCELED.

2794/02(57). GULF OF GUINEA.

FOR SECURITY REASONS, THE IVORY COAST AUTHORITIES
ADVISES THAT VESSELS, PARTICULARLY FISHING
VESSELS, OPERATE AT LEAST THREE MILES OFF THE
IVORY COAST.

(181858Z DEC 2002)

2795/02 thru 2798/02. CANCELED.

2799/02(54). ADRIATIC SEA.

DISTRESS RECEIVED FROM VESSEL IN 43-21N 015-08E AT
190240Z DEC. VESSELS IN VICINITY REQUESTED TO KEEP
A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC ROME, PHONE: 390 6592 4145.

(190502Z DEC 2002)

2800/02 and 2801/02. CANCELED.

2802/02(52). SICILIA-NORTHWEST COAST.

CHART 52180 (14TH ED).
SCOGLIO PORCELLI LIGHT 38-02.6N 012-26.4E UNLIT.

(191834Z DEC 2002)

2803/02(52). SICILIA-NORTHWEST COAST.

CHART 52180 (14TH ED).
SCOGLIO PALUMBO LIGHT 38-00.9N 012-29.2E UNLIT.

(191837Z DEC 2002)

2804/02(53). TYRRHENIAN SEA.
CHART 53181 (4TH ED).

SECTION III

NM 2/03

CAPO FARO LIGHT 38-34.8N 014-52.2E UNLIT.

(191843Z DEC 2002)

2805/02. CANCELED.

2806/02(55). BLACK SEA. GUNNERY.

1. GUNNERY EXERCISES 0930Z TO 1230Z DAILY 25 AND 26 DEC
IN AREA BOUND BY 44-43.8N 032-52.2E, 44-34.8N 032-37.4E,
44-38.8N 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 261330Z DEC.

(200018Z DEC 2002)

2807/02. CANCELED.

2808/02(24). BRAZIL-NORTH COAST.

CHART 24320 (4TH ED).

AM-1 LIGHTFLOAT 01-34.1N 049-01.4W TEMPORARILY REMOVED.

(200500Z DEC 2002)

2809/02 thru 2812/02. CANCELED.

2813/02(22,23,29). SOUTH ATLANTIC. ICE.

1. ICEBERGS REPORTED ON 20 DEC:

- A. A-38A, 22 MILES BY 48 MILES IN 63-18S 052-48W.
B. A-38B, 22 MILES BY 25 MILES IN 64-06S 055-00W.
C. A-38C, SEVEN MILES BY 11 MILES IN 60-24S 050-12W.
D. A-38D, TWO MILES BY TEN MILES IN 64-12S 055-42W.
E. A-43A, 14 MILES BY 35 MILES IN 58-18S 067-06W.
F. A-43B, 13 MILES BY 40 MILES IN 54-12S 039-06W.
G. A-43C, 24 MILES BY 41 MILES IN 59-30S 043-42W.
H. A-43G, NINE MILES BY 51 MILES IN 55-24S 034-24W.
I. A-43I, TWO MILES BY 12 MILES IN 59-06S 041-30W.
J. A-46, FOUR MILES BY 11 MILES IN 56-36S 037-30W.
K. A-47, NINE MILES BY 14 MILES IN 59-36S 052-54W.
L. A-48, NINE MILES BY TEN MILES IN 64-36S 056-30W.
M. A-50, TWO MILES BY 11 MILES IN 64-18S 056-06W.
N. B-09A, 15 MILES BY 22 MILES IN 55-42S 032-00W.

2. CANCEL THIS MSG 28 DEC.

(210217Z DEC 2002)

2814/02(GEN).

1. HYDROLANT MESSAGES IN FORCE 211100Z DEC 2002. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.

2002 SERIES: 2484(22), 2489(53,54), 2493(54,56), 2508(24),
2511(52,53), 2526(51,57), 2550(GEN), 2554(35), 2567(36,37,51),
2575(56), 2588(24), 2627(37), 2633(54), 2654(24), 2673(GEN),
2680(52), 2681(52,53), 2682(51), 2705(52), 2711(54), 2728(55),
2729(37), 2730(37), 2733(52), 2737(35,36), 2739(53), 2750(24,57),
2755(57), 2763(55), 2764(55), 2769(23), 2777(GEN), 2778(23),
2779(57), 2780(23), 2782(23), 2784(24), 2785(23), 2787(23),
2789(51), 2790(23), 2791(35,36), 2792(24), 2793(23), 2794(57),
2796(23), 2797(23), 2799(54), 2800(23), 2802(52), 2803(52),
2804(53), 2806(55), 2808(24), 2809(24), 2812(37), 2813(22,23,29).

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 1159/02, 2465/02, 2751/02, 2753/02.

(211110Z DEC 2002)

2815/02 thru 2818/02. CANCELED.

2819/02(37). FRANCE-NORTHWEST COAST.

CHART 37050 (9TH ED).

1. NORTHEAST BUOY 48-46N 005-11W UNLIT.
2. CANCEL HYDROLANT 2792/02(24).

(211320Z DEC 2002)

2820/02 thru 2823/02. CANCELED.

2824/02(24). BRAZIL-NORTH COAST.

DISTRESS SIGNAL RECEIVED ON 406 MHZ FROM M/V DAVID ADAMS
VICINITY 01-24.5N 049-28.5W. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO ANY COASTAL RADIO STATION.

(220522Z DEC 2002)

2825/02(52). ALGERIA.

CHART 52220 (7TH ED).

SECTION III

RAS AFIA LIGHT 36-49.1N 005-41.5E UNLIT.

(221452Z DEC 2002)

2826/02 and 2827/02. CANCELED.

2828/02(53). SARDEGNA-WEST COAST.

CHART 53110 (1ST ED).

ISOLOTTO DI MAL DI VENTRE LIGHT 39-59.5N 008-18.3E UNLIT.

(230950Z DEC 2002)

2829/02(56). EASTERN MEDITERRANEAN SEA. GUNNERY.

1. GUNNERY EXERCISES 0800Z TO 1500Z DAILY 24 THRU 26 DEC IN AREA BOUND BY 31-37.7N 034-01.8E, 31-50.7N 033-30.0E, 32-05.0N 033-38.0E, 31-52.0N 034-10.0E.

2. CANCEL THIS MSG 261600Z DEC.

(231120Z DEC 2002)

2830/02. CANCELED.

2831/02(37). DOVER STRAIT.

CHART 37120 (2ND ED).

BERGUES BUOY 51-17N 002-19E UNLIT.

(231852Z DEC 2002)

2832/02 and 2833/02. CANCELED.

2834/02(24). BRAZIL-SOUTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 270159Z DEC BY M/V VERITAS VIKING I TOWING 5400 METER LONG CABLE IN AREA BETWEEN 23-50S 24-30S AND 044-35W 043-50W. SIX MILE BERTH REQUESTED.

2. CANCEL THIS MSG 270259Z DEC.

(240950Z DEC 2002)

2835/02(24). BRAZIL-SOUTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 270159Z DEC BY M/V CGG ALIZE TOWING EIGHT 6000 METER LONG CABLES IN AREA BETWEEN 25-40S 26-50S AND 044-25W 045-15W. FIVE MILE BERTH REQUESTED.

2. CANCEL THIS MSG 270259Z DEC.

(240955Z DEC 2002)

2836/02(37). DOVER STRAIT.

CHART 37129 (6TH ED).

1. DANGEROUS WRECK IN 51-21.9N 002-12.7E MARKED BY:
 - A. EAST AND WEST CARDINAL BUOYS.
 - B. TWO SOUTH CARDINAL BUOYS, MOST EASTERLY WITH RACON.
2. UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE WITHIN 700 METERS OF WRECK. VESSELS REQUESTED TO PASS SOUTH OF BUOYS.
3. DANGEROUS WRECK MARKED BY BUOY IN 51-19.4N 002-13.7E.
4. CANCEL HYDROLANT 2812/02.

(241539Z DEC 2002)

2837/02. CANCELED.

2838/02(37). DOVER STRAIT.

CHART 37140 (33RD ED).

1. FAIRY WEST BUOY 51-23.9N 002-09.2E UNLIT.
2. CANCEL HYDROLANT 2837/02, AID RESTORED.

(241955Z DEC 2002)

2839/02. CANCELED.

2840/02(GEN). GPS SATELLITE SYSTEM.

1. PRN 29 UNUSABLE.

2. CANCEL HYDROLANT 2839/02.

(250610Z DEC 2002)

2841/02(24). BRAZIL-NORTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 27 DEC BY M/V RAMFORM EXPLORER TOWING EIGHT 6853 METER LONG CABLES IN AREA BOUND BY 00-17.5S 043-42.8W, 00-29.0S 043-32.0W, 00-51.7S 043-56.0W, 00-39.0S 044-06.8W. FIVE MILE BERTH REQUESTED.

SECTION III

NM 2/03

2. CANCEL THIS MSG 28 DEC.

(250750Z DEC 2002)

2842/02(55). BLACK SEA.

1. CABLE OPERATIONS 26 DEC UNTIL FURTHER NOTICE
BY CABLESHIP RAYMOND CROZE IN AREA BETWEEN
44-02N 43-52N AND 031-21E 031-32E.
TWO MILE BERTH REQUESTED.

2. CANCEL HYDROLANT 2728/02.

(251125Z DEC 2002)

2843/02(24). BRAZIL-EAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 28 DEC BY
M/V BULLDOG TOWING 15 METER LONG CABLE IN
AREA BOUND BY 11-09.4S 037-07.8W,
11-14.5S 037-00.1W, 11-15.3S 037-00.6W,
11-10.3S 037-07.8W. WIDE BERTH REQUESTED.

2. CANCEL THIS MSG 29 DEC.

(260810Z DEC 2002)

2844/02(38). NORTH ATLANTIC. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS 270001Z TO 272359Z DEC
IN AREA BETWEEN 68-00N 69-40N AND 018-10W 013-40W.

2. CANCEL THIS MSG 280059Z DEC.

(261020Z DEC 2002)

SECTION III**NAVAREA XII**

Messages in force 261200Z December 2002:

2001 series 298(GEN)	2002 series 178(GEN)	260(GEN) 270(GEN)	333(19) 339(GEN)	360(GEN) 361(18)	363(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 191200Z to 261200Z December 2002.

350/02 thru 359/02. CANCELED.

360/02(GEN).

1. NAVAREA XII MESSAGES IN FORCE 211000Z DEC 2002. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2002 SERIES: 333(19), 339(GEN), 349(18), 358(19).
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 351/02.

(211020Z DEC 2002)

361/02(18). EASTERN NORTH PACIFIC. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2359Z DAILY MONDAY THRU SUNDAY IN THE NAVAL AIR WARFARE CENTER SEA RANGE. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1400Z TO 2359Z AND 0001Z TO 0200Z DAILY MONDAY THRU FRIDAY. THE SEA RANGE IS BOUND AS FOLLOWS:
 A. 34-02N 119-04W. M. THENCE THREE NAUTICAL MILES FROM AND PARALLEL
 B. 33-52N 119-06W. TO THE SHORELINE.
 C. 33-29N 119-07W. N. 34-24N 120-30W.
 D. 33-29N 118-37W. O. 34-08N 120-26W.
 E. 33-20N 118-37W. P. 34-08N 119-40W.
 F. 32-11N 120-16W. Q. 34-00N 119-40W.
 G. 31-54N 121-35W. R. 34-06N 119-13W.
 H. 35-09N 123-39W. S. 34-06N 119-11W.
 I. 35-29N 123-00W. T. 34-07N 119-10W.
 J. 35-04N 122-43W. U. 34-07N 119-07W.
 K. 35-57N 121-32W. V. 34-04N 119-04W.
 L. 34-59N 120-42W.
2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT PLEAD CONTROL ON 5081.5 KHZ (5080 KHZ) OR 3238.5 KHZ (3237 KHZ) SECONDARY OR 156.8 MHZ (CH 16) OR 127.55 MHZ BEFORE ENTERING THE ABOVE BOUNDARIES AND MAINTAIN CONTINUOUS GUARD WHILE WITHIN THE RANGE.
3. VESSELS INBOUND AND OUTBOUND FOR SOUTHERN CALIFORNIA PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS DURING THE SPECIFIC PERIODS, AS WELL AS ENHANCE THE VESSEL'S SAFETY WHEN PASSING THROUGH THE VICINITY OF THE SEA RANGE. IF THEY WILL TRANSIT VIA THE SANTA BARBARA CHANNEL AND WITHIN NINE MILES OFFSHORE VICINITY OF POINT MUGU OR CROSS THE AREA SOUTHWEST OF SAN NICOLAS ISLAND BETWEEN SUNSET AND SUNRISE.
4. CANCEL NAVAREA XII 349/02.

(211255Z DEC 2002)

362/02. CANCELED.

363/02(GEN). GPS SATELLITE SYSTEM.

1. PRN 29 UNUSABLE.
2. CANCEL NAVAREA XII 362/02.

(250620Z DEC 2002)

SECTION III

NM 2/03

HYDROPACS

Messages in force 261200Z December 2002:

2000 series	1147(92)	2138(96)	2218(94,95)	2317(81)	2383(75)
597(73)	1315(62)	2144(81)	2219(94,95)	2319(93)	2393(63)
1557(94)	1588(75)	2145(94,97)	2220(71)	2321(81)	2395(63)
2001 series	1661(GEN)	2146(81)	2223(81)	2325(22)	2399(22)
1556(71)	1757(GEN)	2148(74)	2224(22)	2330(62)	2400(22,23,29)
1636(96)	1765(71)	2153(94)	2226(81)	2339(63)	2401(GEN)
1647(GEN)	1843(22)	2154(81)	2227(94,95)	2343(62)	2402(22)
1976(62)	1893(74)	2155(81)	2228(95)	2347(76)	2404(72)
2062(61)	2040(63)	2156(72)	2229(74)	2349(92)	2406(94)
2002 series	2057(71,93)	2158(97)	2238(74)	2352(63)	2409(63)
146(62)	2084(97)	2159(92)	2242(95)	2356(81)	2410(22)
196(61)	2093(71,72)	2161(97)	2243(94,95)	2357(74)	2413(GEN)
205(GEN)	2099(91,92)	2162(76)	2255(61)	2363(75)	2415(GEN)
206(GEN)	2101(81)	2164(91)	2269(81)	2364(93)	2416(63)
207(93)	2111(62)	2178(29)	2274(61)	2371(22)	2417(63)
352(73)	2117(81)	2191(22)	2275(81)	2372(97)	2419(63)
403(72,73)	2120(97)	2193(61)	2277(GEN)	2374(63)	2421(75)
637(75)	2121(61)	2195(73,74,82)	2278(81)	2376(97)	2422(97)
753(62)	2125(91,92)	2196(81)	2285(94,97)	2378(94)	2426(22)
787(71)	2126(62)	2199(63)	2291(81)	2379(22)	2427(GEN)
828(62)	2128(81)	2201(97)	2294(81,97)	2380(81,97)	2428(74)
1078(72)	2134(81)	2216(94,95)	2298(63)	2381(75)	

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 191200Z to 261200Z December 2002.

2345/02 and 2346/02. CANCELED.

2347/02(76). SOUTH PACIFIC. NEW ZEALAND.

F/V SHARYN, WHITE HULL WITH BLUE TRIM, ONE PERSON ON BOARD,
OVERDUE TO NELSON. VESSELS IN VICINITY REQUESTED TO KEEP
A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO
MARITIME OPERATIONS NEW ZEALAND. INMARSAT-C: 4512 00067,
PHONE: 644 914 5663, FAX: 644 914 5520
OR TAUPO MARITIME RADIO.

(130010Z DEC 2002)

2348/02. CANCELED.

2349/02(92). PHILIPPINE SEA.

DISTRESS SIGNAL RECEIVED ON 121 MHZ IN 07-33.1N 127-53.5E.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO PAC RCC,
TELEX: 392401, PHONE: 808 531 1112, FAX: 808 541 2123.

(130325Z DEC 2002)

2350/02 and 2351/02. CANCELED.

2352/02(63). INDIA-SOUTHWEST COAST. ROCKETS.

1. HAZARDOUS OPERATIONS 1300Z TO 1530Z DAILY 18, 19,
25 AND 26 DEC WITHIN 75 MILES OF 08-31.9N 076-52.1E.
2. CANCEL THIS MSG 261630Z DEC.

(131427Z DEC 2002)

2353/02 thru 2355/02. CANCELED.

2356/02(81). NORTH PACIFIC.

F/V HAI AN NO.6 UNREPORTED EASTERN MARSHALL ISLANDS TO
MAJURO ATOLL (07-03N 171-30E). LAST KNOWN POSITION
09-21N 176-00E ON 08 DEC. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO RCC HONOLULU, TELEX: 392401,
PHONE: 808 541 2500, FAX: 808 541 2123.

(131648Z DEC 2002)

2357/02(74). AUSTRALIA-NORTHEAST COAST.

DISTRESS SIGNAL RECEIVED ON 121.5 MHZ VICINITY 16-29S 145-53E
AT 140125Z DEC. VESSELS IN VICINITY REQUESTED TO KEEP A

SECTION III

SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC AUSTRALIA,
TELEX: 7162025, PHONE: 612 6230 6811, FAX: 612 6230 6868.

(140450Z DEC 2002)

2358/02 thru 2362/02. CANCELED.

2363/02(75). AUSTRALIA-SOUTHEAST COAST.

SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY M/V POLAR DUKE
TOWING FOUR MILE LONG CABLE IN AREA BETWEEN 40-20S 41-40S AND
142-40E 144-20E.

(160201Z DEC 2002)

2364/02(93). SOUTH CHINA SEA.

DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 10-24.2N 107-15.3E.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST
IF POSSIBLE. REPORTS TO PAC RCC, TELEX: 392401, PHONE: 1 808 531 1112,
FAX: 1 808 541 2123.

(160251Z DEC 2002)

2365/02 thru 2370/02. CANCELED.

2371/02(22). SOUTH PACIFIC. TIERRA DEL FUEGO.

1. DISTRESS SIGNAL RECEIVED ON 406 MHZ FROM S/V OLE HOOP,
WHITE HULL, TWO PERSONS ON BOARD, VICINITY 54-54S 076-33W
AT 130316Z DEC. VESSELS IN VICINITY REQUESTED TO KEEP
A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC BREMEN,
TELEX: 41246466, PHONE: 494 2153 6870, FAX: 536 8714.
2. CANCEL HYDROFAC 2351/02.

(161539Z DEC 2002)

2372/02(97). NORTH PACIFIC.

MAN OVERBOARD FROM M/V BUM VICINITY OF TRACKLINE BETWEEN
29-35N 144-57E AT 151230Z DEC AND 30-30N 147-27E AT 160001Z DEC.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST
IF POSSIBLE. REPORTS TO JAPAN COAST GUARD.

(170037Z DEC 2002)

2373/02. CANCELED.

2374/02(63). INDIA-WEST COAST.

CHART 63111 (9TH ED).
DGPS STATION AT AGUADA LIGHT 15-29.5N 073-46.4E OFF AIR.

(171130Z DEC 2002)

2375/02. CANCELED.

2376/02(97). NORTH PACIFIC. JAPAN.

F/V NO. 18 SHINSEI-MARU, SIX PERSONS ON BOARD, OVERDUE
TO SHIOGAMA (38-19N 141-00E). LAST KNOWN POSITION 35-07N 145-45E
AT 162030Z DEC. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO JAPAN COAST GUARD.

(180400Z DEC 2002)

2377/02. CANCELED.

2378/02(94). PHILIPPINE SEA. GUNNERY.

1. GUNNERY EXERCISES 240001Z TO 241000Z DEC AND
0800Z TO 1300Z DAILY 23 AND 26 DEC IN AREA
BOUND BY 23-43N 122-05E, 23-00N 122-05E,
23-20N 122-38E, 23-43N 122-38E.
2. CANCEL HYDROFAC 2300/02.
3. CANCEL THIS MSG 261400Z DEC.

(180838Z DEC 2002)

2379/02(22). PERU-WEST COAST.

CHART 22130 (2ND ED).
DANGEROUS WRECK VICINITY 07-56S 079-25W.

(181434Z DEC 2002)

2380/02(81,97). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 121.5 MHZ VICINITY
24-03-54N 151-04-08E AT 181333Z DEC.
VESSELS IN VICINITY REQUESTED TO KEEP
A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO JAPAN COAST GUARD.

(181444Z DEC 2002)

SECTION III

NM 2/03

2381/02(75). AUSTRALIA-EAST COAST.
CHART 75261 (6TH ED).
SYDNEY DPGS STATION 33-59S 150-59E INOPERATIVE.

(181523Z DEC 2002)

2382/02. CANCELED.

2383/02(75). AUSTRALIA-SOUTH COAST.
CHART 75160 (6TH ED).
CAPE NORTHUMBERLAND LIGHT 38-03S 140-40E UNLIT.

(181744Z DEC 2002)

2384/02 thru 2392/02. CANCELED.

2393/02(63). INDIA-WEST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 31 DEC BY
M/V SAGAR SANDHANI TOWING TWO 6500 METER
LONG CABLES IN AREA BETWEEN
19-27N 18-57N AND 072-00E 072-26E.
WIDE BERTH REQUESTED.
2. CANCEL HYDROPAC 1971/02.
3. CANCEL THIS MSG 01 JAN 03.

(201058Z DEC 2002)

2394/02. CANCELED.

2395/02(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0130Z TO 1030Z DAILY 26 AND 27 DEC
WITHIN 70 MILES OF 15-50.5N 080-29.5E.
2. CANCEL HYDROPAC 2337/02(61).
3. CANCEL THIS MSG 271130Z DEC.

(201529Z DEC 2002)

2396/02 thru 2398/02. CANCELED.

2399/02(22). SOUTH PACIFIC. CHILE. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 1200Z TO 2100Z DAILY
26 THRU 28 DEC, 02 AND 03 JAN IN AREA BOUND BY
36-11-00S 073-38-42W, 36-11-00S 073-14-00W,
36-36-00S 073-14-00W, 36-36-00S 073-38-00W.
2. CANCEL THIS MSG 032200Z JAN 03.

(210002Z DEC 2002)

2400/02(22,23,29). SOUTH ATLANTIC. ICE.

1. ICEBERGS REPORTED ON 20 DEC:
 - A. A-38A, 22 MILES BY 48 MILES IN 63-18S 052-48W.
 - B. A-38B, 22 MILES BY 25 MILES IN 64-06S 055-00W.
 - C. A-38C, SEVEN MILES BY 11 MILES IN 60-24S 050-12W.
 - D. A-38D, TWO MILES BY TEN MILES IN 64-12S 055-42W.
 - E. A-43A, 14 MILES BY 35 MILES IN 58-18S 067-06W.
 - F. A-43B, 13 MILES BY 40 MILES IN 54-12S 039-06W.
 - G. A-43C, 24 MILES BY 41 MILES IN 59-30S 043-42W.
 - H. A-43G, NINE MILES BY 51 MILES IN 55-24S 034-24W.
 - I. A-43I, TWO MILES BY 12 MILES IN 59-06S 041-30W.
 - J. A-46, FOUR MILES BY 11 MILES IN 56-36S 037-30W.
 - K. A-47, NINE MILES BY 14 MILES IN 59-36S 052-54W.
 - L. A-48, NINE MILES BY TEN MILES IN 64-36S 056-30W.
 - M. A-50, TWO MILES BY 11 MILES IN 64-18S 056-06W.
 - N. B-09A, 15 MILES BY 22 MILES IN 55-42S 032-00W.
2. CANCEL THIS MSG 28 DEC.

(210225Z DEC 2002)

2401/02(GEN).

1. HYDROPAC MESSAGES IN FORCE 211100Z DEC 2002, ONLY THOSE
MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2002 SERIES: 2084(97), 2093(71,72), 2099(91,92), 2101(81),
2111(62), 2117(81), 2120(97), 2121(61), 2125(91,92), 2126(62),
2128(81), 2134(81), 2138(96), 2144(81), 2145(94,97), 2146(81),
2148(74), 2153(94), 2154(81), 2155(81), 2156(72), 2158(97),
2159(92), 2161(97), 2162(76), 2164(91), 2178(29), 2191(22),
2193(61), 2195(73,74,82), 2196(81), 2199(63), 2201(97),
2216(94,95), 2218(94,95), 2219(94,95), 2220(71), 2223(81),
2224(22), 2226(81), 2227(94,95), 2228(95), 2229(74), 2234(63),
2238(74), 2242(95), 2243(94,95), 2255(61), 2269(81), 2274(61),
2275(81), 2277(GEN), 2278(81), 2285(94,97), 2291(81),
2294(81,97), 2298(63), 2302(22), 2309(63), 2310(97), 2317(81),
2319(93), 2321(81), 2325(22), 2330(62), 2336(63), 2339(63),
2343(62), 2347(76), 2349(92), 2352(63), 2354(63), 2356(81),
2357(74), 2363(75), 2364(93), 2368(93), 2369(63), 2371(22),
2372(97), 2374(63), 2376(97), 2378(94), 2379(22), 2380(81,97),

SECTION III

2381(75), 2383(75), 2393(63), 2395(63), 2396(63), 2397(63),
2399(22), 2400(22,23,29).

2. THE SUMMARY OF ALL HYDROPOAC 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 HYDROPOAC 2056/02, 2067/02, 2077/02, 2078/02, 2350/02,
2358/02, 2375/02.

(211120Z DEC 2002)

2402/02(22). PERU.
CHART 22170 (3RD ED).

1. CERRO AZUL LIGHT, FL (2) 10 SEC 18 METERS 9 MILES, ESTABLISHED IN 13-01-49S 076-29-23W.
2. CANCEL HYDROPOAC 1842/02.

(211340Z DEC 2002)

2403/02. CANCELED.

2404/02(72). MAKASSAR STRAIT.

SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY M/V ORIENT EXPLORER TOWING 4500 METER LONG CABLE IN AREA BETWEEN 00-10N 00-10S AND 117-30E 118-10E.

(211935Z DEC 2002)

2405/02. CANCELED.

2406/02(94). FORMOSA STRAIT.

DISTRESS SIGNAL RECEIVED ON 121.5 AND 243.0 MHZ IN 23-07.0N 119-46.3E AT 222249Z DEC. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO PAC RCC, TELEX: 392401, PHONE: 808 531 1112, FAX: 808 541 2123.

(230225Z DEC 2002)

2407/02 and 2408/02. CANCELED.

2409/02(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0330Z TO 0930Z DAILY 27 THRU 29 DEC WITHIN 135 MILES OF 21-22.1N 086-56.4E.
2. CANCEL HYDROPOAC 2234/02(63), AID RESTORED.
3. CANCEL THIS MSG 291030Z DEC.

(241110Z DEC 2002)

2410/02(22). SOUTH PACIFIC. PERU.

F/V SAN PEDRO DE RIO, GREEN HULL, UNREPORTED. LAST KNOWN POSITION 12-59S 076-50W. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO ANY COASTAL RADIO STATION.

(241355Z DEC 2002)

2411/02 and 2412/02. CANCELED.

2413/02(GEN). GPS SATELLITE SYSTEM.

1. PRN 29 UNUSABLE.
2. CANCEL HYDROPOAC 2411/02.

(250625Z DEC 2002)

2414/02. CANCELED.

2415/02(GEN). NORTH PACIFIC.

1. LORAN-C CHAIN RUSSIA, RATE 7950, OFF AIR UNTIL 262100Z DEC.
2. CANCEL THIS MSG 262200Z DEC.

(250740Z DEC 2002)

2416/02(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 270330Z TO 270730Z DEC WITHIN 13 MILES OF 21-39.0N 069-33.9E.
2. CANCEL THIS MSG 270830Z DEC.

(251040Z DEC 2002)

2417/02(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0330Z TO 1530Z DAILY 27 AND 31 DEC 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 311630Z DEC.

(251050Z DEC 2002)

SECTION III

NM 2/03

2418/02. CANCELED.

2419/02(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 270930Z TO 271330Z DEC IN AREA
BOUND BY 17-11N 083-47E, 17-17N 083-39E,
17-25N 083-46E, 17-19N 083-53E.
2. CANCEL THIS MSG 271430Z DEC.

(251110Z DEC 2002)

2420/02. CANCELED.

2421/02(75). AUSTRALIA-SOUTHEAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY
M/V WESTERN MONARCH TOWING EIGHT 3 MILE LONG CABLES
IN AREA BETWEEN 38-23S 38-50S AND 148-05E 148-55E.
WIDE BERTH REQUESTED.
2. CANCEL HYDROPAC 2412/02.

(251140Z DEC 2002)

2422/02(97). NORTH PACIFIC. MISSILES.

1. HAZARDOUS OPERATIONS 292310Z TO 300110Z DEC,
ALTERNATE 302310Z TO 310110Z DEC IN AREA
BETWEEN 30-30N 33-30N AND 152-00E 156-00E.
2. CANCEL THIS MSG 310210Z DEC.

(251318Z DEC 2002)

2423/02 thru 2425/02. CANCELED.

2426/02(22). SOUTH PACIFIC. CHILE. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 1300Z TO 2000Z DAILY
30 AND 31 DEC IN AREA BETWEEN
32-55S 33-00S AND 072-05W 072-00W.
2. CANCEL HYDROPAC 2302/02.
3. CANCEL THIS MSG 312100Z DEC.

(252315Z DEC 2002)

2427/02(GEN). INDIAN OCEAN.

48 METER F/V PARK HILL, RED AND WHITE HULL, 30 PERSONS ON BOARD,
OVERDUE MALAYSIA TO MAURITIUS. LAST KNOWN POSITION VICINITY
CHAGOS ARCHIPELAGO ON 26 NOV. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO SEYCHELLES RADIO.

(260740Z DEC 2002)

2428/02(74). AUSTRALIA-NORTH COAST.

CHART 74009 (10TH ED).
CAPE DON LIGHT 11-19S 131-46E UNLIT.

(261110Z DEC 2002)

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 26 December 2002: 00-7, 01-1, 01-5, 01-7, 02-2, 02-5 and 02-7.

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 26 December 2002: 1, 29, 77, 81, 82, 89, 92, 95, 107, 108, 111, 113, 114, 115, 116, 117, 118, 119 and 120.

SECTION III

NM 2/03

MARINE INFORMATION

NEW EDITION OF COAST PILOT

U.S. Coast Pilot 5, Atlantic Coast: Gulf of Mexico, Puerto Rico and Virgin Islands, Thirtieth Edition, 2003, is ready for issue and may be obtained from:

Federal Aviation Administration
National Aeronautical Charting Office
Distribution Division, AVN-530
6303 Ivy Lane, Suite 400
Greenbelt, MD 20770-6325

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

The 2003 Edition cancels the preceding 2002 Edition.

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

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

MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

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

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

Ship/Organization: name of vessel or organization.

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

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

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

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

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

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

Include details about the equipment used, if deemed pertinent.

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

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

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

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

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

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

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

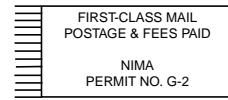
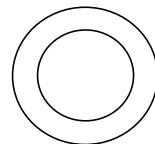
Details of Information Reported (continue on additional sheets as necessary) _____

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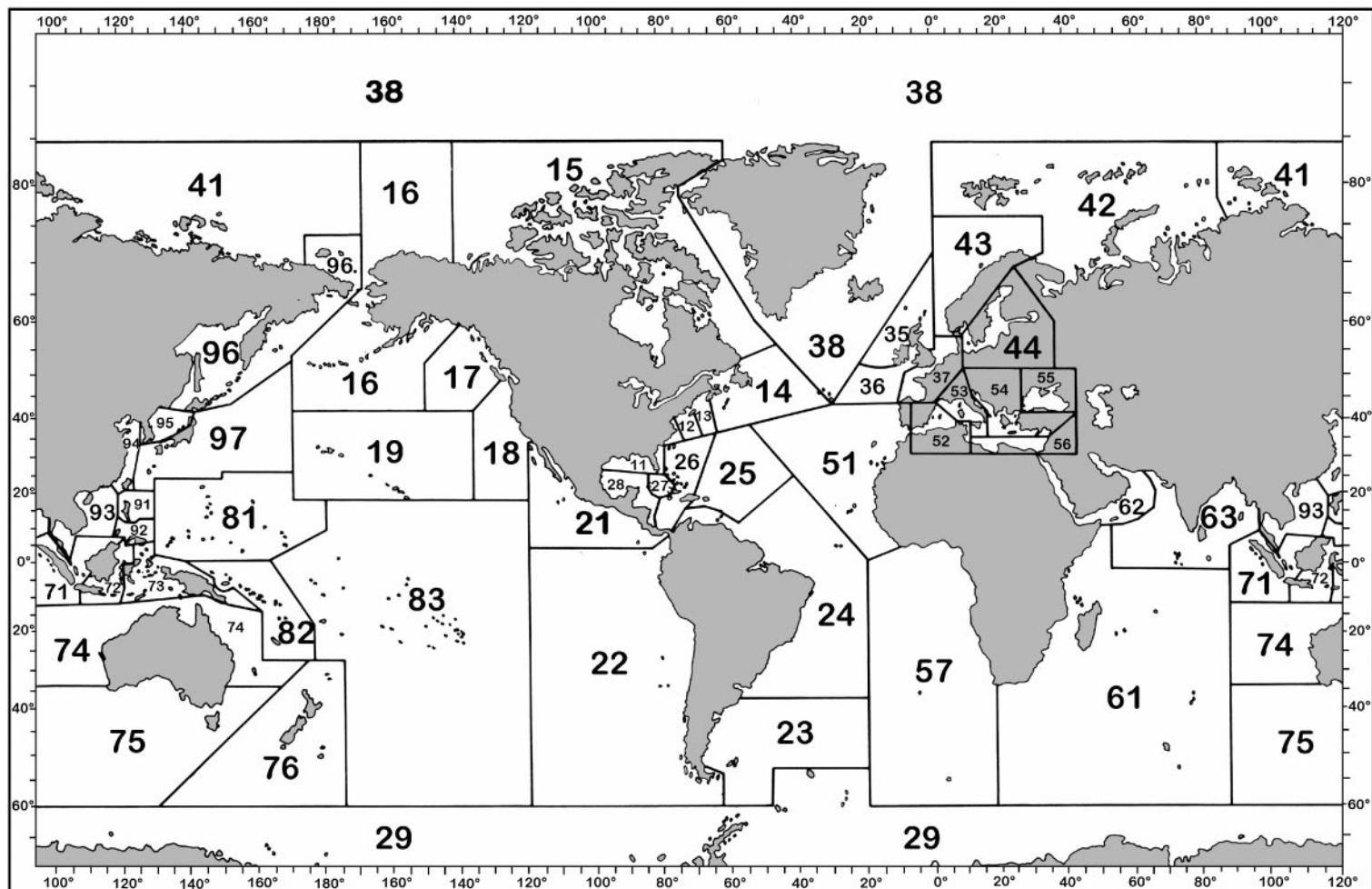
User Feedback (continue on additional sheets as necessary)



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



GEOGRAPHIC LOCATOR



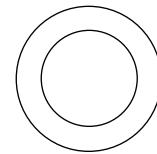
For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NIMA Catalog of Maps, Charts, and Related Products, Part 2-Hydrographic Products, Volume 1. Each Region is further subdivided into the numbered Subregions 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 Subregion number of the pertinent geographic area, and then turning to the page or pages that list the chart numbers beginning with those two digits.

AFTER 5 DAYS RETURN TO

DEFENSE SUPPLY CENTER RICHMOND

ATTN: JNAH
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NOTICE TO
MARINERS

PLEASE EXPEDITE DELIVERY