



No. 39

27 SEPTEMBER 2003



UNITED STATES OF AMERICA

NOTICE TO MARINERS



Published Weekly by the
National Imagery and Mapping Agency

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

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



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IMPORTANT INFORMATION

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

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

For further information concerning 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 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.J. Logan	USS BREMERTON

Cover Photo: The **USS KEARSARGE (LHD-3)** is the third in a series of seven *WASP* class multipurpose amphibious assault ships built by Ingalls Shipbuilding in Pascagoula, MS. **KEARSARGE** is the fourth ship to bear this name, with an historical lineage that dates back to the Civil War. Hers is one of only two names that Congress has mandated the US Navy will always have a ship named. Her principal mission is to embark, deploy, land and support a Marine landing force. The ship is specifically designed to accommodate Air Cushion Landing Craft (LCAC) for fast troop movement over the beach, and AV-8B Harrier aircraft to provide close-in air support for the assault force. **KEARSARGE** can also carry as many as 26 Navy/USMC helicopters for troop movement, air support and Search and Rescue Operations. The ship's extensive medical facilities include six fully-equipped operating rooms and a 600-bed hospital for combat support, as well as for humanitarian missions during peacetime. Commissioned 16 October 1993, the **KEARSARGE** is 844 feet in length, has a beam of 110 feet, a draft of 28 feet and can accommodate a crew of 1,009 sailors and 73 officers. During her recent deployment in support of Operation Enduring/Iraqi Freedom, the **KEARSARGE** served as the flagship for Commander, Amphibious Task Force EAST, and carried more than 1,700 Marines from the Second Marine Expeditionary Brigade to the Northern Arabian Gulf. The homeport of the **KEARSARGE** is Norfolk, Virginia.

INFORMATION
OF
SPECIAL INTEREST
OR
IMPORTANCE
TO
MARINERS

NM 39/03

HYDROGRAM

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

SPECIAL
ANNOUNCEMENTS
NEW PRODUCTS
OR SERVICES
IMPORTANT
CHANGES

27 September 2003

QUARTERLY SUMMARY OF INFORMATION OF INTEREST TO NAVIGATORS

NAVAREAS, HYDROPACS AND HYDROLANTS-SEE SECTION III.

NEW EDITION OF SAILING DIRECTIONS

PUB. 127, SAILING DIRECTIONS (ENROUTE) EAST COAST OF AUSTRALIA AND NEW ZEALAND, SEVENTH EDITION, 2003, IS READY FOR ISSUE. THIS EDITION IS PRODUCED BY NIMA IN DIGITAL FORMAT ONLY. SEE SECTIONS II AND III.

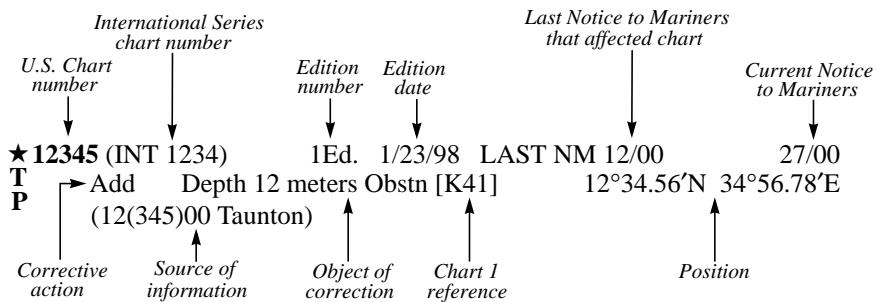
CHANGES IN RADIOFAX BROADCAST FREQUENCIES FOR NEW ORLEANS, LOUISIANNA

CHANGES IN RADIOFAX BROADCAST FREQUENCIES FOR NEW ORLEANS ARE PLANNED TO BEGIN ON OCTOBER 1, 2003. THE NEW FREQUENCIES WILL PROVIDE GREATER COVERAGE. SEE SECTION 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 39/03

108	(INT 403) 9Ed. 1/8/94 LAST NM 34/03 Delete Depth 11 meters, danger circle and legend "(Rep 1994)" (NOS)	39/03 34°03'N 76°47'W	Change Range light, front to Fl 2.5s 15ft (Day), Fl 2.5s 13ft (Night), Fl 2.5s 17ft 5M Range light, rear to Iso 6s 40ft (Day), Iso 6s 43ft (Night) (29, 31/03 CG7)	Range light, front to Fl 2.5s 15ft (Day), Fl 2.5s 13ft (Night), Fl 2.5s 17ft 5M Range light, rear to Iso 6s 40ft (Day), Iso 6s 43ft (Night) 33°11'34"N 79°10'06"W 33°11'34"N 79°10'36"W
120	6Ed. 8/20/94 LAST NM 44/01 Delete Depth 6 fathoms, danger circle and legend "(Rep 1994)" (NOS)	39/03 34°03'N 76°47'W	★11532 20Ed. 2/2/02 LAST NM 37/02 Delete BELL from buoy "8" Depth 10 feet	39/03 33°11'37"N 79°09'07"W 33°12'04"N 79°10'34"W
124	10Ed. 6/15/96 LAST NM 34/03 Delete Depth 6 fathoms, danger circle and legend "(Rep 1994)" (NOS)	39/03 34°03'N 76°47'W	Change Range light, front to Fl 2.5s 15ft (Day), Fl 2.5s 13ft (Night), Fl 2.5s 17ft 5M Range light, rear to Iso 6s 40ft (Day), Iso 6s 43ft (Night) (NOS; 29, 31/03 CG7)	Range light, front to Fl 2.5s 15ft (Day), Fl 2.5s 13ft (Night), Fl 2.5s 17ft 5M Range light, rear to Iso 6s 40ft (Day), Iso 6s 43ft (Night) 33°11'34"N 79°10'05"W 33°11'34"N 79°10'36"W
145	16Ed. 4/6/85 LAST NM 38/01 Delete Depth 6 fathoms, danger circle and legend "(Rep 1994)" (NOS)	39/03 34°03'N 76°47'W	11535 12Ed. 1/5/02 LAST NM 46/02 Delete BELL from buoy "8"	39/03 33°11'37"N 79°09'06"W
★11009	36Ed. 10/20/01 LAST NM 19/03 Delete Depth 6 fathoms, blue tint, enclosing depth contour and legend "(Rep 1994)" (NOS)	39/03 34°02.5'N 76°46.5'W	Change Range light, front to Fl 2.5s 15ft (Day), Fl 2.5s 13ft (Night), Fl 2.5s 17ft 5M Range light, rear to Iso 6s 40ft (Day), Iso 6s 43ft (Night) (29, 31/03 CG7)	Range light, front to Fl 2.5s 15ft (Day), Fl 2.5s 13ft (Night), Fl 2.5s 17ft 5M Range light, rear to Iso 6s 40ft (Day), Iso 6s 43ft (Night) 33°11'34"N 79°10'36"W
11434	24Ed. 3/16/02 LAST NM 22/03 Add Buoy "LR" Y, can, Fl(4) Y 20s (Priv) (29/03 CG7)	39/03 24°32.6'N 81°24.1'W	11541 33Ed. 11/02 LAST NM 35/03 (Side A) Change Legend to "32 1/2 FT JUN 2003" (NOS)	39/03 34°42'58"N 76°42'15"W
11435	13Ed. 9/27/97 LAST NM N22/03 Add Buoy "LR" Y, can, Fl(4) Y 20s (Priv) (29/03 CG7)	N39/03 24°32.6'N 81°24.1'W	11545 60Ed. 9/1/02 LAST NM 38/03 Change Legend to "32 1/2 FT JUN 2003" Add Depth 23 feet (NOS)	39/03 34°42'57"N 76°42'15"W 34°42'48"N 76°42'24"W
11442	34Ed. 7/03 LAST NM 38/03 Add Buoy "LR" Y, can, Fl(4) Y 20s (Priv) (29/03 CG7)	39/03 24°32'34"N 81°24'08"W	★11547 35Ed. 3/30/02 LAST NM 38/03 Change Legend to "32 1/2 FT JUN 2003" Add Depth 23 feet (NOS)	39/03 34°42'52.5"N 76°42'19.5"W 34°42'48.5"N 76°42'24.4"W
★11445	30Ed. 3/31/01 LAST NM 15/03 Add Buoy "LR" Y, can, Fl(4) Y 20s (Priv) (29/03 CG7)	39/03 24°32'33.9"N 81°24'07.8"W	12300 43Ed. 3/03 LAST NM 19/03 Add Light Fl Y 4s 68ft 4M HORN (Priv) (28/03 CG1)	39/03 41°19.5'N 70°33.6'W
11450	8Ed. 3/30/02 LAST NM 25/03 Add Buoy "LR" Y, can, Fl(4) Y 20s (Priv) (29/03 CG7)	39/03 24°32.6'N 81°24.1'W	12301 21Ed. 9/15/01 LAST NM N17/03 Add Light Fl Y 4s 68ft 4M HORN (Priv) (28/03 CG1)	N39/03 41°19.5'N 70°33.6'W
11460	38Ed. 6/02 LAST NM 34/03 Add Buoy "LR" Y, can, Fl(4) Y 20s (Priv) (29/03 CG7)	39/03 24°32.6'N 81°24.1'W	12352 29Ed. 11/17/01 LAST NM 17/03 (Page A) Add Light "1" Fl G 2.5s 14ft 4M (28/03 CG1)	39/03 40°45'50"N 72°45'21"W
11461	5Ed. 4/26/97 LAST NM 25/03 Add Buoy "LR" Y, can, Fl(4) Y 20s (Priv) (29/03 CG7)	39/03 24°32.6'N 81°24.1'W	★12353 17Ed. 6/13/92 LAST NM 11/00 Change Light to "1" Fl G 2.5s 14ft 4M (28/03 CG1)	39/03 40°45'50"N 72°45'21"W
11520	41Ed. 7/03 LAST NM 38/03 Add Buoy Y, nun (Priv) (31/03 CG7)	39/03 32°34.3'N 79°55.1'W	★12364 34Ed. 3/03 LAST NM 36/03 (Page A) Change Note to "BRIDGEPORT HARBOR" Controlling depths for project widths in feet at Mean Lower Low Water 7-90 to 3-00	39/03 Bridgeport Entrance Channel 29.3 Bridgeport Reach 24.4 Pequonnock River Lower Reach 16.2 (Mid Width) Upper Reach 8.0 (Mid Width) Johnsons Creek Entrance Channel 9.2 Newfield Reach 6.6 Yellow Mill Channel Lower Reach 13.0 Middle Reach 11.4 Upper Reach 9.3 (Mid Width)"
11521	26Ed. 2/2/02 LAST NM 34/03 Add Buoy Y, nun (Priv) (31/03 CG7)	39/03 32°34'18"N 79°55'06"W		41°12'05"N 73°09'27"W
★11522	19Ed. 8/25/01 LAST NM 45/01 Add Buoy Y, nun (Priv) (31/03 CG7)	39/03 32°34'18"N 79°55'06"W		
11525	6Ed. 9/23/00 LAST NM N24/03 Delete Depth 6 fathoms, danger circle and legend "(rep 1994)" (NOS)	N39/03 34°02.5'N 76°46.5'W		
11531	21Ed. 5/02 LAST NM 11/03 Delete BELL from buoy "8"	39/03 33°11'36"N 79°09'07"W		

SECTION I

13003	47Ed. 6/03	LAST NM 36/03 Change Buoy to "M" Y, Fl Y 4s (Priv) (28/03 CG1)	39/03 43°29.8'N 67°52.9'W	★14213 Ed. 9/29/00 NEW CHART (NIMA)	N39/03
13006	31Ed. 6/03	LAST NM 36/03 Change Buoy to "M" Y, Fl Y 4s (Priv) Visibility (range) of light to 5M (28/03 CG1)	39/03 43°29.8'N 67°52.8'W 42°41.2'N 70°46.1'W	★14214 Ed. 6/21/02 NEW CHART (NIMA)	N39/03
13009	30Ed. 8/02	LAST NM 36/03 Change Buoy to "M" Y, Fl Y 4s (Priv) (See 49/02-13009) (28/03 CG1)	39/03 43°29.7'N 67°52.8'W	★14215 Ed. 2/26/99 NEW CHART (NIMA)	N39/03
13200	33Ed. 1/19/02	LAST NM 36/03 Add Light Fl Y 4s 68ft 4M HORN (Priv) (28/03 CG1)	39/03 41°19.5'N 70°33.6'W	★14216 Ed. 8/17/01 NEW CHART (NIMA)	N39/03
13201	10Ed. 8/10/96	LAST NM N36/03 Add Light Fl Y 4s 68ft 4M HORN (Priv) (28/03 CG1)	N39/03 41°19.5'N 70°33.6'W	★14218 Ed. 11/9/01 NEW CHART (NIMA)	N39/03
★13233	16Ed. 4/14/01	LAST NM 10/03 Add Light Fl Y 4s 68ft 4M HORN (Priv) (28/03 CG1)	39/03 41°19'30"N 70°33'36"W	★14220 Ed. 3/31/00 NEW CHART (NIMA)	N39/03
13237	39Ed. 5/03	LAST NM 27/03 Add Light Fl Y 4s 68ft 4M HORN (Priv) (28/03 CG1)	39/03 41°19'30"N 70°33'36"W	★14224 Ed. 11/16/01 NEW CHART (NIMA)	N39/03
★13260	39Ed. 6/03	LAST NM 36/03 Change Buoy to "M" Y, Fl Y 4s (Priv) Visibility (range) of light to 5M (28/03 CG1)	39/03 43°29.6'N 67°52.8'W 42°41.2'N 70°46.0'W	★14225 17Ed. 4/15/95 CHART CANCELED (NIMA)	39/03
13263	7Ed. 4/24/99	LAST NM N36/03 Change Buoy to "M" Y, Fl Y 4s (Priv) Visibility (range) of light to 5M (See 49/02-13263) (28/03 CG1)	N39/03 43°29.7'N 67°52.8'W 42°41.2'N 70°46.0'W	★14226 32Ed. 3/4/95 CHART CANCELED (NIMA)	39/03
13264	103Ed. 1/7/95	LAST NM 29/03 Change Buoy to "M" Y, Fl Y 4s (Priv) (See 49/02-13264) (28/03 CG1)	39/03 43°29.7'N 67°52.8'W	★14227 28Ed. 3/25/95 CHART CANCELED (NIMA)	39/03
13274	24Ed. 5/12/01	LAST NM 32/03 (Side A, Left Panel) Change Visibility (range) of light to 5M (28/03 CG1)	39/03 42°41'08"N 70°45'57"W	★14228 11Ed. 3/11/95 CHART CANCELED (NIMA)	39/03
13278	25Ed. 12/9/00	LAST NM 32/03 Change Visibility (range) of light to 5M (28/03 CG1)	39/03 42°41'08"N 70°45'57"W	★14229 Ed. 9/10/99 NEW CHART (NIMA)	N39/03
★13279	30Ed. 3/03	LAST NM 32/03 Change Visibility (range) of light to 5M (28/03 CG1)	39/03 42°41'07.2"N 70°45'57.7"W	★14241 23Ed. 4/1/95 CHART CANCELED (NIMA)	39/03
13282	11Ed. 4/03	LAST NM 21/03 Change Visibility (range) of light to 5M (28/03 CG1)	39/03 42°41'07"N 70°45'59"W	★14243 8Ed. 4/1/95 CHART CANCELED (NIMA)	39/03
★13290	35Ed. 8/03	NEW EDITION (NOS)	39/03	★14244 5Ed. 5/13/95 CHART CANCELED (NIMA)	39/03
14003	6Ed. 4/27/96	LAST NM 29/03 Change Buoy to "M" Y, Fl Y 4s (Priv) (See 49/02-14003) (28/03 CG1)	39/03 43°29.7'N 67°52.8'W	★14245 4Ed. 5/27/95 CHART CANCELED (NIMA)	39/03
17300	30Ed. 10/02	LAST NM 21/03 Substitute Depth 8 fathoms 1 foot for 11 fathoms Depth 8 fathoms 1 foot for 9 fathoms (28/03 CG1)	39/03 58°41.6'N 136°17.5'W 58°28.1'N 136°01.5'W	★14246 6Ed. 5/20/95 CHART CANCELED (NIMA)	39/03

(continued on next page)

SECTION I

NM 39/03

17300	(Continued)			
Add	Depth 6 fathoms 4 feet Depth 5 fathoms 3 feet (NOS)	58°41.9'N 136°09.4'W 58°33.9'N 136°00.9'W		Light from 33°45'29.2"N 118°11'01.2"W to 33°45'28.5"N 118°11'00.6"W
★17318	5Ed. 1/13/01 LAST NM 28/01 Substitute Depth 8 fathoms 1 foot for 11 fathoms	39/03		Light from 33°45'24.3"N 118°10'59.0"W to 33°45'23.6"N 118°11'00.0"W
	Depth 6 fathoms 4 feet for 7 fathoms 5 feet	58°41'33"N 136°17'27"W		Light "E" from 33°42'32.9"N 118°16'18.7"W to 33°42'32.8"N 118°16'19.8"W
	Depth 5 fathoms 3 feet for 7 fathoms 2 feet	58°41'52"N 136°09'23"W		Light "4" from 33°42'49.2"N 118°16'25.2"W to 33°42'49.6"N 118°16'24.2"W
	Depth 8 fathoms 1 foot for 9 fathoms	58°33'52"N 136°00'56"W (NOS) 58°28'06"N 136°01'32"W		Light "E" from 33°43'39.5"N 118°14'15.4"W to 33°43'39.9"N 118°14'13.9"W
17320	15Ed. 3/6/99 LAST NM 34/03 Add Dashed-line circle with legend "Subm buoy (cov 41fms)" Dashed-line circle with legend "Subm buoy (cov 48fms)" (26/03 CG17)	39/03		(NOS)
★17323	10Ed. 7/10/93 LAST NM 29/03 Add Dashed-line circle with legend "Subm buoy (cov 41fms)" 57°23'31.8"N 135°38'29.4"W Dashed-line circle with legend "Subm buoy (cov 48fms)" 57°19'19.7"N 135°39'12.7"W (Inset Sergius Narrows) Add Dashed-line circle with legend "Subm buoy (cov 41fms)" 57°23'31.8"N 135°38'29.4"W (26/03 CG17)	39/03		★18751 42Ed. 12/1/01 LAST NM 31/03 Relocate Light from 33°45'31.0"N 118°10'58.0"W to 33°45'30.4"N 118°10'58.7"W
				Light from 33°45'29.2"N 118°11'01.2"W to 33°45'28.5"N 118°11'00.6"W
				Light from 33°45'24.3"N 118°10'59.0"W to 33°45'23.6"N 118°11'00.0"W
				Light from 33°45'35.1"N 118°11'36.3"W to 33°45'35.2"N 118°11'36.7"W
				Light from 33°45'34.8"N 118°11'33.1"W to 33°45'35.5"N 118°11'32.7"W
				Light from 33°42'48.7"N 118°16'57.8"W to 33°42'48.6"N 118°16'58.2"W
				Light "E" from 33°42'32.9"N 118°16'18.7"W to 33°42'32.8"N 118°16'19.8"W
				Light "4" from 33°42'49.2"N 118°16'25.2"W to 33°42'49.6"N 118°16'24.2"W
				Light "6" from 33°44'10.9"N 118°12'08.5"W to 33°44'11.7"N 118°12'08.5"W
				Light "E" from 33°43'39.5"N 118°14'15.4"W to 33°43'39.9"N 118°14'13.9"W
★17324	13Ed. 3/25/89 LAST NM 49/01 Add Dashed-line circle with legend "Subm buoy (cov 48fms)" Dashed-line circle with legend "Subm buoy (cov 12fms)"	39/03		(NOS)
		57°19'20"N 135°39'13"W		★18754 17Ed. 7/03 NEW EDITION
		57°17'13"N 135°36'28"W		39/03
				24153 6Ed. 8/15/92 LAST NM 30/02
				Add Beacon "AP" YB, double cone topmark points downward [Q130.3] 22°58'44"S 44°20'31"W (12(63)03 Rio de Janeiro)
18415	8Ed. 7/8/95 LAST NM 32/03 Add Depth 3.6 meters Depth 3.5 meters (2(3313)03 Ottawa)	39/03		24161 11Ed. 6/8/96 LAST NM 32/03 Add Buoy "1" R, conical Buoy "2" G, can Buoy "3" R, conical Buoy "4" G, can Buoy "5" R, conical (12(64)03 Rio de Janeiro)
		48°40'54"N 123°19'29"W 48°40'23"N 123°18'52"W		22°51'43"S 43°11'25"W 22°51'48"S 43°11'24"W 22°51'56"S 43°12'05"W 22°52'00"S 43°12'01"W 22°51'44"S 43°12'22"W
18421	45Ed. 12/02 LAST NM 37/03 Add Depth 2 fathoms Depth 2 fathoms (2(3313)03 Ottawa)	39/03		24162 9Ed. 8/3/96 LAST NM 32/03 Add Designation "1" to buoy 22°51'42.5"S 43°11'25.0"W Designation "2" to buoy 22°51'48.0"S 43°11'24.0"W Designation "3" to buoy 22°51'55.5"S 43°12'05.3"W Designation "4" to buoy 22°52'00.0"S 43°12'01.0"W Designation "5" to buoy 22°51'44.2"S 43°12'21.5"W (12(64)03 Rio de Janeiro)
18423	33Ed. 10/02 LAST NM 38/03 (Page C) Add Depth 2 fathoms Depth 2 fathoms (2(3313)03 Ottawa)	39/03		24164 6Ed. 6/4/88 LAST NM 27/02 Add Beacon "AP" YB, double cone topmark points downward [Q130.3] 22°58'44"S 44°20'31"W (12(63)03 Rio de Janeiro)
★18441	43Ed. 7/03 NEW EDITION Delete Depth 12 fathoms (Previously published 30/03)	39/03		24220 14Ed. 9/30/95 LAST NM 28/02 Substitute Foul ground symbol [K31] for stranded wreck 8°04.7'S 34°52.1'W (12(62)03 Rio de Janeiro)
		48°14'47"N 122°51'58"W		24222 3Ed. 1/18/97 LAST NM 27/02 Substitute Foul ground symbol [K31] for stranded wreck 8°04.6'S 34°52.1'W (12(62)03 Rio de Janeiro)
				24223 33Ed. 8/17/96 LAST NM 18/02 Substitute Foul ground symbol [K31] for stranded wreck 8°04'46.5"S 34°52'04.5"W (12(62)03 Rio de Janeiro)
18721	11Ed. 7/8/00 LAST NM 10/03 Change Legend to "SAFETY ZONE 147.1112 (see note A)"	39/03		39/03
		34°29'22"N 120°41'26"W (NOS)		
18749	38Ed. 12/1/01 LAST NM 31/03 Relocate Light from 33°45'31.0"N 118°10'58.0"W to 33°45'30.4"N 118°10'58.7"W	39/03		

24240	5Ed. 6/13/98 LAST NM 7/03 Change Visibility (range) of light (Fl 10s) to 5M	39/03 3°42.3'S 38°27.6'W	Range light, rear to Iso R 6s 36ft, Iso R 6s 38ft 4M (31/03 CG7)	17°59'06.9"N 66°45'50.8"W
Add	Depth 9.4 meters, blue tint and enclosing depth contour (10-meter)	4°52.1'S 36°17.0'W		
	(12(60, 61)03 Rio de Janeiro)			
24250	5Ed. 1/31/98 LAST NM 7/03 Change Visibility (range) of light (Fl 10s) to 5M	39/03 3°42.3'S 38°27.6'W		
	(12(61)03 Rio de Janeiro)			
24251	23Ed. 9/14/96 LAST NM 6/03 Change Visibility (range) of light to 5M	39/03 3°42'18.5"S 38°27'37.3"W		
	(12(61)03 Rio de Janeiro)			
24252	5Ed. 2/15/97 LAST NM 6/03 Change Visibility (range) of light to 5M	39/03 3°42'20"S 38°27'37"W		
	(12(61)03 Rio de Janeiro)			
25017	5Ed. 10/30/93 LAST NM 34/03 Add Buoy "A" Y, can (Priv) (29/03 CG7)	39/03 17°55.3'N 66°33.9'W		
25018	9Ed. 7/28/01 LAST NM 34/03 Add Buoy "A" Y, can (Priv) (29/03 CG7)	39/03 17°55.3'N 66°33.9'W		
25575	4Ed. 6/10/95 LAST NM 35/03 Add Stranded wreck [K24]	39/03 17°07'20.9"N 61°50'55.1"W		
	Double solid line with land tint (pier) [F14] between 17°07'11.0"N 61°50'43.8"W 17°07'11.0"N 61°50'54.6"W			
Delete	Depth 1.5 meters	17°07'10.9"N 61°50'45.5"W		
Add	Stranded wreck [K24]	17°07'20.9"N 61°50'55.1"W		
	Double solid line with land tint (pier) [F14] between 17°07'11.0"N 61°50'43.8"W 17°07'11.0"N 61°50'54.6"W			
	Position circle "Dn" [F20]	17°07'11.2"N 61°50'59.3"W		
	Position circle "Dn" [F20]	17°07'10.9"N 61°50'55.7"W		
	(33(3574)03 Taunton)			
25640	40Ed. 4/6/02 LAST NM 34/03 Add Buoy "A" Y, can (Priv) (29/03 CG7)	39/03 17°55.3'N 66°33.9'W		
25650	33Ed. 3/9/02 LAST NM 31/03 Add Light Q (Priv) (31/03 CG7)	39/03 18°10'19"N 65°28'03"W		
25663	27Ed. 2/9/02 LAST NM 30/03 Add Light Q (Priv) (31/03 CG7)	39/03 18°10'19.4"N 65°28'02.8"W		
★25664	15Ed. 5/6/00 LAST NM 30/03 Add Light Q (Priv) (31/03 CG7)	39/03 18°10'19.4"N 65°28'02.8"W		
25677	20Ed. 5/03 LAST NM 32/03 Change Range light, front to QR 16ft, QR 18ft 3M	39/03 17°58.6'N 66°45.8'W		
	Range light, rear to Iso R 6s 36ft, Iso R 6s 38ft 4M	17°59.1'N 66°45.8'W		
Add	Buoy "A" Y, can (Priv) (29, 31/03 CG7)	17°55.3'N 66°33.9'W		
★25681	16Ed. 4/03 LAST NM 34/03 Change Range light, front to QR 16ft, QR 18ft 3M	39/03 17°58'36.9"N 66°45'49.8"W		
★25683	18Ed. 5/03 LAST NM 34/03 Add Buoy "A" Y, can (Priv) (29/03 CG7)	39/03 17°55'20"N 66°33'53"W		
27080	4Ed. 9/1/01 LAST NM 22/03 Add Buoy "LR" Y, can, Fl(4) Y 20s (Priv)	39/03 (29/03 CG7)	24°32.6'N 81°24.1'W	
29040	3Ed. 9/12/98 LAST NM 52/01 Add Stranded wreck [K24]	39/03 54°18.3'S 36°28.6'W	Stranded wreck [K24]	54°18.7'S 36°27.7'W
	(33(3506)03 Taunton)			
29127	4Ed. 12/27/97 LAST NM 29/03 Delete Depth 91 meters	39/03 66°31.2'S 67°04.6'W		
	Add Depth 87 meters and enclosing depth contour (200-meter)	66°31.6'S 67°02.9'W		
	Depth 49 meters and enclosing depth contour (200-meter)	66°34.3'S 67°34.0'W		
	(33(3593)03 Taunton)			
29141	3Ed. 8/6/88 LAST NM 29/03 Delete Depth 91 meters and enclosing depth contour (100-meter)	39/03 66°31.2'S 67°04.6'W		
	Add Depth 87 meters and enclosing depth contour (100-meter)	66°31.6'S 67°02.9'W		
	Depth 49 meters and enclosing depth contour (100-meter)	66°34.3'S 67°34.0'W		
	Depth 122 meters	66°42.2'S 67°03.8'W		
	(33(3593)03 Taunton)			
37095	3Ed. 10/26/96 LAST NM 32/03 Delete Depth 4 meters Wk	39/03 49°44.8'N 0°15.0'E		
	Add Dangerous wreck [K28] (9(11)03 Brest)	49°44.4'N 0°14.7'E		
37110	11Ed. 4/24/99 LAST NM 32/03 Delete Depth 4 meters Wk	39/03 49°44.8'N 0°15.0'E		
	Add Dangerous wreck [K28] (9(11)03 Brest)	49°44.4'N 0°14.7'E		
37115	2Ed. 5/10/97 LAST NM 32/03 Delete Depth 4 meters Wk	39/03 49°44.8'N 0°15.0'E		
	Add Dangerous wreck [K28] (9(11)03 Brest)	49°44.4'N 0°14.7'E		
37120	2Ed. 3/22/97 LAST NM 32/03 Substitute Depth 28.5 meters Wk [K26] for 29 meters Wk	39/03 51°39.5'N 3°07.2'E		
	Add Depth 23 meters Wk [K26] (19(232), 39(448)00 's-Gravenhage)	51°40.4'N 3°14.5'E		
37150	8Ed. 12/20/97 LAST NM 37/03 Substitute Depth 25 meters Wk for swept depth 21 meters Wk	39/03 52°46'10"N 3°13'50"E		
	Add Depth 33 meters (49(554)00, 15(233)01 's-Gravenhage)	52°06'12"N 2°45'02"E		
37162	12Ed. 5/18/96 LAST NM 37/03 Substitute Depth 26 meters Wk [K26] for 26.5 meters Wk	39/03 51°57.1'N 3°22.5'E		
	Depth 22.8 meters Obstn [K41] for 23 meters Obstn	51°53.3'N 3°39.0'E		
	Depth 13 meters Well [L21.2] for 15 meters Well	52°03.8'N 4°02.8'E		

(continued on next page)

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NM 39/03

37162	(Continued)			
Add	Depth 22.5 meters Wk [K26]	52°11.8'N 3°46.1'E	Substitute	Depth 13 meters Well [L21.2] for 15 meters Well
	Dangerous wreck [K28]	52°07.7'N 3°55.4'E		52°03'48"N 4°02'50"E
	Foul ground symbol [K31]	52°06.4'N 3°55.2'E	Add	Dangerous wreck [K28]
	Depth 19.8 meters Well [L21.2]	52°36.7'N 3°50.4'E		52°07'43"N 3°55'25"E
	Submarine pipeline (gas) [L40.1] joining	52°07.7'N 3°56.4'E		52°06'22"N 3°55'10"E
		52°07.5'N 3°56.9'E		52°02'32"N 3°54'42"E
		52°03.8'N 4°02.8'E		Submarine pipeline (gas) [L40.1] joining
	Depth 15.8 meters	51°57.6'N 3°45.9'E		52°07'41"N 3°56'23"E
	Depth 16.3 meters	51°57.2'N 3°47.8'E		52°07'29"N 3°56'52"E
	Depth 19.9 meters	52°00.7'N 3°48.9'E		52°03'48"N 4°02'50"E
	Depth 19.6 meters	52°01.9'N 3°47.5'E		Depth 15.8 meters
	Depth 15 meters Wk [K26]	51°50.9'N 3°36.9'E		51°57'36"N 3°45'52"E
	(38(462)99, 31(368), 39(448), 43(491)00, 11(175, 178)01's-Gravenhage)			51°57'14"N 3°47'50"E
37165	2Ed. 2/3/96 LAST NM 37/03	39/03		Depth 16.3 meters
Delete	Platform "L10-K"	53°29.6'N 4°16.2'E		52°00'46"N 3°48'54"E
Add	Submarine pipeline (gas) [L40.1] joining	53°35.7'N 4°26.1'E		Depth 19.6 meters
		53°39.7'N 4°32.5'E		51°52'55"N 3°47'26"E
		53°38.4'N 4°33.9'E		Light L Fl G 5s to buoy "R3"
	Depth 31 meters Well [L21.2]	53°41.9'N 4°25.2'E		51°52'44"N 4°01'28"E
	Submarine pipeline (gas) [L40.1] between	53°45.2'N 3°55.0'E		Light L Fl R 8s to buoy "R4"
		53°40.6'N 4°00.1'E		51°52'51"N 4°01'42"E
	(31(379), 38(459)99, 38(437), 40(465)00 's-Gravenhage)			Light L Fl G 8s to buoy "R7"
				51°51'53"N 4°02'35"E
				Light L Fl R 5s to buoy "R8"
				51°52'01"N 4°02'53"E
				(38(462)99, 22(261), 31(368)00, 11(175)01 's-Gravenhage)
37166	2Ed. 7/13/96 LAST NM 37/03	39/03	37242	10Ed. 5/16/98 LAST NM 35/03
Delete	Platform	53°29.6'N 4°16.2'E	39/03	(Panel A)
Substitute	Platform (lighted) "L1D-W" [L2] for depth 19 meters Well	53°24.4'N 4°01.4'E	Change	Designation of buoy "4" to "3"
	Depth 22.8 meters Obstn [K41] for 23 meters Obstn	51°53.3'N 3°39.0'E		51°56'13.2"N 4°07'24.0"E
	Depth 27.5 meters for 26.5 meters	52°00.4'N 2°36.0'E		Designation of buoy "3" to "4"
	Depth 25 meters Wk for 20.8 meters Wk	52°46.2'N 3°13.8'E		51°56'07.8"N 4°07'22.2"E
Add	Depth 36 meters Wk [K26]	51°56.8'N 2°37.6'E		Light "27" to L Fl G 5s
	Dangerous wreck [K28]	52°07.7'N 3°55.4'E		51°54'54.6"N 4°14'17.4"E
	Foul ground symbol [K31]	52°06.4'N 3°55.2'E		Light "14" to "29" L Fl G 8s
	Depth 25.5 meters Wk [K26]	53°16.5'N 4°31.6'E		51°54'39.0"N 4°14'52.2"E
	Depth 19.8 meters Well [L21.2]	52°36.7'N 3°50.4'E		Light to FG
	Submarine pipeline (gas) [L40.1] joining	53°35.7'N 4°26.1'E		(See 32/03-37242)
		53°39.7'N 4°32.5'E		
		53°39.0'N 4°33.7'E	(Panel B)	
		53°38.4'N 4°33.9'E	Change	Designation of buoy "12" to "25"
	Depth 31 meters Well [L21.2]	53°41.9'N 4°25.2'E		51°55'07.2"N 4°13'57.0"E
	Submarine pipeline (gas) [L40.1] between	53°45.2'N 3°55.0'E		
		53°40.6'N 4°00.1'E		Light "13" to "27" L Fl G 5s
	Depth 33 meters	52°06.2'N 2°45.0'E		51°54'54.6"N 4°14'17.4"E
	Depth 15 meters Wk [K26]	51°50.9'N 3°36.9'E		Light "14" to "29" L Fl G 8s
	(31(379), 38(459)99, 4(75), 13(161), 38(437), 40(465), 43(491), 44(506), 49(554)00, 11(175, 178), 15(233)01 's-Gravenhage)			51°54'25.8"N 4°15'25.2"E
				Light "15" to "31" L Fl G 5s
				51°54'10.8"N 4°16'02.4"E
				Light "16" to "33" L Fl G 8s
				51°54'00.0"N 4°16'28.2"E
				Light "17" to "35" L Fl G 5s
				51°53'47.4"N 4°17'13.8"E
				(4(69), 24(285)00, 47(646)01 's-Gravenhage)
37223	14Ed. 9/2/95 LAST NM 35/03	39/03	37244	11Ed. 2/1/97 LAST NM 37/03
Delete	Platform "Placid L10-K" and prohibited area centered	53°29.6'N 4°16.2'E	39/03	
Add	Depth 25.5 meters Wk [K26]	53°16.5'N 4°31.6'E	Substitute	Depth 26 meters Wk [K26] for 26.5 meters Wk
	Submarine pipeline (gas) [L40.1] joining	53°35.7'N 4°26.1'E		51°57.1'N 3°22.5'E
		53°39.7'N 4°32.5'E		Depth 28.5 meters Wk [K26] for 29 meters Wk
		53°39.0'N 4°33.7'E		51°39.5'N 3°07.2'E
		53°38.4'N 4°33.9'E		Depth 18.2 meters for 19.6 meters
	Depth 31 meters Well [L21.2]	53°41.9'N 4°25.2'E		51°45.0'N 3°22.6'E
	Submarine pipeline (gas) [L40.1] between	53°45.2'N 3°55.0'E		Depth 13 meters Well [L21.2] for 15 meters Well
		53°40.6'N 4°00.1'E		52°03.8'N 4°02.8'E
	Depth 33 meters	52°06.2'N 2°45.0'E		Depth 28 meters Wk [K26] for 30.5 meters Wk
	Depth 15 meters Wk [K26]	51°50.9'N 3°36.9'E		51°45.4'N 3°01.6'E
	(38(459)99, 4(75), 13(161), 38(437), 40(465), 43(491), 44(506), 49(554)00, 11(175, 178), 15(233)01 's-Gravenhage)			Depth 33 meters Wk [K26] for 34 meters Wk
				51°45.5'N 3°07.6'E
				Depth 22.8 meters Obstn [K41] for 23 meters Obstn
				51°53.3'N 3°39.0'E
				Depth 11 meters for 11.6 meters
				51°41.5'N 3°08.9'E
				Depth 15.7 meters for 15.9 meters
				51°44.2'N 3°09.9'E
				Depth 14.1 meters for 14.4 meters
				51°40.6'N 2°59.5'E
				Depth 27.5 meters for 26.5 meters
				52°00.4'N 2°36.0'E
Add	Depth 22.5 meters Wk	52°11.8'N 3°46.1'E	Add	Depth 22.5 meters Wk
	Wk [K26]	51°40.4'N 3°14.5'E		52°23 meters Wk [K26]
	Depth 15.2 meters Wk [K26]	51°43.1'N 3°17.9'E		52°15.2 meters Wk [K26]
	Depth 36 meters Wk [K26]	51°56.8'N 2°37.6'E		52°07.7'N 3°55.4'E
	Dangerous wreck [K28]	52°07.7'N 3°55.4'E		Foul ground symbol [K31]
	Foul ground symbol [K31]	52°06.4'N 3°55.2'E		Submarine pipeline (gas) [L40.1] joining
				52°07.7'N 3°56.4'E
				52°07.5'N 3°56.9'E
				52°03.8'N 4°02.8'E
	Depth 15.8 meters	51°57.6'N 3°45.9'E		Depth 15.8 meters
	Depth 16.3 meters	51°57.2'N 3°47.9'E		Depth 16.3 meters
	Depth 19.9 meters	52°00.7'N 3°48.9'E		Depth 19.9 meters
	Depth 19.6 meters	52°01.5'N 3°47.5'E		Depth 19.6 meters
	Depth 33 meters	52°06.2'N 2°45.0'E		Depth 33 meters
	Depth 15 meters Wk [K26]	51°50.9'N 3°36.9'E		Depth 15 meters Wk [K26]
	(38(459)99, 38(437), 40(465), 44(506)00 's-Gravenhage)			51°34.6'N 3°01.0'E
37241	17Ed. 8/2/97 LAST NM 37/03	39/03		(38(462)99, 4(75), 10(130), 12(147), 13(161), 19(232), 31(368), 39(448)00, 11(175, 178), 15(223, 226)01 's-Gravenhage)
Delete	Depth 19 meters	51°57'24"N 3°48'14"E		

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37246	14Ed. 5/16/98 LAST NM 35/03 Delete Light from buoy "2a"	39/03 51°26'06"N 3°41'36"E	44165	1Ed. 10/6/90 LAST NM 34/03 Add Dashed line (anchorage area limit) between 58°33'42"N 17°31'30"E 58°33'42"N 17°28'30"E	39/03
	Relocate Buoy "MG19" from 51°27'05"N 3°57'35"E to 51°26'43"N 3°57'29"E			Dashed line (anchorage area limit) between 58°34'30"N 17°30'00"E 58°33'00"N 17°30'00"E	
	Substitute Depth 13.5 meters Rk for 12.3 meters	51°23'38"N 4°02'06"E		Dashed line (anchorage area limit) between 58°36'24"N 17°31'30"E 58°36'24"N 17°34'48"E	
	Change Legend "Dam 1" to "Dam 2" (9(123), 18(212), 43(494), 46(525)00 's-Gravenhage)	51°22'28"N 4°13'22"E		Dashed line (anchorage area limit) between 58°36'54"N 17°33'06"E 58°35'54"N 17°33'06"E	
37360	15Ed. 6/22/96 LAST NM 38/03 Delete Depth 13 meters	39/03 47°22.8'N 2°59.4'W		Legend "A1" and change legend to "ANCHORAGE AREA A" in vicinity	58°34'06"N 17°29'15"E
	Substitute Depth 1 meter for 1.6 meters	47°21.8'N 3°00.1'W		Legend "A2" Legend "A3" Legend "A4" Legend "B1" and change legend to "ANCHORAGE AREA B" in vicinity	58°34'06"N 17°30'45"E 58°33'21"N 17°29'15"E 58°33'21"N 17°30'45"E 58°36'39"N 17°32'18"E
	Add Depth 14.2 meters Depth 10.1 meters Depth 11.4 meters Depth 6.8 meters Depth 4.6 meters Depth 16.1 meters Depth 15.6 meters Depth 9.7 meters Depth 14.9 meters Depth 13.6 meters Depth 17.5 meters Depth 14.3 meters Depth 19.2 meters (41(19)02 Brest)	47°21.2'N 3°00.8'W 47°21.8'N 2°58.6'W 47°22.3'N 2°59.2'W 47°23.4'N 2°59.7'W 47°23.9'N 2°58.4'W 47°24.8'N 2°58.9'W 47°22.8'N 3°01.5'W 47°24.7'N 3°01.6'W 47°22.4'N 3°01.0'W 47°18.2'N 3°02.4'W 47°21.5'N 3°04.8'W 47°21.0'N 3°00.1'W 47°18.6'N 3°02.0'W		Legend "B2" Legend "B3" Legend "B4" (Supersedes 46/02-44165) (18-19(231)02 Norrkoping)	58°36'39"N 17°33'57"E 58°36'09"N 17°32'18"E 58°36'09"N 17°33'57"E
37362	6Ed. 7/12/97 LAST NM 38/03 Change Light to Iso WG 4s 14/11M with sectors green 042°-093°, white-145°, green-345°, obsc-042° (31(25)01 Brest; Fr LL)	39/03 47°18'29"N 2°31'26"W	44179	2Ed. 5/25/96 LAST NM 35/03 Add Depth 35 meters Wk [K26] (28(1275)03 Norrkoping)	39/03 59°05'04"N 18°32'56"E
37380	2Ed. 9/11/93 LAST NM 38/03 Change Light to Iso WG 4s 14/11M with sectors green 042°-093°, white-145°, green-345°, obsc-042° (31(25)01 Brest; Fr LL)	39/03 47°18.5'N 2°31.4'W	44183	6Ed. 4/19/97 LAST NM 35/03 Add Submarine cable (power) [L31.1] joining	39/03 59°19'36"N 18°26'13"E 59°19'35"N 18°26'14"E 59°19'30"N 18°26'11"E
43344	3Ed. 7/16/83 LAST NM 34/97 Delete Visibility (range) from light Visibility (range) from light Light	39/03 58°29'06"N 5°49'31"E 58°29'06"N 5°49'00"E 58°30'25"N 5°47'30"E	44187	2Ed. 2/3/96 LAST NM 27/03 Delete Buoy	39/03 59°45'50"N 19°23'14"E
	Change Light to F	58°26'12"N 5°59'26"E		Change Buoy to G, conical, QG Buoy to G, conical, Fl(2) 6s (15(180)02 Norrkoping)	59°45'39"N 19°19'02"E 59°43'30"N 19°06'35"E
	Add Range light, front FR 15m 4M Range light, rear FR 25m 4M	58°30'13"N 5°47'45"E 58°30'08"N 5°47'54"E			
	Range line extending in 315° direction from above rear light dashed for 300 meters, thence solid for 2000 meters		44192	1Ed. 12/18/93 LAST NM 23/03 Delete Submerged rock	39/03 59°15'56"N 17°48'49"E
	Legend "Lts in line 135°" along above range line	58°30'45"N 5°46'45"E		Add Submerged rock (38(520)02 Norrkoping)	59°15'56"N 17°48'56"E
	Solid line (breakwater) [F4.1] joining	58°30'15"N 5°47'14"E 58°30'21"N 5°47'10"E 58°30'29"N 5°47'10"E	44205	2Ed. 4/9/94 LAST NM 31/03 Change Visibility (range) of light 8/4M	39/03 60°43'52.0"N 17°19'30.0"E (Swd LL)
	Light Iso G 6s 14m	58°30'28"N 5°47'11"E			
	Light FR	58°30'28"N 5°47'24"E	44240	8Ed. 7/19/97 LAST NM 25/03 Delete WHIS from light "N Langrogrundet"	39/03 (45(627)02 Norrkoping)
	Light FR	58°30'24"N 5°47'27"E			
	Light FG	58°30'19"N 5°47'29"E	44313	1Ed. 4/11/87 LAST NM 37/03 (Plan)	39/03
	(24(1059), 1060)01 Stavanger; BA LL)			Change Characteristic of range light, rear to L Fl 6s (BA LL)	61°07'37.0"N 21°21'07.0"E
44120	7Ed. 2/22/97 LAST NM 33/03 Add Light Q WRG 3M (38(514)02 Norrkoping)	39/03 56°08.8'N 15°16.1'E	44360	9Ed. 10/12/96 LAST NM 37/03 Change Light to UQ(5) 6s 10m 2M Ra Ref (BA LL)	39/03 60°25.8'N 27°08.3'E
44161	2Ed. 6/8/96 LAST NM 35/03 (Panel B)	39/03 56°37'56"N 16°21'52"E	44367	2Ed. 2/5/94 LAST NM 6/03 Change Visibility (range) of range light, front to 5M Light to UQ(5) 6s 10m 2M	39/03 60°27'00"N 27°06'12"E 60°25'49"N 27°08'05"E

(continued on next page)

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NM 39/03

44367	(Continued)				
	(Plan B)				
Change	Visibility (range) of beacon to 3M	60°31'46"N 27°11'19"E			
(BA LL)					
44462	4Ed. 3/16/96 LAST NM 27/03	39/03			
Add	Depth 2.6 meters Wk [K26]	54°21'12.6"N 18°41'00.0"E			
	Buoy BY, spar, double cone topmark points upward	54°21'13.2"N 18°41'00.0"E			
(16(313)03 Gdynia)					
51159	3Ed. 2/28/87 LAST NM 47/02	39/03			
Delete	Range lights (2), range line and legend "Lights in line 339°11'" between	37°08.610"N 6°50.595"W 37°06.850"N 6°49.750"W			
	Buoy	37°09.910"N 6°54.020"W			
	Solid line joining	37°09.850"N 6°53.650"W 37°09.780"N 6°53.740"W 37°09.730"N 6°53.850"W 37°09.650"N 6°53.750"W			
	(See 46/95-51159)				
Relocate	Buoy "No 2" from 37°06.420"N 6°49.620"W to 37°06.290"N 6°49.570"W Buoy "No 5" from 37°07.470"N 6°49.930"W to 37°07.610"N 6°49.960"W Buoy "No 9" from 37°08.180"N 6°50.750"W to 37°08.110"N 6°50.520"W Buoy "No 11" from 37°08.460"N 6°51.380"W to 37°08.480"N 6°51.490"W Buoy "No 12" from 37°08.430"N 6°51.660"W to 37°08.380"N 6°51.550"W Buoy "No 13" from 37°07.700"N 6°52.110"W to 37°07.900"N 6°52.190"W Buoy "No 14" from 37°07.200"N 6°52.300"W to 37°06.790"N 6°52.270"W Buoy "No 19" from 37°09.750"N 6°53.920"W to 37°09.840"N 6°54.120"W				
Add	Light Dir WRG 59m 8M with sectors FG-337°30'-338°00', FG-338°36', Oc G- 339°06', FW-339°18', Oc R-339°48', FR- 340°24', Fl R-340°54'	37°08.665"N 6°50.600"W			
	Land tint to area bound by shore and solid line joining	37°09.850"N 6°53.670"W 37°09.710"N 6°53.660"W 37°08.980"N 6°52.380"W 37°09.020"N 6°52.230"W			
	Land tint to area bound by breakwater and solid line joining	37°08.530"N 6°52.580"W 37°08.580"N 6°52.390"W 37°08.290"N 6°51.770"W 37°08.120"N 6°51.710"W			
	Solid line (pier) between	37°09.870"N 6°53.710"W 37°09.730"N 6°53.850"W			
	Solid line (T-head pier) between	37°09.780"N 6°53.880"W 37°09.690"N 6°53.750"W			
	Light Fl(2) G 10s	37°09.730"N 6°53.830"W			
	Light Fl(2) G 10s	37°09.700"N 6°53.780"W			
	(7(102), 11(193)03 Cadiz; Spn CH 4411)				
51165	8Ed. 3/11/00 LAST NM 16/03	39/03			
Add	Chartlet, depicting changes in hydrography, from Subsection I-2	36°37'06.0"W 6°19'30.0"E			
(7(122)03 Cadiz)					
51166	3Ed. 1/16/99 LAST NM N45/02	N39/03			
Add	Chartlet A, depicting changes in hydrography, from Subsection I-2	36°36'54.0"N 6°19'24.0"E			
	Chartlet B, depicting changes in hydrography, from Subsection I-2	36°37'18.0"N 6°19'42.0"E			
(7(122)03 Cadiz)					
51600	12Ed. 9/10/94 LAST NM 20/03	39/03			
Substitute	Depth 7.7 meters enclosed by depth contour (10-meter) for 11 meters	8°07.4'N 13°05.6'W			
(BA CH 685)					
51620	10Ed. 8/10/96 LAST NM 20/03	39/03			
	Substitute Depth 7.7 meters enclosed by depth contour (10-meter) for 11 meters	8°07.4'N 13°05.6'W			
Add	Buoy "4" Or, spar, Fl	7°43.5'N 12°48.0'W			
(BA CH 685)					
53060	14Ed. 9/30/89 LAST NM 36/03	39/03			
Change	Period of light to 15s Light to Iso R 4s 20m 11M	42°42.5'N 3°02.3'E 43°23.9'N 3°43.9'E			
(38(18, 19)00 Brest)					
53064	6Ed. 1/28/95 LAST NM 20/03	39/03			
Change	Light to Iso R 4s 20m 11M	43°23'55.5"N 3°43'50.8"E			
(38(19)00 Brest)					
53065	2Ed. 9/3/94 LAST NM 33/02	39/03			
Change	Light to Iso R 4s 20m 11M	43°23'55.5"N 3°43'50.8"E			
(38(19)00 Brest)					
53066	2Ed. 7/16/94 LAST NM 20/03	39/03			
Change	Light to Iso R 4s 20m 11M	43°23'55.5"N 3°43'50.8"E			
(38(19)00 Brest)					
54387	7Ed. 2/3/96 LAST NM 30/03	39/03			
	(Plan A)				
Change	Visibility (range) of light to 7M	38°25'45.3"N 27°07'50.8"E			
	Visibility (range) of light to 7M	38°25'18.8"N 27°07'34.1"E			
	(Plan B)				
Change	Visibility (range) of light to 7M	38°25'45.3"N 27°07'50.8"E			
	Visibility (range) of light to 7M	38°25'18.8"N 27°07'34.1"E			
(14(62)03 Istanbul)					
55001 (INT 310)	4Ed. 1/21/95 LAST NM 36/03	39/03			
Add	Depth 15 meters Wk [K26]	45°15.3'N 33°00.3'E			
(21(337)03 St. Petersburg)					
55040	4Ed. 7/31/99 LAST NM 36/03	39/03			
Change	Visibility (range) of light to 12M	40°22.6'N 27°47.3'E			
(21(99)03 Istanbul)					
55045	2Ed. 5/17/86 LAST NM 41/02	39/03			
Change	Visibility (range) of light to 12M	40°22'36"N 27°47'18"E			
(21(99)03 Istanbul)					
55084	7Ed. 6/1/96 LAST NM 39/02	39/03			
Add	Buoy YB, pillar, double cone topmark points downward, Q(6) + L Fl 15s	46°18'35.0"N 30°40'36.1"E			
	Buoy YB, pillar, double cone topmark points downward, Q(6) + L Fl 15s	46°18'36.0"N 30°41'00.7"E			
(20(315)03 St. Petersburg)					
55085	9Ed. 9/21/96 LAST NM 36/03	39/03			
Add	Buoy YB, pillar, double cone topmark points downward, Q(6) + L Fl 15s	46°18.6'N 30°41.0'E			
(20(315)03 St. Petersburg)					
55100	8Ed. 1/23/99 LAST NM 34/03	39/03			
Add	Depth 15 meters Wk [K26]	45°15.3'N 33°00.3'E			
(21(337)03 St. Petersburg)					
55101	4Ed. 8/24/96 LAST NM 38/03	39/03			
Add	Buoy "1" G, pillar, cone topmark	46°51'18"N 31°57'40"E			
	Buoy "2" R, pillar, can topmark	46°51'22"N 31°58'06"E			
	Buoy "3" G, pillar, cone topmark	46°51'19"N 31°58'05"E			
	Buoy "5" G, pillar, cone topmark	46°51'11"N 31°58'34"E			
	Depth 3 meters Wk [K26] marked by buoy BRB, pillar, double ball topmark	46°56'32"N 31°59'01"E			
(21(3366, 3368)03 St. Petersburg)					
55130	2Ed. 2/8/97 LAST NM 34/03	39/03			
Delete	Light from buoy "1"	45°16.1'N 29°48.7'E			
(continued on next page)					

SECTION I

55130	(Continued)			
Add	Depth 15 meters Wk [K26] (20(3149), 21(3370)03 St. Petersburg)	45°15.3'N 33°00.3'E		
55131	1Ed. 11/16/96 LAST NM 38/03 Delete Light from buoy "1" (20(3149)03 St. Petersburg)	45°16.1'N 29°48.7'E	39/03	
55180	2Ed. 10/12/96 LAST NM 36/03 Delete "DANGER AREA" centered Buoy (18(2739)03 St. Petersburg)	44°57.5'N 35°28.4'E 44°57.5'N 35°28.4'E	39/03	
55190	2Ed. 10/5/96 LAST NM 27/03 Add Danger circle "Obstn" [K40] (20(3168)03 St. Petersburg)	45°24.6'N 36°40.5'E	39/03	
55200	2Ed. 8/17/96 LAST NM 36/03 Add Danger circle "Obstn" [K40] Danger circle "Obstn" [K40] (20(3164)03 St. Petersburg)	45°20.0'N 36°35.0'E 45°21.6'N 36°39.4'E	39/03	
61060	5Ed. 8/10/96 LAST NM 27/03 Add Position circle "R MAST (43) (R Lts)" (8(62)03 Cape Town)	33°02.0'S 27°54.1'E	39/03	
61070	4Ed. 7/1/95 LAST NM 9/03 Add Position circle "R MAST (43) (R Lts)" (8(62)03 Cape Town)	33°02.0'S 27°54.1'E	39/03	
61071	9Ed. 1/18/97 LAST NM 18/03 Add Position circle "R MAST (43) (R Lts)" (8(62)03 Cape Town)	33°02'00.4"S 27°54'04.0"E	39/03	
61092	13Ed. 1/5/91 LAST NM 35/03 Delete Buoy "M24"	29°53'05.0"S 31°00'27.0"E	39/03	
Change	Designation of buoy "M26" to "M24"	29°53'08.9"S 31°00'27.8"E		
	Period of buoy "E7" to 3s	29°52'05.8"S 31°01'16.7"E		
Add	Light Fl G 2s to buoy "I3" Light Fl G 2s to buoy "I7" Light Fl G 2s to buoy "I9" Light Fl G 2s to buoy "I15" Light Fl Y 2s to buoy "I2" (8(63)03 Cape Town)	29°52'58.9"S 31°02'28.4"E 29°53'05.0"S 31°02'15.3"E 29°53'06.9"S 31°02'09.5"E 29°53'09.2"S 31°01'46.0"E 29°52'56.0"S 31°02'51.4"E		
61142	6Ed. 6/29/91 LAST NM 35/03 Relocate Buoy "9" from 19°52'18.4"S (See 35/03-61142) (8(01MOZ)03 Cape Town)	34°49'32.8"E to 19°52'14.8"S 34°49'29.5"E	39/03	
63053	4Ed. 12/8/01 LAST NM 14/02 Relocate Buoy "9" from 24°37'11"N 67°05'29"E to 24°37'14"N 67°05'34"E Buoy "10" from 24°38'05"N 67°07'00"E to 24°37'45"N 67°06'27"E Buoy "12" from 24°38'35"N 67°07'16"E to 24°38'14"N 67°07'19"E Buoy "14" from 24°39'32"N 67°07'50"E to 24°39'19"N 67°07'48"E	24°33'52"N 67°03'32"E 24°37'03"N 67°05'25"E	39/03	
Change	Characteristic of buoy "1" to Fl G 7s Characteristic of buoy "7A" to Fl(3) 5s	24°33'52"N 67°03'32"E 24°37'03"N 67°05'25"E		
Add	Buoy "11" G, conical, Fl G 7s Buoy "B2" R, can, Fl(2) R 8s Buoy "15A" G, conical, Fl(3) G 15s (41(124)02 Karachi)	24°37'36"N 67°06'31"E 24°40'32"N 67°08'21"E 24°39'47"N 67°08'11"E		
63055	2Ed. 10/13/01 LAST NM 29/02 Delete Dashed line joining	24°43'11.4"N 67°09'00.8"E 24°43'46.0"N 67°09'26.5"E 24°43'54.0"N 67°09'36.0"E 24°44'50.4"N 67°11'05.6"E	39/03	
	Dashed line joining	24°45'27.6"N 67°11'38.0"E 24°45'51.5"N 67°12'07.0"E 24°46'01.0"N 67°12'22.0"E 24°46'27.6"N 67°13'25.4"E		
74027	9Ed. 5/13/95 LAST NM 44/02 (Plan B) Change Light to F Bu 4M (8(234)00 Wollongong)	24°46'44.4"N 67°13'48.2"E 24°46'50.0"N 67°13'58.0"E 24°46'54.0"N 67°14'16.0"E 24°46'57.0"N 67°14'48.2"E	39/03	
74182	12Ed. 2/13/99 LAST NM 38/03 Delete "QUARANTINE ANCHORAGE" area in vicinity	24°45'27.6"N 67°11'38.0"E 24°45'58.2"N 67°12'15.2"E 24°46'27.6"N 67°13'25.4"E	39/03	
74190	7Ed. 6/14/97 LAST NM 34/03 Delete Dangerous wreck (8(247)00 Wollongong)	24°46'33.6"N 67°13'21.8"E 24°46'50.4"N 67°13'59.0"E 24°47'00.0"N 67°14'09.2"E	39/03	
74261	9Ed. 5/23/98 LAST NM 30/03 (Plan) Change Light to QY 4M, Fl Y 3s (8(230)00 Wollongong)	24°45'27.6"N 67°11'38.0"E 24°45'58.2"N 67°12'15.2"E 24°46'27.6"N 67°13'25.4"E	39/03	
74393	9Ed. 10/30/99 LAST NM 3/03 Add Submarine cable [L30.1] between	24°46'33.6"N 67°13'21.8"E 24°46'50.4"N 67°13'44.6"E 24°47'00.0"N 67°14'09.2"E	39/03	
	Purple composite line (anchoring and fishing prohibited area) joining (12(340)00 Wollongong)	24°46'33.6"N 67°13'21.8"E 24°46'50.4"N 67°13'44.6"E 24°47'00.0"N 67°14'09.2"E		

74394	2Ed.	10/3/98	LAST NM	3/03	39/03
Add	Submarine cable [L30.1] between				
		12°27'37.2"S	130°49'08.9"E		
		12°28'01.7"S	130°48'34.0"E		
	"ANCHORING AND FISHING PROHIBITED" area bound by purple composite line joining	12°28'00.0"S	130°48'22.2"E		
		12°27'34.2"S	130°49'06.0"E		
		12°27'39.0"S	130°49'11.4"E		
		12°28'12.0"S	130°48'33.0"E		
	(Plan)				
Substitute	Depth 3.1 meters for 4 meters	12°28'16.2"S	130°50'52.2"E		
Add	Submarine cable [L30.1] between	12°27'37.2"S	130°49'08.9"E		
		12°28'01.7"S	130°48'34.0"E		
	"ANCHORING AND FISHING PROHIBITED" area bound by purple composite line joining	12°28'00.0"S	130°48'22.2"E		
		12°27'34.2"S	130°49'06.0"E		
		12°27'39.0"S	130°49'11.4"E		
		12°28'12.0"S	130°48'33.0"E		
	(12(340)00 Wollongong)				
74581	9Ed.	3/30/96	LAST NM	31/03	39/03
Add	Buoy Y, spar [Q130.6]	32°03'18.7"S	115°39'27.8"E		
	Buoy Y, spar [Q130.6]	32°04'06.2"S	115°43'08.6"E		
	Buoy Y, spar [Q130.6]	32°03'56.3"S	115°43'46.0"E		
	Buoy Y, spar [Q130.6]	32°04'11.6"S	115°44'14.1"E		
	(8(235)00 Wollongong)				
74582	9Ed.	2/10/96	LAST NM	31/03	39/03
Add	Buoy Y, spar [Q130.6]	32°04'06.3"S	115°43'08.1"E		
	Buoy Y, spar [Q130.6]	32°03'56.4"S	115°43'45.5"E		
	Buoy Y, spar [Q130.6]	32°04'11.7"S	115°44'13.6"E		
	(8(235)00 Wollongong)				
74584	5Ed.	7/22/95	LAST NM	38/03	39/03
Delete	Light	32°11'05.0"S	115°46'04.8"E		
Change	Topmark of buoy to "X" (See 26/03-74584)	32°13'07.8"S	115°44'30.6"E		
Add	Dashed line (channel extension) between	32°06'05.4"S	115°41'43.8"E		
		32°06'45.0"S	115°41'52.8"E		
	Dashed line (channel extension) between	32°06'02.4"S	115°41'49.2"E		
		32°06'45.0"S	115°41'58.8"E		
	Buoy Y, spar [Q130.6]	32°03'18.7"S	115°39'27.8"E		
	Buoy Y, spar [Q130.6]	32°04'06.2"S	115°43'08.6"E		
	Buoy Y, spar [Q130.6]	32°03'56.3"S	115°43'46.0"E		
	Buoy Y, spar [Q130.6]	32°04'11.6"S	115°44'14.1"E		
	Buoy Y, spar [Q130.6]	32°04'49.1"S	115°44'25.7"E		
	Buoy Y, spar [Q130.6]	32°04'33.2"S	115°43'27.0"E		
	Buoy Y, spar [Q130.6]	32°04'33.9"S	115°42'39.1"E		
	Buoy Y, spar [Q130.6]	32°04'50.2"S	115°41'49.0"E		
	Buoy Y, spar [Q130.6]	32°05'03.1"S	115°43'09.5"E		
	Buoy Y, spar [Q130.6]	32°06'00.5"S	115°42'02.2"E		
	Buoy Y, spar [Q130.6]	32°05'49.7"S	115°45'11.0"E		
	Buoy Y, spar [Q130.6]	32°06'49.1"S	115°42'56.6"E		
	Buoy Y, spar [Q130.6]	32°07'37.7"S	115°43'56.7"E		
	(Plan)				
Change	Topmark of buoy to "X" (8(235)00, 14(458, 459)03 Wollongong)	32°13'07.8"S	115°44'30.6"E		
75025	9Ed.	12/10/94	LAST NM	38/03	39/03
Delete	Buoy	38°19.3"S	147°30.9"E		
	Buoy	38°23.9"S	147°31.6"E		
	Buoy	38°12.0"S	147°37.1"E		
	Buoy	38°11.5"S	147°40.8"E		
	Buoy	38°14.2"S	148°14.2"E		
	(13(370)00 Wollongong)				
75131	7Ed.	3/27/99	LAST NM	17/03	39/03
Delete	Purple dashed line and legend "Quarantine Line" joining	34°38'57.6"S	135°56'10.8"E		
		34°41'06.6"S	135°52'16.8"E		
		34°46'06.6"S	135°55'43.8"E		
	(12(341)00 Wollongong)				
75220	12Ed.	7/13/96	LAST NM	26/03	39/03
Delete	Buoy	38°19.3"S	147°30.9"E		
	Buoy "Tarwhine 1"	38°23.9"S	147°31.6"E		
	Buoy "West Seahorse 1"	38°12.0"S	147°37.1"E		
	Buoy "Seahorse 1"	38°11.5"S	147°40.8"E		
	Buoy	38°24.1"S	148°18.8"E		
	Buoy	38°14.2"S	148°14.2"E		
	Buoy	38°19.4"S	147°29.6"E		
	Buoy	38°13.3"S	147°33.6"E		
	(13(370)00 Wollongong)				
75240	4Ed.	7/1/95	LAST NM	27/03	39/03
Delete	Buoy	38°19.3"S	147°30.9"E		
	Buoy "Tarwhine 1"	38°24.3"S	147°32.0"E		
	Buoy "West Seahorse 1"	38°12.3"S	147°37.6"E		
	Buoy "Seahorse 1"	38°11.5"S	147°40.8"E		
	Buoy	38°24.1"S	148°18.8"E		
	Buoy	38°14.4"S	148°14.2"E		
	Buoy	38°19.4"S	147°29.6"E		
	Buoy	38°13.3"S	147°33.6"E		
	(13(370)00 Wollongong)				
82010	6Ed.	12/16/95	LAST NM	17/03	39/03
Add	Danger circle [K1] "Sub Vol Activity Rep (2003)" (NTM0026/2003)	9°01.1"S	157°58.9"E		
82015	13Ed.	1/27/96	LAST NM	22/02	39/03
Add	Danger circle [K1] "Sub Vol Activity Rep (2003)" (NTM0026/2003)	9°01.1"S	157°58.9"E		
82020	7Ed.	4/13/96	LAST NM	22/02	39/03
Add	Danger circle [K1] "Sub Vol Activity Rep (2003)" (NTM0026/2003)	9°01.1"S	157°58.9"E		
82244	5Ed.	7/26/97	LAST NM	20/03	39/03
Add	Depth 3.4 meters, blue tint and enclosing depth contour (20-meter) centered	6°05'35"S	155°30'37"E		
	(8(232)00 Wollongong)				
82253	7Ed.	10/4/97	LAST NM	20/03	39/03
Add	Depth 3.4 meters, blue tint and enclosing depth contour (20-meter) centered	6°05.6"S	155°30.6"E		
	(8(232)00 Wollongong)				
82280	0Ed.	1/1/76	LAST NM	N33/98	N39/03
Add	Danger circle [K1] "Sub Vol Activity Rep (2003)" (NTM0026/2003)	9°01.1"S	157°58.9"E		
96041	11Ed.	12/4/93	LAST NM	30/02	39/03
Change	Characteristic of light to FR (6(727)03 St. Petersburg)	43°05'04"N	131°51'15"E		
96042	11Ed.	6/19/82	LAST NM	21/03	39/03
Change	Characteristic of light to FR (6(727)03 St. Petersburg)	43°05'04.0"N	131°51'15.0"E		
96500	6Ed.	6/17/95	LAST NM	10/03	39/03
Add	Depth 313 meters	52°48.5'N	160°16.0"E		
	(14(2066)03 St. Petersburg)				
97144	14Ed.	6/22/02	LAST NM	20/03	39/03
Delete	Depth 34 meters and bottom characteristic "M Sh"	35°17'17"N	139°42'05"E		
	(33(1265)03 Tokyo)				
97146	10Ed.	2/23/02	LAST NM	15/03	39/03
Delete	Depth 34 meters and bottom characteristic "M Sh"	35°17'18.0"N	139°42'05.0"E		
	(33(1265)03 Tokyo)				

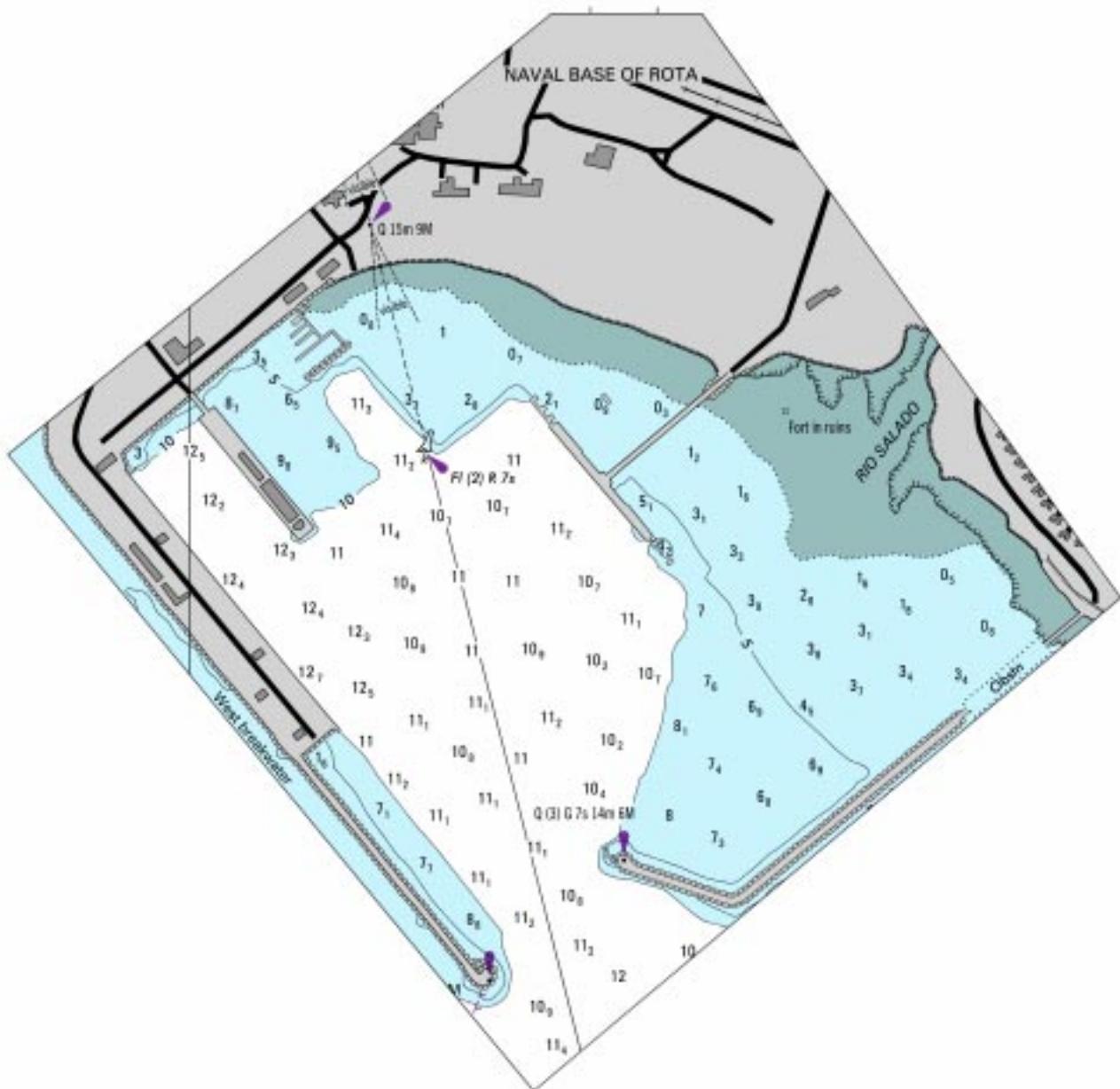
97184	15Ed. 9/13/97 LAST NM 22/03 Add Legend "Lesser depths reported (2003)" between 34°59'00.2"N 136°49'00.9"E 34°58'55.0"N 136°48'57.0"E (See 28/02-97184) (33(1297)03 Tokyo)	39/03
97189	2Ed. 8/9/97 LAST NM 22/03 Add Legend "Lesser depths reported (2003)" between 34°59'00.2"N 136°49'00.9"E 34°58'40.7"N 136°48'45.3"E (See 28/02-97189) (33(1297)03 Tokyo)	39/03
97277	11Ed. 11/27/93 LAST NM 35/03 Add Fish haven symbol [K46.1] (33(1269)03 Tokyo)	39/03 33°14'35"N 131°48'31"E
97278	11Ed. 4/14/90 LAST NM 35/03 Add Fish haven symbol [K46.1] (33(1269)03 Tokyo)	39/03 33°14'35"N 131°48'31"E
801953	1Ed. 2/25/78 LAST NM N25/88 Delete Depth 4.7 meters and enclosing depth contour 17°56'38"N 66°17'43"W Dangerous wreck (PA) "rep" 17°55'57"N 66°15'38"W Add Buoy "A" Y, can (Priv) 17°55'18"N 66°33'55"W Depth 3 meters with legend "Co Hd" 17°56'38"N 66°17'44"W Depth 1.8 meters with legend "Co Hd" 17°56'14"N 66°17'21"W Depth 4.9 meters Rk [K14.2] 17°55'52"N 66°15'43"W Depth 5.5 meters Rk [K14.2] 17°55'46"N 66°15'38"W Depth 16.5 meters Rk [K14.2] 17°54'37"N 66°15'57"W (NOS; 29/03 CG7)	N39/03 17°56'38"N 66°17'43"W
806927	8Ed. 9/12/98 LAST NM N30/03 Add Light Q (Priv) (31/03 CG7)	N39/03 18°10'19.4"N 65°28'02.8"W
807370	5Ed. 7/18/98 LAST NM N31/03 Add Light Q (Priv) (31/03 CG7)	N39/03 18°10'19"N 65°28'03"W

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Chart 51165

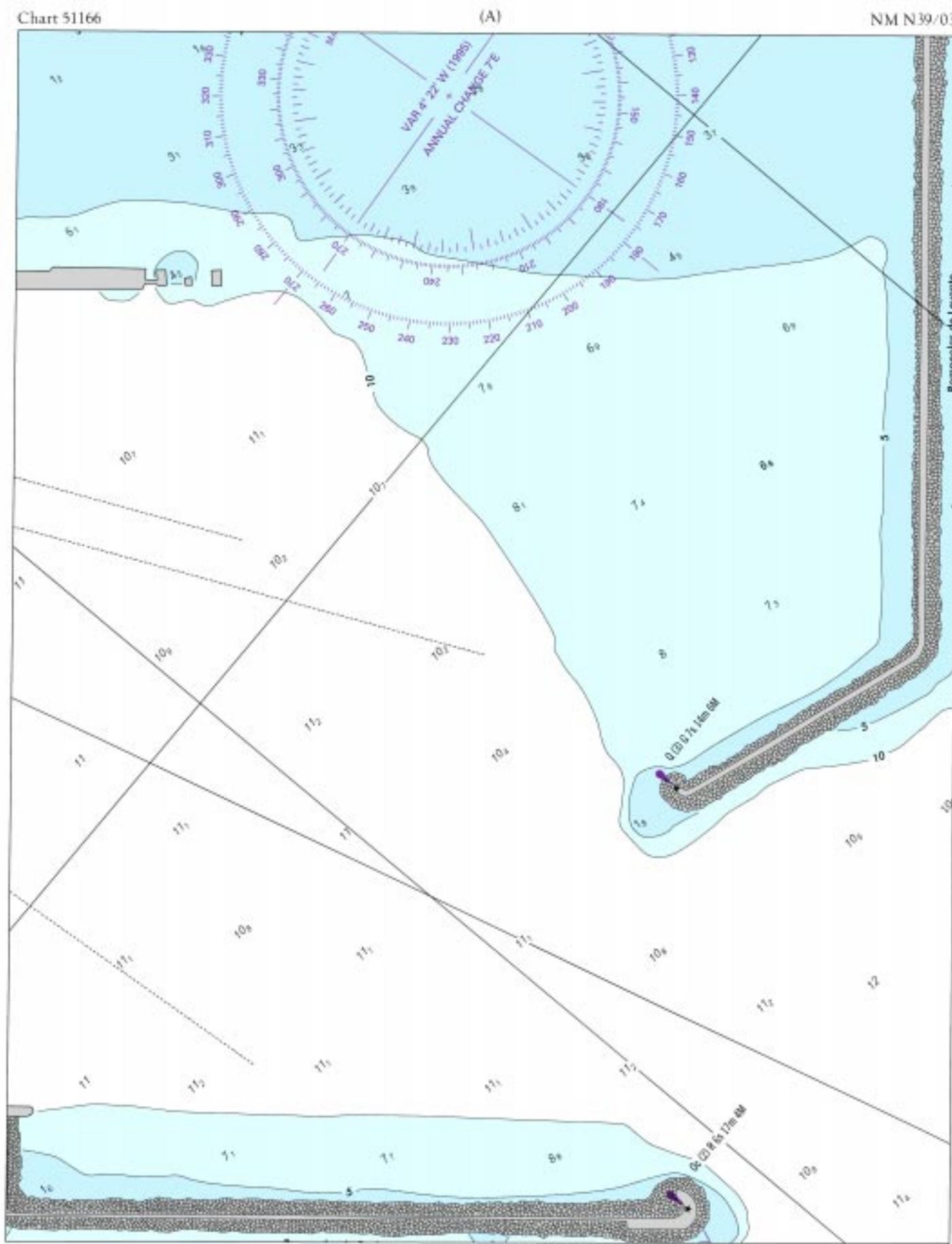
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Chart 51166



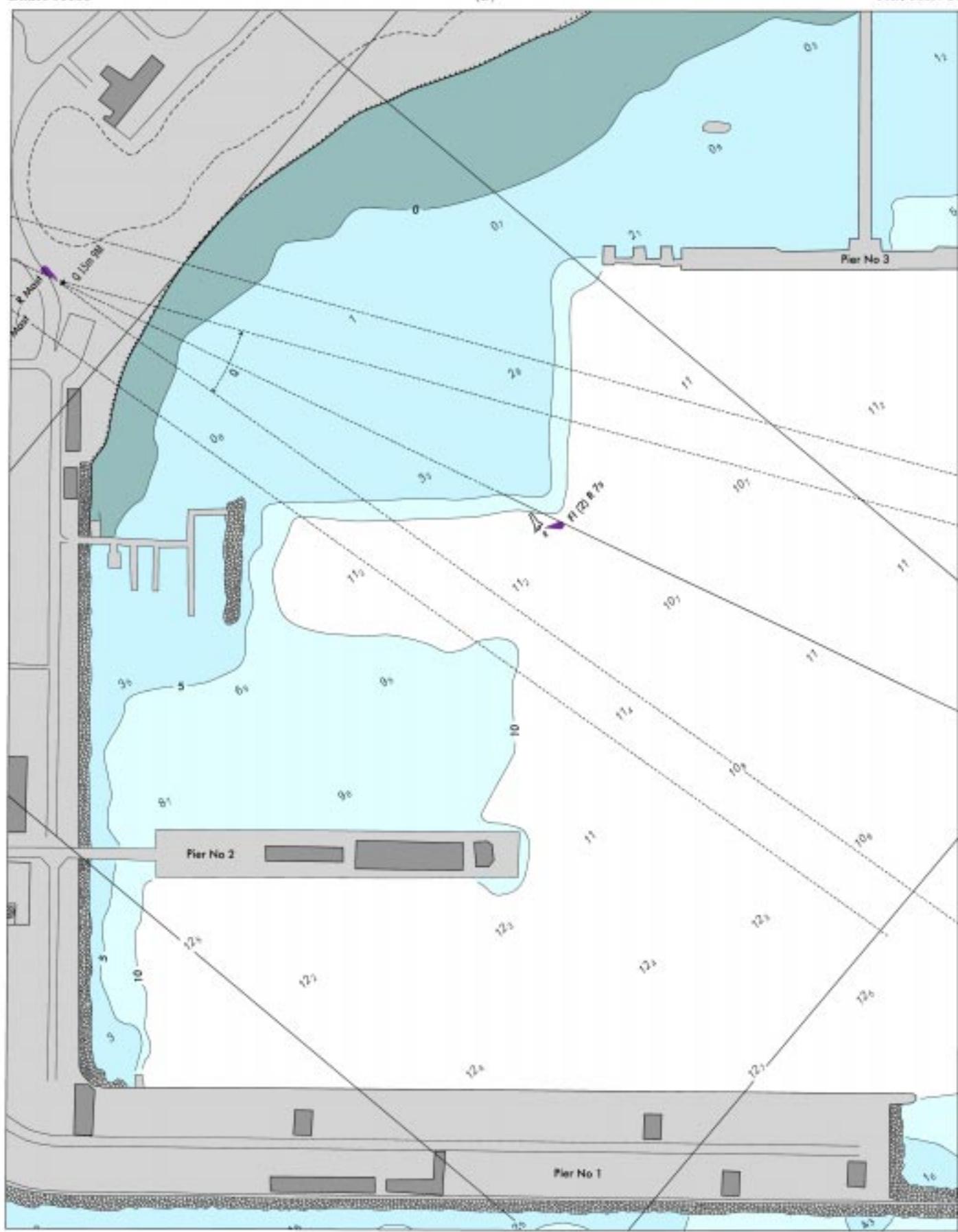
SECTION I

NM 39/03

Chart 51166

(B)

NM N39/03



CHARTS AFFECTED BY NOTICE TO MARINERS
NM 28/02 THROUGH NM 39/03

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	11310	1	N46/02;N22,N23,N32/03	11367	32	38/03*	11472	31	8*,25/03
20	3	18/03	11311	23	46/02;26/03	11368	22	38/02*,19,21,23,30,33, 34,35/03	11474	10	6,17/03
22	1	18/03	11312	3	28,36,46/02;1,6,7,22,23, 32/03	11369	44	9*,18,19,21,27/03	11475	16	51/02;13/03
50	6	32*,34/03	11313	22	31/02,22,27,36/03	11370	24	38/03*	11476	19	6,34/03
53	2	34/03	11314	22	17*,21,22,32/03	11371	36	35/03*	11478	20	32/03*
70	4	7,34/03	11315	30	37/02*	11372	30	2*,7,8,10,19,23,24,26,27, 31/03	11479	4	N28,N29,N35,N50/02; N6,N23,N25,N31, N34/03
71	4	7,34/03	11316	39	17*,22,26,29,34/03	11373	42	31*,33,37,40,41,42,45, 49/02;7,9,19,20,21,23,24, 25,26,27,29,34,36,38/03	11480	38	30/03*
72	4	7/03	11317	29	37,40,49/02;16,19,20,21, 23,26,29,30,34/03	11374	31	45*,49,50/02;1,2,7,8,9, 19,20,23,24,26,27,29,34, 36,38/03	11481	4	42*,49/02;6,12,13,19,28, 34/03
101	3	48/02	11318	1	N29,N46/02;N6,N24, N25/03	11375	35	1*,2,5,7,9,20,23,24,27, 29/03	11484	21	34/03
103	5	16/03	11319	31	17*,19,20,25,26,29,30, 34/03	11376	48	29,31,40,43,50/02;2,7,19, 20,21,22,23,24,25,26,30, 36,37,38/03	11485	33	22/03*
120	6	39/03	11320	1	N28/02;N22,N23,N24/03	11377	5	38/03*	11486	15	36/03*
124	10	18,34,39/03	11321	29	28,39,40,41,45/02;23,31, 34/03	11378	32	11*,12,18,20,21,22,24, 26,30,38/03	11488	24	7,17/03
125	7	21/03	11322	28	19*,20,23,30,34,35/03	11379	39	46/02*,9,25,26,37/03	11489	34	8*,12,20,22,31/03
126	39	21/03	11323	59	28,33,37,39,45/02;1,6,7, 9,20,23,27,29,31,34,35, 38/03	11380	49	30,32/02;9,18,26,30, 37/03	11491	33	28,29,30,34,37,38/02;12, 30,34/03
145	16	39/03	11324	32	31,33,37/02;1,6,7,9,10, 16,20,21,23,25,29,30,31, 37,38/03	11382	49	30,32/02;9,18,26,30, 37/03	11493	9	N39/02;N12,N20,N22, N31/03
200	3	37/03	11325	35	26*,38/03	11384	33	30/03*	11494	8	N39/02;N22/03
301	1	14,21,24/03	11326	31	7*,9,16,20,21,22,23,24, 30,31,33,35,38/03	11388	16	24,34/03	11496	9	N32,N35/02;N1,N17, N19,N34/03
302	1	2/03	11327	30	28,37,49/02;1,16,19,20, 22,24,29,30,33,35,38/03	11390	22	33,34,37/02;7,21,30, 32/03	11502	28	14,17,20,22/03
310	20	2,14,21,24/03	11328	22	36,37,39,47/02;4,6,16, 20,21,22,30,36/03	11391	22	33,34/02;7,21,32/03	11503	39	38*,39,43/02;12,14,17, 20,22,31/03
400	3	31,32,33,35,45/02;29,33, 34/03	11329	34	36,37,39,47,49/02;1,4,8, 10,16,21,22,30,36,38/03	11392	6	34/02;21,32/03	11504	15	12,22/03
401	5	31,33,35,45/02;14,29,33, 34/03	11330	14	2*,4,6,7,8,17,19,20,21, 22,23,27,30,31,34,35,36, 38/03	11393	20	30,35/03	11505	1	28,31,34,40,49/02;1,4,5, 11,22,34/03
411	49	19*,22,23,24,25,26,29, 30,31,33/03	11331	18	8,19,23,30,34/03	11400	34	39/02;4,9,11,12,13/03	11506	40	10*,19,22,28,34/03
500	8	33*,34/03	11332	28	42*,43,49,51/02;6,17,19, 20,23,25,31,34,35,37/03	11401	29	27/03	11507	31	9*,12,20/03
501	12	9*,10,18,21,22,24/03	11333	1	N28/02;N35/03	11402	21	30*,34/03	11508	21	10/03*
502	2	52/02	11340	68	37*,38/03	11404	21	50/02;9,19,27/03	11509	27	1,11,24/03
507	2	45/02	11341	39	14*,17,21,22,23,25,31, 34,37,38/03	11405	29	38/03*	11510	18	34/02
508	2	45/02	11342	52	27*,29,31,34,35/03	11406	11	9/03	11511	16	11/03
513	6	38/02;34/03	11343	36	37,40,49/02;4,8,17,19,20, 23,30,34,35/03	11408	28	3/03*	11512	59	10*,11,15,20,22,24,34/03
520	127	38/02;34/03	11344	35	9*,19,22,23,26,27,29,31, 34,38/03	11409	28	32/03*	11513	23	32,49/02;1,24/03
521	11	34/03	11345	31	9*,38/03	11411	14	43*,45/02;7,20/03	11514	26	37*,40,49/02;4,5,15,22, 24,34/03
523	8	34/03	11346	33	42*,43,47,49/02;4,6,7,8, 19,20,21,23,25,26,27,29, 31,32/03	11412	41	42*,45/02;1,6,7,11,12,13, 14,20/03	11516	29	37,49/02
524	12	47/02;34/03	11347	33	42*,43,47,49/02;4,6,7,8, 19,20,21,23,25,26,27,29, 31,32/03	11415	5	42*,45/02;1,2,7,14,20/03	11517	17	32/02;24/03
526	10	47/02;6/03	11348	19	6,7,20,25,27,31,32/03	11416	5	42,48/02;1,2,6,11,12,14, 20/03	11518	33	14*,19,28/03
530	30	37,38,40,52/02;6,10,18, 21,22,24,34/03	11349	40	38*,42,51/02;23,26,27, 31,36/03	11420	27	20*,21,22,25/03	11519	12	28/03*
531	21	47,52/02;21,24,32,34/03	11350	31	9*,38/03	11423	7	N39,N42/02;N4,N8,N15, N21,N22,N25/03	11520	41	38*,39/03
532	17	38/02;34/03	11351	38	20*,22,23,25,27,30,31, 34/03	11424	18	14,25/03	11521	26	32,35/02;9,19,24,28,34, 39/03
540	16	51/02;16,30/03	11352	36	3*,7,8,9,20,22,24,26,31, 34/03	11425	34	46*,49/02;4,25/03	11522	19	39/03
541	2	6/03	11353	2	35,38,43,45,49/02;4,5,7, 18,20,21,26,27,31,34/03	11426	36	38/03*	11523	21	32,35,52/02;5,9,19,24,28, 34/03
550	7	45/02;6/03	11354	24	26*,31,25,31,32/03	11427	33	2/03*	11524	46	8*,11,12,13,15,17,19,20, 22,28,34/03
601	4	6,8,27,38/03	11355	25	34/03*	11428	32	52/02*,6/03	11525	6	N39,N40,N44,N46, N51/02;N4,N6,N8,N24, N39/03
602	6	47/02;6,38/03	11356	35	42*,43,47,49/02;4,6,7,8, 19,20,21,23,25,26,27,29, 30,31/03	11429	21	47/02*	11526	10	20/03*
603	6	47/02;10/03	11357	36	38/03*	11430	25	17/03*	11527	16	37/02;20/03
604	5	38/03	11358	51	31,39,42,51/02;7,21,32, 34/03	11431	12	31/02*	11531	21	31/02*,11,39/03
605	4	6/03	11359	11	39/02	11432	12	31/02*	11532	20	37/02;39/03
606	1	17/03	11360	40	1*,2,5,6,8,19,23,24,25, 26,27,29,30,34,35,37, 38/03	11433	14	7/03	11534	32	17*,36/03
607	1	17/03	11361	70	21*,23,24,25,26,30,31, 35/03	11434	24	15,21,22,39/03	11535	12	46/02;39/03
622	9	47/02;6/03	11362	4	N28,N29,N31,N33,N36, N39,N40,N47/02;N2,N5, N6,N8,N19,N23,N24, N25,N26,N27,N29,N30, N34,N35,N37,N38/03	11435	11	7,8,21/03	11536	16	38/03*
623	8	45/02	11363	38	29,35,38,40,43,49,51/02; 4,5,7,18,19,20,21,22,24, 26,27,34,38/03	11436	25	6,7,15,22/03	11537	34	21*,23,26,35,36/03
702	5	7/03	11364	39	42*,43,47,49/02;4,6,7,8, 19,20,21,23,25,26,27,29, 30,31/03	11437	39	36/02;6,7,15,20/03	11538	18	39,44,51/02;6/03
703	4	46/02;7/03	11365	11	39/02	11438	39	36/02;6,7,15,20/03	11541	33	8*,9,14,22,35,39/03
705	3	46,52/02	11366	4	N28,N29,N31,N33,N36, N39,N40,N47/02;N2,N5, N6,N8,N19,N23,N24, N25,N26,N27,N29,N30, N34,N35,N37,N38/03	11439	21	31/02*	11542	15	39/02
707	2	34/03	11367	38	42*,43,47,49/02;4,6,7,8, 19,20,21,23,25,26,27,29, 30,31/03	11440	34	38*,39/03	11543	22	29,39/02;8,38/03
708	3	34,36/03	11368	17	52/02*,9,32,34/03	11441	35	38/02*,20/03	11544	37	36/02*,8/03
709	2	50/02;19,25/03	11369	7	48*,51/02;5,6,7,8,19,21, 22,23,24,25,26,27,29,30,34,35, 37/03	11442	16	7/03	11545	60	45*,47*,42,52/02;6,8,14,22, 23,43,35,38,39/03
1113A	20*	21,22,25/03	11370	70	21*,23,24,25,26,30,31, 35/03	11443	31	20*,22,25/03	11547	35	29,30,37,47/02;6,8,14,22, 23,35,38,39/03
1114A	39/02	4,9,11,12,13/03	11371	4	N28,N31,N33,N36,N39,N40,N47/02;N2,N5,N6,N8,N19,N23,N24,N25,N26,N27,N29,N30,N34,N35,N37,N38/03	11444	21	31/02*	11548	38	47/02*
1115A	1*	2,5,6,8,19,23,24,25, 26,27,29,30,34,35,37, 38/03	11372	4	N28,N29,N31,N33,N36,N39,N40,N47/02;N2,N5,N6,N8,N19,N23,N24,N25,N26,N27,N29,N30,N34,N35,N37,N38/03	11445	16	7/03	11550	28	17/03*
1116A	37*	38/03/03	11373	4	N28,N31,N33,N36,N37,N38/03	11446	36	32/02*,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38/03	11553	28	8/03*
1117A	28*	30,31,32,34,35,36/03	11374	40	1*,2,5,6,8,19,23,24,25, 26,27,29,30,34,35,37,38/03	11447	35	38/02*,20/03	11555	38	36/02*,7,24/03
11004	7	28,31,37,39,40,42,43,45, 47,51/02;5,6,7,8,9,14,18, 21,22,23,24,25,26,27,29, 30,32,33,34,36,37,38/03	11375	40	1*,2,5,6,8,19,23,24,25, 26,27,29,30,34,35,37,38/03	11448	14	7/03	12200	47	38*,42,52/02;7,12,18/03
11006	30	28*,36,39,40/02;6,2,6,19, 21,23,24,25,27,29,33, 35/03	11376	4	N28,N29,N31,N33,N36,N39,N40,N47/02;N2,N5,N6,N8,N19,N23,N24,N25,N26,N27,N29,N30,N34,N35,N37,N38/03	11449	16	7/03	12201	25	N42,N52/02;N7,N12,N18,N24,N32/03
11009	36	32,35,44,51/02;6,12,19, 39/03	11377	39	3*,4,5,8,9,18,19,21,23, 25,26,27,30,33,34,35/03	11450	8	28/02;15,22,25,39/03	12204	35	10*,33/03
11013	45	38/03*	11378	17	52/02*,9,32,34/03	11451	31	20*,22,25/03	12205	27	37*,43,52/02;18,28, 33/03
11300	39	28*,30,31,32,34,35,36/03	11379	7	48*,51/02;5,6,7,8,19,21, 22,23,24,2						

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 28/02 THROUGH NM 39/03

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.
12214	44	14*,19/03	12363	39	28,44/02;6,23,27,32, 36/03	13313	19	41,49,52/02;6,9,36/03	14246	6	39/03**
12216	27	47/02*;19/03	12364	34	20*,23,25,27,32,36,39/03	13315	11	49/02*	14247		N39/03*
12221	74	35/03*	12365	26	6,23/03	13316	22	28/03*	14249		N39/03*
12222	44	26*,28,33,34/03	12366	27	51/02;20,27/03	13318	18	38*,41,52/02;5,6,21/03	14259	3	32/03
12224	23	8*,33/03	12368	26	42/02*;24,25/03	13321	9	20/03*	14260	47	39/03**
12225	54	22*,33/03	12369	25	31*,44/02;32,35,36/03	13323	7	5/03	14263	15	26,32,34/03
12226	16	30/02;7/03	12370	18	39/02*	13324	13	41,52/02;2/03	14280	37	35/02
12228	29	43/02*	12371	23	27/03*	13325	14	2,29/03	14310	2	52/02;12,30/03
12230	60	30*,34/03	12372	31	45*,47,48/02;2,5,6,23,25, 36/03	13326	12	41,43/02	14329	5	32/03
12231	26	31,35,46/02;7,30/03	12373	14	2/03	13329	2	6/03	14340	25	33,37,40,52/02;12,22, 30/03
12233	35	3*,4,5,6,14,34/03	12377	14	37/02	13394	3	39/02*;9,21/03	14341	5	12,34/03
12235	29	30,31,47/02;4,6,7,17, 33/03	12378	14	21,13,23/03	13396	4	9,19,21/03	14342	20	52/02;30/03
12237	26	47/02;17,25,34/03	12401	7	31*,47/02;2,13,33/03	14002	57	32,34,36,37/03	14344	2	37,40/02
12238	37	46/02*;1,4,7,19,25,34/03	12402	8	31*,33,47/02;13,34/03	14003	6	48,49/02;5,9,12,29,39/03	14345	5	37,40/02;12,22/03
12241	21	34,44/02;7,34/03	13000		N48,N49/02;N21,N26, N29/03	14007		N38/03*	14354	2	32/03
12245	62	30*,33,34/03	13003	47	36*,39/03	14008	76	38/03**	14357		N52/02
12248	39	30,33,40,50/02;4,5,6,8, 15,22,30,33/03	13006	31	36*,39/03	14010	5	35/02;26,32/03	14358		N36/02;N34/03
12251	23	35/02;4,6,7,15,26/03	13009	30	42*,48,49/02;1,9,18,23, 35/03	14024	5	33,36,39/02;12,22,36/03	14360	36	33,36/02
12252	23	33,34/02;4,7,10,15,17,30,	13200	33	37,48/02;7,9,18,36,39/03	14040	65	40/02;34/03	14373	2	34/03
12253	43	35/03*	13201	10	N37,N48/02;N9,N18, N36,N39/03	14041	12	34,36/03	14386	3	36/02
12254	43	38*,44/02;30,34/03	13203	12	37/02	14042	3	34/03	14415	4	33/02;36/03
12255	15	44/02;30,34/03	13205	36	37,42,45,48/02;1,5,23/03	14043	7	21,26/03	14500	27	52/02*
12256	13	33,44/02;24,30,34/03	13209	23	37/02;23/03	14044	44	6/03	14758		N32/03
12261	28	37*,44/02;7,18,22/03	13211	13	47/02	14046	27	6,9/03	14769		N31/02*
12263	52	35/03*	13212	35	9*,13,36/03	14047	17	32,36/03	14773	16	26/03
12264	28	38/02*;7/03	13213	40	14*,25,36/03	14048	19	41/02*;34/03	14774	16	15/03
12266	27	30/02;20,30/03	13214	27	34*,45,48/02;5,0/03	14049	29	41/02*;34/03	14775		N31/02*
12270	32	9*,18,24,25,33/03	13215	17	45,48/02;1,5/03	14050	2	33/02	14776		N31/02*
12272	29	36,45/02;13,16,30,33, 38/03	13216	1	N48/02	14051	6	41/02*	14777		N31/02*
12273	53	31,36,45,45/02;5,15,17, 19,30,33,38/03	13218	38	29,42,45,51/02;5/03	14052	42	32/03	14803	26	5/03
12274	33	37*,50/02;5,15,17,30, 33/03	13222	53	29,44,51/02;2,5,7,27/03	14053	7	14,32,34/03	14823	30	1/03*
12277	32	35/03*	13223	36	52/02;2/03	14054	5	32/03	14826	27	4/03*
12278	72	36,45/02;19,25,30,33, 38/03	13224	36	44/02;5,27/03	14055		N38/03*	14830	30	31*,34/03
12280	3	37*,43,45,46,47,50, 52/02;1,6,7,18,28,33, 38/03	13226	5	44/02;6,7/03	14056	29	38/03**	14832	34	52/02*
12281	49	12,19,25,38/03	13228	11	51,52/02	14057	2	32/03	14835	31	39/02
12282	33	31*,44/02;7,8,18,19,25, 33/03	13230	46	2*,7,19/03	14058	42	32/03	14836	27	42/02*
12283	24	8,18,25/03	13232	4	39,42/02	14059	7	14,32,34/03	14837	27	3/03
12284	15	7/03	13233	16	10,39/03	14060	19	2,38/03	14838	3	52/02*
12285	35	11*,14,19,22,34,36/03	13236	29	45/02;1,7,19/03	14061	2	32,38/03	14839	36	9/03*
12286	29	2*,4,6/03	13237	4	39,42/02	14062	2	36,38/03	14842	12	39/02;2,4/03
12289	48	10*,19,22/03	13238	18	3*,8/03	14063	2	36/03	14843	22	39,51/02
12300	43	19*,39/03	13260	39	36*,39/03	14064	15	38/03**	14844	31	4/03
12301	21	N28,N29,N37,N39,N42, N45/02;N5,N17,N39/03	13263	7	N36,N43,N48,N49/02; N1,N7,N9,N18,NP21, N23,N26,N29,N36, N39/03	14065	42	32/03	14845	26	4/03
12304	43	21*,26/03	13264	103	36,49/02;9,P21,26,29, 39/03	14066	7	14,32,34/03	14846	11	39,40/02;2/03
12311	42	38/03*	13267	30	52/02;1,7,9,36/03	14067	2	38/03**	14847	30	40/02
12312	52	10*,15,24,32/03	13270	59	33,34,40,43/02;1,2,7, 12/03	14068	2	36,38/03	14848	56	31/02;9,17,21,22/03
12313	49	35/03*	13272	47	28,40/02;8,25,35/03	14069	2	37/03	14850	51	7,21/03
12314	30	46*,50/02;5,25,33,35/03	13274	24	45,52/02;1,2,16,32,39/03	14070	15	38/03**	14852	45	19*,21/03
12316	29	2*,6,32/03	13275	27	45,52/02;1,2,7,16/03	14071		N38/03*	14853	14	26/03*
12317	31	37,50/02	13276	20	38/03**	14072	15	38/03**	14854	13	17/03
12318	41	9*,32/03	13277	47	28,40/02;8,25,35/03	14073	21	38/03**	14864	26	37/02
12323	23	40/02;4/03	13278	24	45,52/02;1,2,16,32,39/03	14074	7	38/03**	14865	16	4/03
12324	30	2*,8/03	13279	47	52/02;1,2,7,16/03	14075	2	38/03**	14867	26	39/03*
12326	49	35/03*	13280	22	36/03/*	14076	15	38/03**	14871	2	34/03
12327	96	1*,2,8,12,13,14,16,18,19, 23,29,33,34,36/03	13281	25	1,9,32,39/03	14077	21	38/03**	14873	2	35/02
12331	30	8*,13,14,18,33/03	13282	11	21*,39/03	14078	21	38/03**	14880	30	33/02;4/03
12332	21	43,46/02;13,18/03	13283	18	1,9/03	14079	20	34/03	14881	31	28*,33/02
12333	32	46*,47/02;5,12,16,18,23, 29/03	13285	10	20/03	14080	28	38/03**	14885	20	51/02
12334	66	30*,34,36/03	13286	29	39*,40,50/02;1,9/03	14081	15	38/03**	14890	14	52/02*,5/03
12335	39	1,8,23/03	13288	40	29,36,43,50,51/02;29/03	14082	26	40,46/02	14902	28	31/02;4/03
12337	22	28,31,45/02;13,18/03	13290	35	39/03/*	14083	16	46/02	14903	23	31/03*
12338	9	21/03/*	13292	36	36,40/02;7,16,29/03	14084	18	49/02/02;5,0/03	14904	25	31,32,46/02
12339	43	23/03	13293	33	29,43,51/02;14,27/03	14085	18	49/02/02;5,0/03	14905	29	31,35,37/02;5/03
12341	26	36/03*	13295	11	2*,14/03	14086	14	49/02/02;5,0/03	14906	23	5/03
12343	18	37/02*;7,21,27/03	13296	25	43/02;27/03	14087	17	39/03**	14910	23	17/03*
12345	10	42/02*;21/03	13298	10	43,52/02	14088	32	39/03**	14911	20	4/03
12347	29	27,29,35/03	13301	20	33,51/02;23/03	14089	28	39/03**	14912	17	31/03*
12348	33	27,29,34/03	13302	21	41/02;2,7,9,32/03	14090	18	49/02/02;5,0/03	14913	18	31/03*
12350	57	39*,49/02;29/03	13303	12	48/02*;7,9/03	14091	15	49/02/02;5,0/03	14915	25	28/03*
12352	29	34/02;17,39/03	13305	28	40,41,49/02;2,7,9,36/03	14092	10	45/02*,17/03	14916	10	45/02*,17/03
12353	17	39/03	13307	10	23,28/03	14093	13	43/02;36/03	14917	23	3/03
12354	40	38/03*	13308	11	40/02	14094	8	39/03**	14918	26	17/03
12358	19	46*,49/02;1,7,10/03	13309	28	42/02*;9,32/03	14095	5	39/03**	14922	19	51/02;9/03
12352	16	49/02	13312	21	10/03*	14096	4	39/03**	14924	27	28*,32/02;5/03
						14097	13	49/02/02;5,0/03	14926	10	32/03*
						14098	24	45/02	14927	24	31,32,35,37/02
						14099	21	4/03*	14928	21	4/03*
						14100	24	14/03*	14929	24	14/03*
						14101	24	45/02	14930	24	45/02
						14102	23	14/03*	14931	24	35/02*
						14103	23	26/03*	14932	23	26/03*

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 28/02 THROUGH NM 39/03

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.
14933	24	35*,37/02	16702	11	37/03*	18000	8	45/02;6,10,21,36/03	18523	53	33/02;4,12/03
14934	27	17*,26/03	16705	19	49/02;16/03	18002	6	N45/02;N2,N6,N10,N21, N36/03	18524	33	28,31,33/02;4,6,10,24, 29/03
14937	24	52/02*,2,17/03	16707	10	34,37/02;16,20/03	18003	19	22/03*	18525	33	28,31,33/02;4,9,29/03
14942	25	35/02	16708	25	37,49/02;16,20/03	18005	4	N34/02;N6,N10,N13, N21,N26/03	18526	55	28,31,33/02;4,18,29/03
14963	20	51/02	16709	22	49/02	18006	3	N6/03	18527	21	31/02
14965	21	11/03*	16712	1	16/03	18007	31	33,34,37,38,39,40,47, 52/02;18,22,24,26,35/03	18528	10	52/02*,18/03
14966	25	14*,21/03	16713	2	49/02	18008	7	N33,N34,N37,N38,N39, N40,N47,N52/02;N18, N22,N24,N26,N35, N37/03	18529	10	52/02*
14967	22	5/03	16741	9	46/02	18009	2	N34/02;N6,N13,N26/03	18531	20	31,34/02;9,10/03
14970	25	40,46,51/02	16760	10	51/02;28/03	18010	20	33,34,37,38,39,40/02;6, 13,26,33/03	18532	20	10/03
14973	27	15/03*	16761	16	28/03	18020	36	34,37,45/02;6,10,13,21, 26,36/03	18534	5	8/03*
14974	24	32/02	17003	4	47,52/02;24,35,36/03	18021	33	34,37,45/02;6,10,13,21, 25,33,35,36/03	18535	37	39/02
14975	33	52/02*	17005	10	41,45,47,52/02;24,34, 35/03	18040	43	2*,6,16,18,22,30,32,36, 37/03	18536	11	33,39/02;10/03
14995	11	52/02*	17008	12	43/02;36/03	18041	12	34/03	18538	21	33,38,39/02
15043	3	34/03	17300	30	52/02*,21,39/03	18045	12	43/02;16/03	18581	17	49/02*,4,36/03
15044	3	34/03	17302	18	51/02	18406	5	16/03	18583	38	31,33,42,49/02;12/03
15066	5	32/03	17303	9	37/02	18411		N16,N20/03	18584	47	30,39,49/02;4,6,30/03
15313	1	15/03	17303	13	2*,16,21,25/03	18412	10	20/03	18587	68	30,33,39,42/02;4,6,9,10, 21,27,36/03
15562		N41/02;N16/03	17315	23	2*,16,21,25/03	18413	15	20,22/03	18588	37	22*,36/03
15569		N23/03	17316	20	28/02*,3,25/03	18403	21	6,20/03	18600	14	33,37,38,40/02
15570		N23/03	17318	5	39/03	18405	12	43/02;16/03	18601	13	10/03
15585		N14/03	17320	15	13,29,34,39/03	18406	5	16/03	18602	12	26/03*
15690		N35/03	17323	10	13,22,29,39/03	18411		N16,N20/03	18603	16	9*,10/03
15744		N30/02	17324	13	39/03	18412	10	20/03	18620	23	35/02*
15880		N41/02	17325	7	29/03	18413	12	34/03	18622	52	28,49/02;21,25,27,35/03
15954		N47/02*	17327	20	5/03	18414	9	20/03	18623	11	34/02
16003	16	13,36/03	17360	33	31*,36/03	18415	8	42/02;7,22,32,39/03	18626	15	37/02;10/03
16004	11	13,17/03	17382	15	20*,36/03	18416	6	P44,48/02;22/03	18640	24	26,38/03
16005	9	36/03	17383	1	31*,49/02;8/03	18418	6	15/03	18643	17	26,38/03
16006	33	6,32,35,36/03	17384	7	44/02	18419	11	47/02;12/03	18645	24	50/02;33,38/03
16011	35	38/02;8,29,31,32,35/03	17385	14	14/03*	18420	1	22/03	18650	51	28*,33,38,41/02;4,21,26,
16012	21	38/02;34/03	17400	16	36/02;10,12/03	18421	45	2*,18,20,22,32,36,37, 39/03	18651	42	15/03*
16013	28	29,52/02;21,29,32,34, 35/03	17401	10	1,36/03	18423	33	1*,5,7,9,15,18,30,32,34, 36,38,39/03	18652	32	36/03*
16016	19	34/03	17402	14	12,25/03	18424	25	7/03	18653	9	36,38,41/02;4,6,21/03
16042	7	39/02*	17406	6	25/03	18427	21	35/02*,7,19/03	18654	42	28*,38,49/02;12,16, 35/03
16061	8	37,49/02;13,17/03	17409	10	39/02*	18429	9	3*,22/03	18655	58	49/02;12,16/03
16200	13	36/03	17413	2	43,50/02;10/03	18430	7	28/02*,6,7,22/03	18656	53	19*,21,33/03
16220	5	36/03	17414	3	41/02	18431	6	2/03*	18657	18	30/02;4,21/03
16300	8	52/02;3,8/03	17416	3	10,14/03	18432	5	14/03*	18658	29	4,21,33/03
16305	9	8/03	17420	26	36,37,42,43,50/02;1,10, 12,14,20,36/03	18433	5	2*,22,32,36/03	18659	14	30,49/02;7,16,21/03
16322	7	8/03	17430	10	5,36/03	18434	4	P44,48/02;6,9/03	18660	2	29/03*
16363	12	38/02*	17442	8	52/02*	18440	26	3*,15,18,22,28,30,32,34, 38/03	18661	27	15*,16/03
16381	8	8,25/03	17426	13	37/02;1,16,20/03	18441	43	39/03*	18662	20	30/02;7/03
16440	13	37/02	17427	7	21,36/03	18443	15	39/02;6,34/03	18663	5	14/03*
16441	7	37/02	17428	7	5,36/03	18444	15	39/02;34/03	18666	1	21,33/03
16442	6	37/02	17429	2	N38/02*	18445	29	28,32,33,39/02;6,7,9,10, 15,18,22,25,28,34,36, 38/03	18680	30	6,13,33,35,38/03
16480	10	38/02,34/03	17430	10	5,36/03	18446	15	6,7,9,18,19/03	18685	32	36/03*
16500	9	9,33/03	17434	11	5,36/03	18447	26	52/02;6,7,10,18/03	18687	13	8/03*
16520	21	2,31,33/03	17436	6	20/03	18448	32	33/02;10,15,22,34,36/03	18700	21	34,36,37/02;4,6,10,13,21, 33/03
16528	16	9,33/03	17437	8	21/03	18449	17	7,34/03	18703	24	36,37/02;4,27,33/03
16529	14	50/02;9,33/03	17438	12	50/02;10,14,15,21,36/03	18450	17	9/03*	18704	12	37/02
16530	6	50/02;33/03	17441	7	10,15/03	18452	16	34,38/03	18720	31	35/02;4,6,10,12,25/03
16535	12	2,21,31/03	17443	12	10/03	18453	24	14*,25,36,38/03	18721	11	35/02;6,10,39/03
16549	14	4,16/03	17445	2	10,14,36/03	18455	15	N39/02;N9,N15,N38/03	18723	3	6/03
16553	3	17/03	17446		N10/03	18456	15	6,7,9,18,19/03	18724	1	22*,25/03
16556	4	8/03*	17460		N5,N36/03	18457	26	52/02;6,7,10,18/03	18725	27	32/03*
16561	1	29,35/03	17465	4	6,12/03	18458	32	33/02;10,15,22,34,36/03	18740	39	34,37,45,50/02;5,6,12,25, 27,35/03
16566	10	29/03	17470		N23/03	18459	17	7,34/03	18741	18	N45,N50/02;N12,N27, N38/03
16568	12	39/02*	17471		N6/03	18460	11	2*,6,7/03	18744	30	37/02;35/03
16575	1	39/02	17472	4	5,14,36/03	18464	23	24*,30/03	18746	34	34/02;5,13/03
16576	3	42/02;6/03	17480	4	43/02;5,10,36/03	18465	35	2*,15,30/03	18749	38	40/02;5,6,16,21,26,28,31, 39/03
16580	11	39/02	17482		N7,N14/03	18466	17	7/03	18751	42	40/02;5,6,16,21,26,28,31, 39/03
16590	10	38/02*	17489	19	43/02	18467	4	32,39/02;7,9,28,34,38/03	18754	17	39/03*
16592	9	16/03	17495	2	43/02	18468	15	19*,28,34,38/03	18757	10	13/03
16593	11	14/03*	17503	4	43/02	18469	5	30*,32,39,42,49/02;9,21, N32,N39/02;N9,N15,N28,N34,N38/03	18758	6	35/02*,16,33/03
16594	13	2/03	17513		N42,N43/02;N15/03	18470	29	2*,6,7/03	18760	6	N34,N35,N45,N50/02; N6,N25,N35,N36/03
16595	14	2/03	17515	7	6,15,16,36/03	18471	9	36/03*	18765	15	45,50/02;12,27/03
16596	12	39/02*	17517	8	6,15,16,34/03	18473	7	4*,18,19,34,38/03	18766	7	45,50/02;12,27,36/03
16597	8	43/02	17518	7	P44,48/02;16,18,20/03	18474	7	45/02*,7,10,15,22,25,34, 36,38/03	18768	4	N45,N50/02;N12,N27, N36,N38/03
16598	9	43/02	17519	13	16/03	18475	1	35/03	18772	47	21/03*
16599	6	43/02	17520	2	N6,N16,N34/03	18476	4	32,39/02;7,9,28,34,38/03	18773	38	50/02;10,12,13,27,33/03
16603	7	42/02;6/03	17521		N15/03	18477	17	7/03	18774	10	35/02*,10,16/03
16606	11	37/02*,21/03	17522		N15/03	18478	29	2*,6,7/03	19002	9	N37,N51/02;N16,N23, N29/03
16608	3	6/03	17523		N15/03	18479	1	35/03			
16640	24	21/03	17524		N12,N15/03	18480	29	2*,6,7/03			
16646	12	8/03	17525		N15/03	18481	10	28,40/02;15,29/03			
16660	28	29,42/02;6,16/03	17526		N15/03	18482	15	2*,10,29/03			
16662	6	29/02	17528		N43/02;N6,N12/03	18483	15	28,39/02;12,22,28/03			
16663	6	29,42/02;6,16/03	17541	3	43/02	18484	10	28,40/02;15,29/03			
16665	7	29,42/02;6,16/03	17542	6	47/02	18485	15	28,39/02;12,22,28/03			
16680	10	6,32,37/03	17543	17	41/02	18500	28	32,39/02;12,22,28/03			
16681	10	37/02*	17545	13	43,47/02	18502	84	30*,32,39,42,49/02;9,21, N22,N24,N26,N35			

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 28/02 THROUGH NM 39/03

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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.
19004	36	35,37,51/02;23,29,30/03	22036	28	47/02	22401	4	N23*,N30/03	24171	19	5,6,37/03
19007	16	51/02;16,23,29,30/03	22050	4	12,26/03	22403	1	N45/02	24172	4	5,6/03
19008	4	16,23,29/03	22051	18	28/02	22404	15	46/02	24180	15	8/03
19009	4	16,23,29/03	22052	6	28,46/02;25,34/03	22406	1	N1/03	24202	6	31,35/03
19010	17	45*,51/02;23,29/03	22080	3	32/02	22407	1	N4,N11,N18,N30/03	24220	14	28/02;39/03
19013	16	51/02;29,30/03	22082	4	13,25,38/03	22408	1	N10,N21/03	24222	3	39/03
19019	9	28/03*	22084	4	42/02;35,37/03	22409	4	N45/02;N10,N17,N22/03	24223	33	39/03
19320	16	35,37,51/02;5,16,23/03	22090	2	30,32,43/02;4,17/03	22410	32	43,44,46/02;19,23/03	24230	20	30/02
19324	22	35/02;5,23/03	22100	3	32/02;12/03	22413	1	N45/02;N22/03	24233	15	36,43/02
19327	10	23/03	22101	19	32,43/02;37/03	22417	1	N10,N25/03	24234	3	30/02;35/03
19330	9	27/03	22102	19	17/03	22418	2	36,44,46/02;19/03	24240	5	30,39/02;7,39/03
19331	7	23/03	22109	3	17/03	22420	2	4,11,15,19,30/03	24250	5	30,39/02;7,39/03
19339	1	N35,N49,N51/02;N5, N13,N30/03	22111	4	32/02;17/03	22421	4	N43,N44,N46/02;N11, N23,N25,N26,N27/03	24251	23	34,43/02;6,39/03
19340	26	35,49,51/02;5,13,29,30, 36/03	22113	8	30/02;12,17/03	22423	3	N11,N25,N27/03	24252	5	30,39,43/02;6,39/03
19347	17	29/03	22114	5	32,42,43/02;17,33,37/03	22424		N27/03	24260	5	34/02
19348	7	29/03	22117	3	37/03	22425	2	44,46/02	24270	3	17,29/03
19353	12	27/03	22120	3	30,34,36,39,41,43,52/02; 29,32/03	22427	1	N43,N44,N46,N50/02; N11,N23,N25,N26/03	24271	14	17,29/03
19357	22	42*,49,51/02;5,13,30, 36/03	22121	9	30,34,36,44,52/02,29, 32/03	22429		N19,N27/03	24274	2	17,29/03
19358	20	28/02*	22124	2	34,52/02;6,29,32/03	22430	6	19/03	24290	3	36,43/02
19359	10	12,16/03	22125	1	36/02	22433	3	39,47/02;11,14,35/03	24291	4	36/02
19360	1	N37,N51/02	22126	1	36/02	22434	2	35/03	24292	4	36/02
19361	7	30/03	22130	2	44/02;14,17,29,32,38/03	22436	2	39/02;10,14/03	24293	6	32,36/02;37/03
19362	12	49/02	22138	2	41,44,48/02;6/03	22440	1	19/03	24294	22	36/02;37/03
19366	36	31,49/02;5/03	22140	2	30,34,36,44/02;25/03	22446		24321	3	6/03	
19367	37	31,49/02;10/03	22142	2	39,41,43/02;25/03	22471	31	44/02	24322	6	28,34/02;6,17/03
19369	5	31,49/02;10,36/03	22143	4	26*,29/03	22481	35	43,44/02;19/03	24350	2	31,51/02;18/03
19379	1	N51/02;N5,N13,N30/03	22145	2	N41/02;N25/03	22482	16	44,50/02;23/03	24355	2	51/02;25,37/03
19380	14	51/02;5,13,30/03	22160	2	30,34,39,41,48,52/02; 25/03	22501		24360	1	25/03	
19381	8	49,51/02;26/03	22170	3	30,39/02;6/03	22521	3	12,17,34/03	24370	1	34/02
19382	15	26/03	22172	8	48/02*;4,6,29/03	22523	3	12,17,34/03	24375	2	34/02;38/03
19383	17	49/02;5/03	22173	36	48/02*;6,17,29/03	22529	3	12,17,35/03	24376	1	38/03
19401	8	10/03*	22180	2	30,34/02;32/03	22531	2	12,17,35/03	24380	2	35/02
19402	6	9/03*	22181	16	39,41/02;29/03	23010	4	38/02	24388	2	35/02
19421	7	8/03*	22182	6	30,34/02;14,29/03	23020	4	22/03	24404	8	35,44,48/02
19441	7	28/03*	22183	3	32/03	23030	6	38/02;21,22,37/03	24405	10	35,36,44,48/02
19442	5	14*,26/03	22190	2	30/02;29/03	23121	7	30/02;17,20/03	24406	30	2/03
19461	7	10/03*	22195	2	12,18/03	23122	8	30,33/02	24408	21	36,44,48/02
19483	6	11/03*	22205	2	12,18/03	23123	3	30/02	24410	2	44/02
21005	5	45/02;2/03	22221	20	12,31,34/03	23124	3	N30/02;N17,N20/03	24430	5	39/02;8,11,31/03
21008	62	39,42,43,50/02;1,2,36/03	22222	1	4,12,31/03	23125	4	30/02;17/03	24431	14	39/02;31/03
21011	5	2/03	22225	2	12,18/03	23131	7	31/02;12,22/03	24434	4	39/02
21014	72	42,50,52/02;2,3,4/03	22233	29	13,18,25,37/03	23141	7	34/02;22,37/03	24450	3	26/03
21017	50	41,50/02;4,5,6,9/03	22250	2	42/02;12,18/03	23142	10	8,37/03	24453	5	26/03
21020	42	41/02;5,6,7/03	22251	11	12,28/03	23145	3	37/03	24454	5	5,26/03
21021	3	45/02;13/03	22259	4	20,24/03	23150	10	37,52/02	24460	4	39,47/02;15,29,32/03
21023	41	34/02;7,8,9/03	22263	1	26,37/03	23151	3	12/03	24461	4	16,38/03
21033	46	32/02;1,16/03	22264	2	42/02;13,18,20,24,26, 37/03	23152	3	37/02;12/03	24462	5	47/02;16,29/03
21036	7	1,16/03	22275	3	42/02;12,18,26/03	23153	8	31/02;12,13/03	24463	6	39/02;12,15,25,26,38/03
21120	27	47,50,51,52/02	22281	9	12,18/03	24000	39	29/02	24464	6	33,47/02;38/03
21121	18	47/02	22282	17	12/03	24004	36	29,30/02	24469	1	46,47/02;13/03
21122	5	47/02	22283	3	N12/03	24016	53	30,39/02	24470	4	28,39,47/02
21125	13	51,52/02;36/03	22284	7	N10,N38/03	24024	46	18,25/03	24471	8	28,47/02
21126	1	50/02	22289	4	18,30/03	24028	6	48/02	24480	1	41,44,45,49/02;24,27/03
21140	1	45,50/02;12,27,36/03	22293	15	18,26,37,38/03	24050	11	31,34,38,49/02;20,31,32, 33/03	24482	2	49/02;31/03
21141	23	48/02	22294	15	12/03	24052	15	31,37,38/02;14,19,21, 30/03	24483	2	49/02
21160	1	45/02	22305	2	18,24,30,34/03	24053	16	19/03	24484	3	49/02;31/03
21161	19	43,48/02	22311	19	8/03	24055	6	37,49/02;14,19,21/03	24490	3	31/02;25,27/03
21180	1	2,7/03	22312	2	13,30/03	24057	4	31,38,49/02;20,30,33/03	24491	3	31/02;27/03
21182	34	39/02	22313	2	44/02;8,18,38/03	24058	2	31,32,37,38/02;19,22,28, 29,30/03	24492	20	31,46/02
21200	1	2/03	22314	1	44/02	24060	2	34/02;17,32/03	24493	2	49/02;31/03
21301	13	3,12/03	22322	11	33/03**	24080	5	29/02;17/03	24501	3	27/03
21342	28	41,44/02	22331	2	N10,N19,N24/03	24091	6	6,21/03	24502	6	46/02;27,34/03
21384	3	6/03	22335	4	19/03	24092	14	6/03	24504	7	41,45,46/02
21401	20	7/03	22341	9	43/02;11,21,29/03	24100	5	29/02	24508	3	22/03*
21441	27	34,44/02	22342	9	21,29/03	24101	3	37,41/02	24509	2	45,50/02;15,25,34/03
21478	3	9,16/03	22343	1	N43/02;N10,N11,N21/03	24102	3	37,41/02	24510	2	41,45,46,50/02
21482	1	36/03	22344	6	N23/03*	24110	3	29/02;35/03	24511	2	24/03
21510	1	9,16/03	22345	11	42/02;24/03	24130	14	29/02;5/03	24512	3	29,44,46/02;24,25,38/03
21520	1	29/03	22347	6	N23/03*	24133	6	31/03	24513	18	46/02;38/03
21521	14	29/03	22351	1	N43/02;N12,N35/03	24140	18	32/02	24517	2	46,49/02;25/03
21525	19	38/03	22352	6	12,19,24,35/03	24141	4	5/03	25001	7	15/03
21563	3	45/02	22360	2	19/03	24142	3	5,6/03	25017	5	15,25,31,34,39/03
21601	4	31/03	22361	2	N10,N30,N32,N33, N34/03	24149	1	32/02	25018	9	15,25,31,34,39/03
21602	1	28/02	22370	2	15,19,26,30,33,34/03	24150	27	29,30,32/02	25040	1	35,48/02
21603	9	5,31,36/03	22371	5	30,32,33/03	24151	4	29,32/02	25480	1	42,46/02
21605	7	31/03	22373	1	N50/02;N10,N24,N30, N32,N33,N34/03	24152	2	30/02	25485	45	36/03
21661	12	6/03	22375	1	N10,N13/03	24153	6	30/02;39/03	25487	2	36/03
22004	38	30,32,34,36,39,41,43, 52/02;16,29/03	22377	1	N50/02;N10,N30,N32/03	24160	21	28/02	25524	43	33/02;1,5,20,24,26,32/03
22008	35	30,34,36,39,41,43,44,48, 52/02;6,14,17,29,32, 38/03	22379	1	N50/02;N10,N30,N32/03	24161	11	42/02;7,28,32,39/03	25525	17	1,5,26/03
22012	31	30,34/02;6,29,32/03	22381	1	N43/02	24162	9	42/02;6,7,28,32,39/03	25526	2	33/02;24,32/03
22032	20	19/03	22395	2	42/02;15,19,22,26,30/03	24164	6				

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 28/02 THROUGH NM 39/03

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.
25570	3	31/02;16/03	27183	8	1,9/03	35279	3	38/02	37095	3	28,32/02;1,7,9,11,14,15, 16,20,22,32,39/03
25575	4	31/02;35,39/03	27186	8	1,9/03	35299	9	13/03	37103	9	29/02
25600	47	25,27/03	28004	1	45/02;8,9,22/03	35301	6	17/03	37104	3	41/02
25607	4	39/02	28006	1	8/03	35302	7	17/03	37106	4	32/03
25608	21	16,26,34,38/03	28050	3	28,34/02;26/03	35303	7	40/02;17/03	37110	11	28,29,47/02;20,25,31,32, 39/03
25609	5	30/02	28084	4	17/03**	35308	5	10/03	37112	1	47/02
25613	2	30/02;25,27/03	28150	3	8/03	35330	2	38,41/02	37115	2	28,29,33,47/02;7,25,31, 32,39/03
25640	40	28/02*;15,25,31,34, 39/03	28154	2	38/03	35350	2	38,41/02	37119	2	43/02
25641	26	30/02	28162	29	28/02	35400	11	30/02	37120	2	29,39,42,49,51/02;4,6,21, 23,24,25,26,27,30,32, 39/03
25644	13	20/03*	28164	17	28/02	35402	3	38/02	37121	11	29,31/02;25/03
25646	7	N42/02	28190	2	41,43,45,46/02;18/03	35420	13	30/02	37122	12	48/02;19,31/03
25649	18	30,35/02;4,31/03	28196	4	41,43,45/02;18/03	35421	14	31/02	37123	9	49/02;6,20/03
25650	33	30/02;25,30,31,39/03	28197	4	45/02;18/03	35423	6	31/02	37125	15	42,49/02;6,9,20/03
25653	13	8/03*	28202	22	41,44/02	35424	3	30/02	37126	8	41/02
25659	9	20/03*	28210	2	33,35,39,41/02	36005	2	28,34,36,38,45,46/02; P12,14,17,24,25,27, 31/03	37127	11	49/02;4,6,20/03
25663	27	17,30,39/03	28220	2	35,39/02	36010	27	38/02;5,15,16,20,23/03	37129	6	39,42,49/02;4,6,20,23,24, 30/03
25664	15	17,30,39/03	28221	18	33,37,39/02;5/03	36015	2	36,46/02;27/03	37133	4	44/02
25666	17	17/03	28223	4	35,39/02	36040	16	30/02;1,15/03	37134	5	38/02
25667	20	15/03	28260	30	35,37/02	36046	5	38/02	37136	6	38,46,50,51/02;30/03
25668	18	48/02;13,34/03	28263	3	35,37/02	36060	17	31,38/02;5,8,20,21/03	37137	6	46,48/02;30/03
25670	41	38,48,49/02;4,5,13,20/03	28265	3	37/02	36061	5	46/02;20/03	37139	8	1/03
25671	18	21/03*	28281	32	36/02	36062	11	40*/46/02	37140	33	29,31,35,49,51/02;4,6,16, 24,25,30,32/03
25673	15	28,42/02	28282	2	35/02	36098	6	5/03	37141	29	36,40,48,51/02;1,4,12,17, 19,24,27,31/03
25675	9	20/03*	28300	1	39,50/02	36102	6	13/03	37145	23	46,50/02;4/03
25677	20	32*,39/03	28302	16	31,33,39,40/02;12/03	36103	9	13/03	37147	15	35,36,40/02;1,10,12,16, 17,19,25/03
25679	10	20/03*	28310	2	31,33,35,39/02	36104	6	13/03	37148	13	35,38/02;4,10,11,27/03
25681	16	28*,34,39/03	28320	6	33/02	36106	7	47/02;5,13/03	37149	10	44/02
25683	18	32*,34,39/03	28321	36	29/02	36118	3	5/03	37150	8	31/02;14,19,26,27,32,33, 35,37,39/03
25685	9	22/03*	28323	2	29/02	36120	9	31,46/02;5,8,16,23,27/03	37161	14	31,34,43/02;1,14,19, 24/03
25687	12	30/03*	28325	2	29/02;5/03	36123	25	46/02;11,16/03	37162	12	21,26,27,30,32,33,35,37, 39/03
25700	3	15/03	29002	9	18,29/03	36124	18	16/03	37163	19	32/03
25720	3	33/02	29015	5	16/03	36125	7	4,30/03	37164	4	23,26,27,30,32,33,35,37/03
25800	3	36/02	29040	3	39/03	36137	4	38/02	37165	2	34,36/02;10,12,13,15,21, 23,26,27,28,30,32,34,35, 37,39/03
25841	9	36/02	29107	2	29,36/03	36138	3	39/02;4/03	37166	2	14,19,21,26,27,30,32,33, 34,35,37,39/03
25848	25	5,13,15/03	29121	5	32/02	36139	4	4/03	37170	11	38/02;14,19/03
25849	13	42/02;12/03	29122	5	32/02	36140	12	36,41/02;4,10,27/03	37175	2	5,27,30/03
26001	4	9/03	29127	4	29,39/03	36141	7	4/03	37178	20	38/02;27,31,35/03
26050	1	34/02;26/03	29141	3	29,39/03	36143	4	34/02;5,30/03	37182	14	35,47,48/02;24,27/03
26060	1	49/02	29142	3	7/03	36161	10	34,44,45,47,50/02;4,10, 18/03	37183	9	48,51/02;10,24/03
26068	11	18/03	35000	26	47,48/02;14/03	36162	10	35,45,47,50/02;4,18/03	37184	8	48/02;5/03
26081	8	46/02;16/03	35008	21	45,48,50/02;5,25,27/03	36163	13	31,34,35,38,44,45,47, 50/02;4,18/03	37188	15	28,30,35/03
26083	14	29/02	35009	19	40,41,45/02;5,10,14/03	36164	7	34,38,44,46/02;8,15/03	37200	15	19,23,27,28,30,32,33,35,37, 39/03
26100	4	31/03	35011	2	48/02;1,25/03	36165	6	28,36,44/02;10,27,30/03	37202	2	22,27/03
26122	30	22/03*	35016	17	29/02	36167	2	40/02	37205	2	39/02;22,24,30/03
26127	21	49/02;5/03	35036	21	30,36/02;10,15,27/03	36173	1	40/02	37221	13	28,34,36/02;6,10,11,12, 13,14,15,21,23,29,30, 32/03
26128	50	49/02;5/03	35040	18	45/02;4,8,10,14,21/03	36178	23	28,29,30/03	37222	11	22,23,30,37/03
26142	10	33/02	35041	8	35/02;4/03	36180	23	36,40,50/02;4,27/03	37224	17	28,30,39/02;8,9,12,14,17, 21,23/03
26210	2	36/02	35042	9	44/02;4,14/03	36181	18	36,40,50/02;4/03	37228	14	8,14,23,27,29,30/03
26218	2	31/03	35044	9	38/02	36182	6	36,40/02;27/03	37229	15	8/03
26219	5	31/03	35047	5	35/02	37000	22	28,47,48/02;14,23/03	37230	14	39/02;28/03
26229	11	31/03	35060	14	40,41/02;10,14/03	37005	16	41,45,47/02;5,12,13,15, 23,28,29,30/03	37231	18	28,30/02;6,10,12,14/03
26230	12	31/03	35080	16	40/02	37010	23	41,45,47/02;10,12,13,15, 19,23,27,28,29,30/03	37232	12	29,31/03
26240	7	9/03	35081	15	22,27/03	37025	26	38,51/02;1,24,25,27,31, 33,34,36,38/03	37234	13	7,8,31/03
26244	3	9/03	35082	7	22,27/03	37032	2	1,6,25,31,38/03	37235	11	17/03
26245	16	51/02;15/03	35083	8	20/03	37033	2	47/02;33/03	37238	6	17,21,30,33,37/03
26259	2	51/02	35084	15	50/02	37034	2	8,14,33/03	37241	17	26,27,30,32,33,35,37, 39/03
26261	27	8/03	35086	5	31/02;22/03	37041	15	50/02	37242	10	26,30,32,35,39/03
26262	3	8/03	35088	2	50/02	37042	5	41,45/02	37243	7	27,30,32,37/03
26282	6	22,23,34/03	35099	3	41/02	37043	17	43/02	37244	11	23,26,27,28,30,32,33,35, 37,39/03
26290	1	21/03**	35100	14	40,45/02;5,30/03	37050	9	42,46/02;10,12,17/03	37246	14	21,24,27,30,32,33,35, 39/03
26295	1	21*,22,34/03	35101	6	41/02	37060	3	31,46,50/02;9,13,18/03	37248	18	39/02;21,23,29,30/03
26300	7	21/03*	35103	5	41/02	37063	21	28,36,50/02	37250	2	40/02;21,26,27,30,32,34, 35,39/03
26308	5	21*,22,23,34/03	35120	13	40,45,47/02;5,30/03	37075	3	31/02;5,18/03	37251	11	22,23,30,37/03
26309	26	11/03	35130	3	48,51/02;5/03	37080	3	30,33,34,38,40,42,44,45, 46,51/02;1,4,7,9,14,15, 18,20,21,22/03	37252	17	28,30,39/02;8,9,12,14,17, 21,23/03
26312	2	21/03	35135	1	5/03	37084	9	28,44,50/02;11/03	37254	14	21,24,27,29,30/03
26316	3	21/03	35136	2	48,51/02	37085	8	38,40/02	37256	10	26,30,32,35,39/03
26320	5	28,29,35/02;7,12,22,23, 25,31/03	35141	11	34/02	37086	8	38,50/02;4/03	37258	4	1,11,22/03
26323	4	1/03	35144	3	11/03	37087	7	38,40/02	37261	10	28/02;1,7,11,20,22/03
26327	2	N41/02*:N17/03	35150	3	48/02	37088	9	5/03			
27005	4	6,8,9,22,23,34/03	35155	3	25/03	37089	12	28/02;4,13/03			
27040	5	9/03	35163	7	44/02	37090	8	32,45,51/02;1,7,9,14,16, 22/03			
27041	4	50/02	35166	4	35/02						
27060	2	22,23,34/03	35167	3	35/02						
27080	4	15,22,39/03	35169	2	35/02						
27081	6	49/02	35200	7	48,51/02;5,25/03						
27082	6	49,51/02	35210	3	29/02						
27083	39	28/03	35230	3	29/02						
27084	4	13/03	35236	2	38,50/02						
27100	2	31/02;8,21/03	35246	2	38,43/02						
27102	11	28/03	35247	4	50/02						
27120	4	41,43,44/02	35255	3</							

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 28/02 THROUGH NM 39/03

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.
37262	20	1,11/03	43160	6	34,35,36,38/03	44069	16	29,31/02;11,13,17,22, 23/03	44365	1	7,8,26,27/03
37264	3	30/02;1,15,22/03	43161	2	41,44/02;35/03	44366	1	34,41/02	44367	2	29,35,37,40/02;6,39/03
37265	3	1,7,17,32/03	43163	3	44/02	44070	7	28/03	44400	4	48/02;4,6,7,8,9,12,15,17, 19,23,24,25,27,34/03
37281	15	30/02;1,15,22/03	43164	3	48/02;6,34/03	44071	4	29/03	44401	7	10,12,19,24/03
37320	16	28,38,44/02;9,10,11,P12, 15,17,21,24,36,38/03	43167	5	36/03	44075	4	29,31,42/02;13,23/03	44410	4	4,6,11,12,13,14,15,23,24, 26,27/03
37325	8	34,39,47/02;15,18/03	43168	2	36/03	44076	3	22,28,30,32/03	44420	6	36,49/02;8,9,10,11,12,14, 17,22,25,27/03
37326	2	34,47,51/02;15,18,21, 36/03	43180	5	9/03	44081	9	39/02;9,13/03	44430	2	28/02;6,10,11,14,19,24, 25/03
37328	2	42,44/02;11,15,21,24/03	43182	4	47,52/02	44082	11	9,33/03	44444	6	31/02;9,12,30,34,35,36, 38/03
37330	2	30,32,34,38,40,46/02;9, 13,14/03	43204	4	36/03	44083	8	9,11,24,25,26/03	44461	10	28/02;6,10,24,25,26,28, 31,36/03
37342	3	32/02;2,11,15,21/03	43223	4	41/02	44084	1	6,11,26/03	44462	4	27,39/03
37343	10	45/02	43225	4	52/02	44100	7	44/02;2,9,11,12,13,22, 31/03	44463	9	24/03
37344	11	32,34/02;21,38/03	43240	4	50,51/02	44105	2	49/02;5,6,8,24,26,27/03	44465	2	28/02;6,25/03
37360	15	28,30,32,34,43/02;2,9,10, 11,15,17,21,24,31,36,38, 39/03	43242	4	52/02	44120	7	28,29,31/02;9,10,15,19, 20,22,23,24,27,33,39/03	44481	2	28,31/02;24,26,31/03
37362	6	31,43,48,51/02;1,2,4,17, 22,32,33,38,39/03	43248	3	9/03	44140	8	28,29,31,50/02;1,6,19,21, 23,24,26,31/03	51007	22	38/02;7,27,33/03
37363	8	48/02;4,17,32/03	43263	7	44/02;37/03	44160	7	46/02;1,4,5,6,11,13,14, 15,20,26,31/03	51013	4	38/02;7,21,33,36/03
37367	1	38,49/02	43265	2	44,52/02;37/03	44161	2	29,50/02;1,2,6,10,21,35, 39/03	51017	31	37/02;24/03
37380	2	34,40,42,43,44,48,51/02; 9,10,17,21,38,39/03	43270	2	44/02	44162	1	50/02;1,24/03	51022	11	37/02
37400	10	28,34,38,40,41,44,46/02; 6,10,20,31,34,36/03	43278	2	27,37/03	44163	1	48/02	51061	14	1,7,15,17,19,21,22/03
37401	9	28,32,44/02;4,6,13,14,16, 22,31,36/03	43280	5	44/02;37/03	44164	1	46,48/02;1,11,18,22/03	51062	28	15,17,19,22/03
37402	7	28,32,41,42,44,50/02;4, 13,14/03	43281	6	27,37/03	44165	1	46/02;1,5,6,11,20,22,24, 34,39/03	51064	2	52/02;1,17/03
37403	23	10/03	43283	6	27,37/03	44178	2	2,5,7,10,16,26,27/03	51081	10	5,6,13,15,17,21,22/03
37420	1	34,43/02;1,7/03	43284	4	51/02	44179	2	10,16,35,39/03	51082	7	5,7,13,15,17,21,22/03
37421	8	14,21/03	43285	5	44/02	44180	6	29,34,45,46/02;1,2,5,7,8, 9,20/26/03	51100	7	1,6,7,8,9,14,27,33,34/03
37423	5	14,21/03	43287	2	27,37/03	44181	5	5,10,13,20,21,27/03	51103	10	29*,33,45/02
37443	2	38/03	43300	5	44,47,50/02	44182	4	48,49/02;1,2,15,18,27/03	51104	1	29*,33,45/02
37445	1	48/02;1,34,38/03	43301	4	45,50/02	44183	6	48/02;1,6,8,9,10,19,20, 25,27,35,39/03	51120	6	6/03
37446	2	1,34/03	43302	4	44,47,50,51/02	44184	9	45,49/02;2,10,13,20,22, 32/03	51135	1	22/03
37461	9	51/02;6,20,25,36/03	43304	2	44,47,50/02	44185	7	45,49/02;1,2,10,27,32/03	51142	2	6,13,15,22,33/03
37463	6	1/03	43321	6	30,41,47/02	44186	2	45,46,48/02;1,2,5,8,9,10, 15,16,25,27,29/03	51143	4	6/03
37481	7	47,48/02;6,7,14,30/03	43323	4	30/02;27/03	44187	2	5,6,9,13,25,27,39/03	51144	3	52/02;1,15/03
37501	3	46,47/02;7,8,20,33/03	43324	3	30/02;27/03	44192	1	29,46,48/02;1,18,23, 39/03	51145	2	42/02;13,22/03
37505	2	46/02;7,33/03	43331	13	38/03	44193	1	1,7,15,18/03	51146	3	42,52/02;5,36/03
37506	4	45,46,47,51/02;8,20, 33/03	43337	8	45/02;17,20/03	44200	9	29,34,52/02;4,9,12,13,22, 27,37/03	51150	1	50,51/02;1,13,15,22, 33/03
38320	3	35/03	43338	2	38/03	44203	1	33,48/02;2,5,15,25/03	51154	3	50,51/02;13,15/03
38528	4	N20/03	43343	1	48/02;4,5,6,7,10,11,12, 13,15,16,17,18,23,25,26, 28,30,32/03	44204	1	48,52/02;2,4,5,7,12,13, 27/03	51155	1	50,51/02;1,15,22/03
38585	4	18/03	43363	5	45/02	44205	2	48,52/02;2,5,7,12,15,19, 22,26,27,29,31,39/03	51158	2	6/03
41000	2	15/03	43364	5	45,46/02	44206	1	46/02;4,5,13,16,17,19,24, 28/03	51159	3	47/02;39/03
41060	3	34/02	43371	13	38/03	44207	1	4,5,17,19,23,28/03	51160	20	48,50,51/02;1,4,5,6,7,14, 15,21,22/03
42003	N23/03**		43385	1	45,48/02;5,11,13,20,23, 24,26/03	44220	5	46/02;4,5,13,16,21/03	51163	4	4/03
42004	1	N23/03*	44001	2	48,49/02;1,6,7,8,9,11,13, 14,P20,23,26/03	44221	1	19,21/03	51164	18	38,45,46,50/02;2,4,8/03
42160	3	7,38/03	44015	8	28,31,48,49/02;6,7,8,9, 10,11,13,14,24,26/03	44222	1	6,13,21,24/03	51165	8	45,50/02;2,4,8,10,14,16, 39/03
42301	3	38/03	44030	7	46/02;4,8,9,13,19/03	44224	1	49,02/5,20,21,24/03	51166	3	N45/02;N39/03
42560	5	31,38/03	44036	5	28/02;13,16,17,20,23,28, 30,32/03	44240	8	49,50/02;4,7,13,14,15,16, 19,21,25,39/03	51167	6	45,50/02;2,4,8,10,16/03
42600	5	14,30/03	44040	23	28,44/02;6,10,13,16,17, 20,22,23,24,28,30,32/03	44243	2	5/03	51168	2	45,46,50/02;2,4,8/03
42620	5	14,38/03	44041	7	48/02;1,9,10,13,16,20,23, 28/03	44260	7	29/02;5,6,13,21,23,21/03	51180	5	13,16/03
42640	6	38/03	44042	7	44,45,49/02;4,7,9,10,11, 17,19,20,25,27,28,29, 32/03	44280	9	29,34,49,50/02;2,6,12,15, 19,22,34/03	51200	4	14/03
42660	5	38/03	44043	8	44/02;1,6,9,10,11,13, 16/03	44281	2	49/02;12,15,19,21,22, 27/03	51220	8	33/02;18/03
42740	5	34,41/02;6,25,31/03	44044	6	6,10,13,16/03	44282	1	49,50/02;13,17,19,21, 26/03	51222	6	51/02;16/03
42742	3	6,8,30/03	44045	6	22/03	44283	2	50/02;8,21/03	51223	2	17,18/03
42760	5	8,19,24,25/03	44046	10	22,24/03	44284	2	41/02;6/03	51240	2	33/02
42762	3	N25,N30/03	44047	22	44/02;10,12,22,24,30,31, 32/03	44285	1	2,15/03	51260	4	37,50/02;16,18,28/03
43000	4	9/03	44048	11	5,12,18,22,25,27,31/03	44313	1	41,47/02;36,37,39/03	51261	23	5,6,13,15,19/03
43015	12	9/03	44049	9	44,46,50/02;8,14,22,24, 30,31/03	44319	2	41,42/02;4,6,9,10,P20, 26,27,28/03	51263	23	49/02;13,17/03
43030	24	28/02;2,9,10,11,12,13,15, 17,22,27,28,30,32/03	44050	21	20,31,32/03	44320	4	29/02;6,8,9,15,P20,25, 26,37/03	51341	23	48/02;6,16,34/03
43040	6	38/03	44051	1	44,48,50/02;1,11,14,22, 25,26,27/03	44321	6	29,32,40/02;6,8/03	51342	3	1/03
43058	3	20/03	44057	5	29,30/03	44340	11	37/02;4,6,8,9,15,17,P20, 26,33,37/03	51344	2	5,7,16,18/03
43059	3	44/02;20/03	44061	21	24,32/03	44341	7	37,41/02;7,9,P20,26/03	51380	5	47/02
43060	4	44/02;27/03	44062	8	28/03	44342	8	37,41/02;6/03	51500	6	20/03
43079	2	41/02	44063	8	17/03	44352	2	4,6,7,8,12,15,17,19/03	51540	3	22/03
43082	5	41/02	44064	19	22,28/03	44353	1	41,47/02;36,37,39/03	51559	3	41/02
43101	3	46/02	44065	9	44,46,50/02;8,14,22,24, 30,31/03	44354	1	2,27/03	51600	12	20,39/03
43102	4	46/02	44066	10	39/02;31/03	44355	1	29,41,42/02;7,37/03	51620	10	20,39/03
43104	4	46/02	44067	22	29/02;16,17,28/03	44356	2	41,47/02;36,37,39/03	51621	9	20/03
43106	6	44/02	44068	11	44,48,50/02;1,11,14,22, 25,26,27/03	44357	2	41,42/02;4,6,9,10,P20, 26,33,37/03	51641	4	32,34/03
43127	5	20/03	44075	5	29,30/03	44358	1	41,42/02;4,6,9,10,P20, 26,33,37/03	52031	1	6,21/03
43140	4	41,48,52/02;12,35,38/03	44076	21	24,32/03	44359	2	45,50/02;13,17,19/03	52039	4	5*,7,8,9,13,14,18,21/03
43141	5	52/02;12/03	44077	8	28/03	44360	9	34,37,41,42/02;4,9,10,P20, 26,27,28/03	52040	17	43,50/02;13,16,18,34/03
43142	4	52/02;12/03	44078	8	17/03	44361	6	29,32,40/02;6,8/03	52042	6	22/03*
43143	4	12/03	44079	19	22,28/03	44362	11	37/02;4,6,8,9,15,P20, 26,33,37/03			

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 28/02 THROUGH NM 39/03

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.
52060	16	43,50,51/02;7,12,P20,26, 29,34/03	53160	14	51/02;3,6/03	54318	3	1,14/03	55110	2	29,37/02;6,29/03
52061	2	45,48,51/02;7,12,20,P20, 26,29,34/03	53161	8	51/02;3,8,13,18/03	54320	4	48/02;1,24,25/03	55120	2	36/02;6,14,28,33,34/03
52062	7	7,12,23,29,34/03	53162	7	50/02*;15/03	54321	2	25/03	55127	2	10,14,24,27,32,36/03
52066	3	50/02;14,16/03	53164	9	37,51/02	54322	7	1/03	55128	2	33,36,38/02;1,4,5,8,14, 26,27,28,32,34/03
52080	14	50,51/02;4,7,10,11,12,14, 20,P20,26/03	53165	13	39/02;8/03	54327	4	31/02	55129	7	33,36,37/02;6,15,27,34, 35/03
52082	3	45,46,48/02;11,12,20, P20,26/03	53180	10	33,34,43,51/02;1,3,6,7, 13,15,18,20,21,29/03	54332	3	25/03	55130	2	45/02;5,14,19,32,33,34, 39/03
52083	2	45,46,51/02;1,16/03	53181	4	34/02;1,13,21/03	54333	3	25/03	55131	1	36,45/02;6,19,25,38, 39/03
52084	2	45/02;4,10,11,12,14, 18/03	53182	4	36/02;15,16/03	54334	3	5/03	55133	3	5,14,34,36,38/03
52085	3	50,51/02;4,11,16/03	53183	13	35/02;20/03	54335	3	24/03	55139	5	41/02
52086	2	45,50,51/02;1,4,9,11,14, 36/03	53184	5	32,35/02;1,6,13,18,20/03	54337	3	31/02	55140	2	1,5,14,29,33,34,35,36/03
52087	1	51/02	53200	6	33,36,43/02;5,6,7,15,16, 20,30/03	54339	8	31/02;12/03	55150	2	28,29,37/02;15,36/03
52088	2	45/02;4,10,11,12,14,18, P20,26/03	53205	3	5,26/03	54340	8	48,51/02;3,4,24/03	55160	2	28,29,42/02;29/03
52092	1	46,51/02;16/03	53206	6	5,25/03	54341	4	23/03	55161	1	29/02;17/03
52120	12	32,51/02;6,11,16,18/03	53207	6	15,17/03	54343	10	48/02;4,5,11,12,13/03	55170	2	29,31,36,41/02
52121	8	45,46/02;1,6,8,11,16, 23/03	53208	11	5/03	54344	6	48/02;24/03	55175	1	28/02
52122	14	45/02;11,14/03	53209	10	44/02;5/03	54346	8	11,12,13/03	55180	2	33/02;1,15,29,33,36, 39/03
52124	1	51/02	53215	3	5,26/03	54347	4	51/02	55190	2	6,20,27,39/03
52125	1	45,46/02;8,11,16,18/03	53216	6	5,25/03	54350	4	51/02;37/03	55200	2	8,10,20,25,26,27,28,32, 33,36,39/03
52140	6	48,50/02;3,12,18,29/03	53220	6	36,43,51/02;5,16/03	54351	7	52/02;26/03	56031	1	1,2,17,21/03
52141	5	48/02	53223	5	29/02	54352	3	52/02;1,3,33,37/03	56041	4	21/03
52142	2	12,18,23,29/03	53226	3	3*,17,18,35/03	54359	2	38/03	56044	3	38/02
52143	8	18/03	53227	12	52/02;1,13/03	54360	12	52/02;20,21,34/03	56060	9	27*,38/03
52144	5	50/02;3,7,8,10,14,16,18, 21,23/03	53244	2	1/03	54361	10	38/03	56063	1	16/03
52161	14	6,11,14/03	53262	7	42/02;21/03	54362	3	52/02	56064	6	38/02;2,16/03
52164	2	14/03	53263	1	37/02;17/03	54363	3	21/03	56065	3	33,38/02;16,38/03
52170	3	14,16/03	53264	5	17/03	54364	2	52/02	56067	3	48/02*;20,38/03
52172	2	40/02;1/03	53265	6	35,41,46,52/02;15,16/03	54365	6	36/02;11,21/03	56081	19	41/02
52180	14	42,43,51/02;1,8,10,13,15, 16/03	53266	4	1,8,13,17/03	54369	4	52/02;20,21,34/03	56082	16	29/03
52200	8	7,17/03	53268	4	42/02;7/03	54380	6	42/02;3,16,18,28,34/03	56083	2	31/02
52220	7	27/03	53269	5	17/03	54382	9	16,28/03	56100	14	33/02;1/03*
52221	7	27/03	53279	3	7,15/03	54386	10	42/02;16,18/03	56101	6	33/02;1/03
52223	4	27/03	53281	4	31,40,52/02;15,18/03	54387	7	42/02;16,18,30,39/03	56102	23	1/03
52240	9	27/03	53282	8	40/02	54400	8	32,43/02;3,16,22,30,36, 37/03	56103	6	30/02;1,33/03
53011	2	51/02	53283	4	33,52/02	54402	4	52/02	56104	3	22/03*
53031	1	28,30,39,48/02;5,12,14, 24,31/03	53284	4	33,40/02;7,21,24/03	54403	4	43,52/02;24,30,36/03	56105	1	38/03*
53058	2	4,37/03	53285	4	35/02;7,15/03	54407	2	32,43/02;3,7,16,30,37/03	56120	12	1/03
53060	14	28,30,32,51/02;4,5,9,10, 12,14,31,36,39/03	53287	6	35,42/02;1,5,7,8,10,15, 22/03	54413	3	31/02;37/03	57029	9	12/03
53061	10	28,30,44,47/02;12,16,17, 38/03	53290	1	35/02	54416	5	33,37/03	57035	10	10,12,23/03
53062	13	1,14,16/03	53301	4	22/03	54417	1	30/03*	57063	5	40,41/02
53063	9	33*,37/03	53302	4	51/02	54418	4	32,43/02;3,7,16,30,37/03	57064	3	41/02
53064	6	33/02;10,20,39/03	53303	6	49,51/02	54419	2	3/03	57101	18	41/02
53065	2	33/02;39/03	53306	2	39/02;31/03	54421	6	28,47/02;36/03	57102	2	16/03
53066	2	33/02;20,39/03	53311	3	39/02;37/03	54423	5	48/02*;17/03	57103	2	16/03
53081	8	30/02;4,5,11,16/03	54040	3	37/02;6,10,20/03	54430	1	28,37,43/02;36/03	57120	13	43/02
53082	13	40/02	54041	7	35/02;4,8,16,17,24/03	54440	4	30,41/02;17,38/03	57140	10	43/02
53083	8	9,10,21,22/03	54043	2	29/02;17/03	54441	6	30,42/02;2/03	57141	14	43/02
53084	6	51/02;14,16/03	54046	5	37/02;16/03	54442	5	17/03	57142	6	43/02
53085	6	51/02;14,16/03	54061	11	52/02	54444	5	17/03	57160	10	43/02
53086	8	46,48/02;17/03	54063	3	1,13/03	54446	5	17/03	57161	4	31/02
53087	9	48/02;17/03	54081	3	10/03	54448	8	30,36,41/02;2,17,21/03	57162	7	43/02
53088	7	33/02	54085	2	40/02;15,24/03	54449	2	32,43/02;7,16,30,37/03	57164	2	43/02
53089	4	21,22,23/03	54090	3	46/02*;15,17,30/03	54451	3	1/03	57165	1	43/02
53090	1	41/02	54140	7	41/02;15,30/03	54452	1	28,42/02;17,35,37/03	57170	1	43/02
53100	16	28,33,39,42,51/02;6,10, 13,18,20,21,24,31/03	54145	1	3/03	54501	7	32/02;21/03	57200	6	11/03
53101	7	33/02;8,13,16,24/03	54151	2	8/03	54502	1	28,42/02;17,35,37/03	57220	4	11/03
53104	2	35,42/02;20,24/03	54161	12	10,20,21/03	54503	2	28,37,39,42/02;37/03	57241	12	31/03
53105	20	37/02;8/03	54165	2	33,37/02;38/03	54504	5	41,43/02;16/03	57260	3	23/03
53106	6	21,33/03	54166	3	10/03	54505	2	41/02;39/03	57261	2	23/03
53107	16	35/02;6/03	54167	2	20/03	54506	4	30,31,37,38,39,41,48/02;	57262	4	23/03
53110	1	29,40/02;10,15,17/03	54168	6	41,43,50/02;5,30/03	54507	12	32,36,37,39,41,48/02;	57381	12	52/02;15,16,23/03
53111	3	31,44/02*	54195	2	5/03	54508	20/03		57400	4	12/03
53112	14	28,39,42/02;5,6,7,13,17, 31,35/03	54200	5	52/02	54509	6	30,41,43/02	57408	2	12,24/03
53112	3	29,40/02;7,8,16/03	54222	4	43/02;20/03	54506	7	36,37/02;28/03	57420	3	12/03
53113	2	7,29/03	54223	2	8/03	54501	3	37,48/02;6/03	57460	4	10,12,29/03
53114	2	46,51/02;13/03	54224	2	8/03	54502	9	5,25,32/03	57471	3	12,15/03
53115	1	42,47/02;10,13,18/03	54225	5	52/02	54503	7	39/02;39/03	57472	2	12/03
53116	4	33/03*	54226	1	13/03	54504	8	29,36,37/02;6,28,29,33, 34,39/03	57480	8	12,15,23,27/03
53117	2	51/02;7/03	54279	4	50/02*;2,15/03	54505	4	7,25,32,34,38,39/03	57482	12	24/03
53118	5	34,51,52/02	54280	10	5,15,22/03	54506	3	4,5,15,25,32,36/03	57483	11	24/03
53119	3	36,39,42,51/02;6,7,10,13, 17,20,35/03	54282	1	51/02	54507	2	29,48/02;1,4,5,7,15,19, 20,25,26,27,31,35,36,	57484	19	15,23,24,27/03
53120	2	31/02	54283	5	52/02	54508	9	5,31,33,36,39/03	57488	6	24/03
53121	3	29,40/02;7,8,16/03	54284	1	51/02;15,34/03	55100	8	29,36,37/02;6,28,29,33, 34,39/03	61000	20	10,15,23,27,31/03
53122	3	7,29/03	54287	7	5,15/03	55101	4	48/02;1,2,4,5,10,11,12, 13,14,15,16,17,18,19,20,21, 22,23,24,25,26,27,28,29,30, 31,32,33,34,35,36,37,38,39/03	61020	2	28/02;27/03
53123	2	46,51/02;13/03	54288	5	1/03	55102	3	4,5,15,25,32,36/03	61036	8	7/03
53124	5	34,51,52/02	54289	8	1/03	55103	2	29,48/02;1,4,5,7,15,19, 20,25,26,27,31,35,36,	61040	6	10,31/03
53125	3	36,39,42,51/02;6,7,10,13, 17,20,35/03	54300	12	31/02	55104	2	48/02;4,5,7,14,19,31,33, 36/03	61050	4</td	

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 28/02 THROUGH NM 39/03

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.
61090	5	12,27/03	62408	7	10/03	63232	3	45/02	71343	3	7/03
61091	5	12,18,24,27,35/03	62409	6	7/03	63233	15	31/02	71348	3	35/02;7,23/03
61092	13	18,27,35,39/03	62411	1	52/02	63240	4	19/03	71349	2	23/03
61100	4	10,12/03	62413	12	28/03*	63250	6	29,40/02;11/03	71350	8	5,6,7,14/03
61110	3	28/02;25/03	62417	1	52/02	63252	1	33/03	71400	5	14,23/03
61111	12	25,27,34/03	62419	6	33/02;8/03	63271	8	52/02;8/03	71401	1	40,46,51/02;5/03
61112	10	35/03	62420	5	33,37,39/02;8/03	63290	7	31,32,38/02;10,22/03	71402	1	40,46/02;4,5,6,33/03
61120	4	28/02	62429	9	39,43/02	63291	9	33/02;16/03	71410	1	39/02;12,23/03
61130	3	28/02	62431	8	37/02	63310	5	11/03	71420	1	38,39/02;3,12,14,23/03
61141	6	38/02;35/03	62432	16	13*,30/03	63320	8	30/02;37/03	71430	3	11*,20,23/03
61142	6	38/02;7,35,39/03	62433	12	30,31,34,45/02;1/03	63321	6	30,42/02;9,37/03	71440	2	11*,23/03
61180	4	38/03	62434	9	40,46,52/02;8,12,17,18,	63322	2	30/02;9/03	71445	1	7/03
61190	4	39,41/02			21,23/03	63330	9	39/02;4/03	71450	1	7/03
61204	5	13/03	62437	10	30*,32,35,37/03	63337	15	31,39/02;4/03	71455	2	11*,23/03
61300	2	7/03	62439	4	1/03	63370	1	20/03	71460	1	41/02;23/03
61310	2	33/02;7/03	62440	8	16/03*	63400	1	39/02;8,11/03	71470	2	38/02;14/03
61311	5	33/02	62441	10	36/02	63410	6	39/02;8,9/03	72000	8	31,32,35,47,50/02;2,20,
61312	3	33/02	62442	6	24/03	63413	5	39/02			21,23,24,27/03
61331	4	7/03	62453	4	16/03*	63417	2	39/02	72007	10	30,36,38,47,51/02;2,5,7,
61400	2	7/03	62455	7	39,43/02	63420	2	39,45/02;8/03			11,27/03
61410	2	7/03	62457	6	11/03*	63424	2	45/02	72014	10	46/02;7,19/03
61430	2	7/03	62459	2	6/03	71005	1	34/02;2,6,12,13,16,23/03	72021	8	31,36,38,47,50,51/02;7,
61433	1	7/03	62460	4	31,33/02;10/03	71006	5	39/02;23/03			20,23,27/03
61434	2	7/03	62464	2	31,49,50/02;4/03	71009	3	39,46,48/02;1,6,7/03	72028	7	31,34/02;22/03
61560	2	7/03	62480	2	16*,18,32/03	71012	3	33,39,46/02;1/03	72035	8	31/02;8,21,27/03
61562	2	6/03	62490	2	16*,17,18,21,32/03	71015	4	23/03	72045	2	8,27/03
61581	5	28/03	62498	4	31/02;4,9,31/03	71018	10	33,35,37/02;7,12,13,15,	72050	4	23/03
61582	4	28/03	62499	4	31,49,50/02;4,9,31/03			21,25,26,27/03	72060	8	32,50/02
61591	4	28/03	62510	3	11*,12/03	71027	9	34,38,45,49/02;2,4,5,14,	72070	4	32/02;2,9/03
61610	7	28,29/02;34/03	62512	3	N11*,N12/03			18,23,33/03	72075	2	9/03
61611	11	28/02;34/03	62515	2	45/02	71033	31	37,38,49/02;3,12,14,15,	72080	7	51/02;2,9/03
61612	4	28/02;34/03	62520	6	20*,28,32/03			23/03	72085	3	15/03*
61650	3	12/03	62521	4	N20*,N28,N32/03	71036	8	35,44/02;12,14,23,26/03	72094	2	29,38/02;7/03
62000	20	46/02	62530	6	20*,28,32/03	71040	5	34,42/02;7/03	72100	7	29/02;7,19/03
62001	5	11*,28/03	62531	4	N20*,N28,N32/03	71042	1	34/02	72103	2	29/02;4,6,7,19/03
62024	13	38,40/02;29/03	62540	6	29,31,32,34,40,45,48,50,	71045	2	23/03	72105	2	36,38/02;7,11,19/03
62028	15	10/03			52/02;8,12,17,18,21,30,	71058	2	36/02	72107	2	29/02;7,19/03
62032	16	11*,17,21/03			35/03	71059	1	36/02	72109	3	42,44/02
62033	3	N11*,N17,N21/03	62541	3	N29,N31,N32,N34,N40,	71061	15	36/02	72130	4	46/02
62046	3	19/03*			N45,N48,N50,N52/02;	71066	1	39/02;6,7,10,24/03	72131	3	11/03
62050	6	44/02			N8,N12,N17,N18,N21,	71081	3	21/03	72161	10	10/03
62092	7	41/02			N30,N35/03	71091	4	1,2/03	72181	2	36/02;7,11/03
62093	7	41,49/02	62550	3	16*,28,32/03	71140	6	33,39,46/02;1/03	72190	2	30/02;10/03
62095	3	11*,32/03	62560	4	16*,18/03	71180	29	33,37/02;7,12,13,15,21,	72201	8/03	
62097	6	38/03*	62570	4	31,32,33,34,36,40,45,			23/03	72211	6	43/02;5,8/03
62098	7	33/03*			48/02;8,12,17,18,30,35,	71183	13	32/02	72223	8	27/03
62100	6	P23,26/03			37/03	71185	24	7,13,15/03	72231	8	31/02;21/03
62110	9	P23,26/03	62580	3	32,33,45/02;12,35/03	71186	2	7/03	72234	2	18,19/03
62140	1	34,40/02	62590	2	28,29,36,40,46,48/02;8,	71210	18	44/02;3,23,27/03	72236	1	9,12/03
62142	10	28/02;32/03			12,17,18,21,23,30,37/03	71211	4	38/02	73000	9	40,52/02;10,20,21/03
62143	3	28/02;32/03	62591	3	N28,N29,N36,N46,	71212	1	38/02	73002	4	30/02;5,11/03
62170	2	38/02			N48/02;N8,N12,N17,	71230	11	38/02;6/03	73004	4	10/03
62171	4	38,47/02			N18,N21,N23,N30,	71241	10	6,12,16,20/03	73008	8	11,13,23/03
62191	15	11*,15,28/03			N37/03	71243	5	15/03*	73012	6	11/03*
62193	17	31/02	63000	13	28,48/02	71247	18	5,6,8,14,17,21,22/03	73014	10	48,52/02
62194	8	31,36/02;4/03	63005	18	31/02;16/03	71248	2	N51/02*N1/03	73016	4	44/02
62195	7	19/03*	63010	14	29,31,52/02	71249	2	35/02	73020	9	9,21,22/03
62220	9	21/03*	63015	11	31,38,40,52/02;9/03	71251	11	35,40,42/02;1,5,6,7,13,14,	73024	3	39/02
62222	5	19/03*	63020	15	31/02;4,9,11/03	71253	10	35,40,42/02;5,6,7,13,14,	73030	4	22/03
62225	3	37/02;17/03	63040	2	46/02			16,17,21/03	73032	4	9,22/03
62241	10	9/03	63050	2	46/02	71255	6	28/03*	73041	2	5/03
62242	11	47/02;9/03	63053	4	39/03	71257	2	28/02;5,6,7,12,13,16/03	73191	3	7/03
62250	4	34,38/02;32/03	63054	3	31/02	71258	2	28,35/02;5,6,7,13,22/03	73271	7	13/03
62270	4	37,41/02;29,32/03	63055	2	29/02;39/03	71259	3	15*,17,19/03	73552	4	34,45/02;1,7,9,10,38/03
62271	5	37,41/02;10/03	63060	7	28,32/02	71261	8	35/02;2,16/03	73570	7	34,45/02;1,10/03
62290	3	37,41/02;10,21,P23,	63062	7	28,29/02;7,16,18,37/03	71262	7	6,13/03	73580	4	52/02
62295	3	26/03	63063	9	29/02;20/03	71265	3	46*,49/02;7,13,15,16,	73581	4	52/02;3/03
62302	2	P23,26/03	63070	3	28,29/02;16/03			20/03	73590	6	31,47,52/02;36/03
62310	2	29/03	63080	5	28,31,48/02	71271	10	30,34,52/02;19/03	73601	3	31,34,35,47/02
62330	2	38,40/02	63090	8	31/02;15,30/03	71272	10	30,34,52/02;19/03	73610	4	31/02
62340	3	38/02	63091	4	32,39,48,52/02;9/03	71275	3	35/02;2,6,16,19,33/03	73631	4	36,46/02;1,17/03
62343	3	8/03	63100	2	44/02;30/03	71281	7	51/02;34/03	73640	5	36/02;16/03
62350	3	10/03	63101	15	15,30/03	71285	3	30,34,52/02;13,19/03	74000	6	36,47/02;2,7,18/03
62355	6	8,29/03	63102	19	15,30/03	71295	2	30,34,39,40,52/02;12,	74002	2	28,35,47/02;31/03
62360	5	38/02;12/03	63103	17	29/02;15,16/03			19/03	74003	5	28,47/02;7,10,31,34/03
62361	2	N38/02;N12/03	63110	4	40/02;16/03	71305	2	31,34,36/02;2,13,23/03	74004	2	35,37,39,47/02;9,30/03
62366	4	33/03*	63111	9	48/02;9/03	71311	4	7/03	74005	2	31,34,35,46,47,51/02;4,7,
62391	5	33/03*	63120	2	44,48,52/02;8/03	71313	8	45/02			9,16,27,30,38/03
62393	7	34,37,50/02	63121	5	48/02;5,8/03	71314	5	6,10/03	74006	2	31/02
62394	10	34,37,50/02	63150	1	31/02	71315	2	31,34/02	74007	1	36/02
62395	3	25/03*	63200	5	52/02;30/03	71320	1	35/02;5,14,33,38/03	74008	6	51/02
62400	17	33/02;4,9,31/03	63201	9	40/02;30/03	71325	8	5/03	74009	10	38,49/02;8,9,21,36/03
62401	9	6,10/03	63205	2	30/03	71330	13	35/02;5,33,38/03	74012	10	37,40,49/02;6,8,19,20,27,
62402	10	10/03*	63210	3	45,52/02;16,30/03	71331	11	5,7,8,3			

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 28/02 THROUGH NM 39/03

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.
74018	6	44/02	74415	1	39/02	75222	8	35,40/02	92006	5	45,46/02;5/03
74020	4	33,37,38,43/02;5,18,31, 38/03	74420	3	45/02;19,27,30/03	75240	4	36,39/02;2,4,27,39/03	92033	5	45/02
74021	7	33,35,39,44/02;7,10,26, 31,35/03	74440	3	32,39/02;2/03	75241	6	34,36/02;26,35/03	92290	2	19/03
74024	7	31,44/02;36/03	74450	3	49/02;2,37/03	75251	5	33,48/02;3,19,37/03	92296	3	19/03
74027	9	43,44/02;39/03	74460	4	37,40,46,49/02;6,20, 37/03	75261	6	33,36,48/02;3,6,26,31, 38/03	92560	4	45/02
74030	6	28,51/02	74465	2	9,36,38/03	75262	6	38/02;16/03	93006	2	39,45/02;4,8,10/03
74053	2	28,51/02	74470	2	8/03	75263	9	32/02;5,26,31/03	93010	6	38,40,41/02;2,13,14,18, 24/03
74054	2	28/02	74475	2	44/02	75264	17	33,34,37,41,42,44,45/02; 2,27,32/03	93018	8	1,14,18,24/03
74151	9	36,44/02;2,20,29/03	74480	2	44/02	75265	2	6,20,31,32,38/03	93020	2	38/02;4,13/03
74152	11	36,44/02;27,30,34/03	74485	3	43/02	76015	1	29,35,40/02;28/03	93025	5	45/02
74153	2	36,44/02;2,27/03	74493	3	38,43,45/02	76030	9	49/02	93030	6	45/02
74162	4	36,46,47/02;8/03	74494	2	41/02;8,9,16/03	76050	8	49/02;18,28/03	93032	3	45/02;24/03
74171	4	33,36,47/02;3,10,18, 20/03	74510	2	33,35,37/02;5,10,17,18, 35,38/03	76052	8	4,5,28/03	93043	1	45/02
74172	5	36,47/02;7,10,18/03	74515	4	28,33,35,37,38,39,47/02; 10,34/03	76054	5	49/02	93046	1	45/02;5/03
74182	12	28,33,35,37,38,39,41,42, 44,51/02;6,10,17,25,34, 38,39/03	74517	3	39,41/02;4,31/03	76056	3	9,37/03	93048	1	35,49/02;5,14,33/03
74183	11	38,39,42/02;4,6,17,25, 38/03	74521	3	28,41/02	76060	7	40/02	93049	1	45/02;4/03
74184	10	28,33,35,37,38,46,48/02; 17,34/03	74527	2	28/02	76061	3	40/02;9/03	93061	4	45/02
74186	7	34/02;4,10,17,21,27,30, 36/03	74530	2	28,44/02;36/03	76070	9	35/02;28/03	93101	2	N34,N38/02;N2/03
74190	7	35,36,37,46/02;1,16,31, 34,39/03	74535	2	31,42,44,48/02;36,38/03	76071	9	35/02;28/03	93110	2	38,40,41/02;1,2/03
74191	2	35,46,48/02;1,7,9,29/03	74545	3	28,40/02;18,32/03	76080	8	1,18/03	93115	2	40,41/02
74192	3	28,35,46/02;1/03	74550	4	5,32/03	76081	7	28,37/03	93117	2	40,41/02
74200	8	28,37,46/02;1,8,32/03	74555	3	34,43,44,48,51/02;5/03	76083	3	1,37/03	93160	4	34/02;1,14,24/03
74201	9	32/03	74560	10	28,32,40,43,46,48,50/02;	76140	7	46/02	93180	7	34/02
74202	3	1,17,27/03	74561	2	4,15,31,32/03	76141	8	46/02;28,37/03	93220	6	34/02
74204	5	37/02;1,7,8,32/03	74565	2	5/03	76142	1	46/02;37/03	93240	11	34/02;16,24/03
74205	2	27,32,35/03	74581	9	32,34,36,40,41,43,45/02;	76144	1	28/03	93241	9	8,16,25/03
74206	2	34/02;27,32,35/03	74584	5	32,34,41,43,45/02;26,27,	76146	1	28/03	93243	6	42/02
74210	7	7,17,37/03	74590	2	28,51/02	76147	1	28/03	93244	7	16/03
74220	8	35,47,51/02;30,37/03	74591	7	40/02;8,38/03	76150	6	35/02	93245	6	16,24/03
74221	2	35,51/02;30,38/03	74595	2	28/02	76160	4	28/03	93260	8	31/02;7,18/03
74229	2	23,37,43,47/02;18,26/03	75000	6	47/02;6,31/03	76161	10	40/02	93261	5	31/02;7/03
74230	7	28,39,42/02;5,7,36/03	75001	3	47/02;5,6,31,32/03	76162	1	18,28/03	93280	4	18/03
74231	7	35/02;3,21,36/03	75010	7	41,42,50/02	76170	7	29/02;28/03	93360	5	38/02
74232	9	5,7,21/03	75025	9	36,39/02;2,4,8,25,27,36, 38,39/03	76180	1	28/03	93520	13	45/02;15/03
74234	1	8,17/03	75035	18	36,39/02;2,6,26,27/03	8004	3	37/03*	93610	3	44,45/02;6/03
74240	8	34,39,42/02;4,5,7,8,9/03	75051	6	5/03	8008	8	28/03	93650	2	44/02;6,24,28/03
74251	8	31,32,34,37,42,44,46, 51/02;6,9,17,21/03	75110	2	50/02	80104	3	38*,50/02;32/03	93652	2	3,6,24/03
74252	9	47/02;5,7,9/03	75120	2	42/02	80154	13	14*,27,28/03	93680	3	45,47/02;24/03
74253	6	32,47/02;8,9,16,20,21, 30/03	75130	16	31,34,41,50,51/02;5,7,8, 16,19,25,36,27/03	80167	5	51/02;10,12,16,25/03	93690	2	44/02;6/03
74261	9	41,49/02;4,10,30,39/03	75131	7	28/02;17,39/03	80176	9	51/02;10,12,16,27,36/03	93698	3	45/02;28/03
74265	2	31,38,41,43,47,49/02;7,9, 16,21,30/03	75132	11	31/02;17,19,25,29,32, 35/03	82200	7	39/03	93710	3	6,15/03
74270	3	31,38/02;7,38/03	75134	3	33,51/02;5,19,29,37/03	82210	2	17/03	93720	10	39,45,50/02;8,15,17,20, 24,28/03
74271	9	28,38,46/02;19,26,27,29, 30,38/03	75142	5	28,36,42,50/02;35/03	82242	1	35,48,50/02	93721	5	32,39,42,45,50/02;4,11, 17,20,23,25/03
74272	7	32/02;4,19,29,30/03	75143	4	28,32,33,36,38,42,50/02	82244	5	35,42,48/02;20,39/03	93733	13	32,39,45/02;4,19,20, 25/03
74273	5	31,38,41,43/02;7,19, 27/03	75144	3	31,33,36,42,51/02;4,10, 18,25,30,38/03	82253	7	35,48,50/02;20,39/03	93734	11	32,45/02;4,19,20,25/03
74281	7	3,30/03	75150	5	50/02;16,19,26/03	82646	2	33/02	93736	22	32,41/02;4,20,25/03
74283	2	46,49/02;27/03	75160	6	17,18,19,25,32/03	82649	5	33/02	93778	8	47/02;7/03
74285	2	31,34,35,45/02;1,9,16, 38/03	75170	12	38,39/02;8,25,38/03	82683	4	33/02;17/03	94004	6	29,30,33,37,44,52/02;8,9, 10,12,17,18/03
74286	2	29,35/03	75171	4	21,32,33,36,42,51/02;4,10, 18/03	82684	3	33,38/02;7/03	94016	2	33,35,52/02;3,9,10,14,17, 21,33/03
74287	2	34,38,52/02;9/03	75172	5	39/02	82689	3	38/02;17/03	94028	7	40,42,52/02;1,6,7,8,9,11, 14,17,21,24,27,31,33/03
74289	5	9/03	75173	9	31,32,33,36/02;1,6,20,26, 35,38/03	82706	32	41/02;6/03	94033	5	19,21,23,29/03
74290	11	34,39,45,46,48,49,51/02; 1,7,9,10,16,27,30,38/03	75175	9	31,33,38,40,45,50/02;6, 18/03	82711	1	43/02	94040	13	30,37,47,51/02;6,8,10,17, 18,28,31/03
74292	8	34,38/02;9,27/03	75176	9	42,50/02;25,26,32/03	82726	8	2,12/03	94042	9	47,51/02;7,18,24/03
74293	7	34,45,48/02;9,16/03	75177	7	38,48,50,52/02;6,26, 38/03	82731	5	31/02	94060	10	29,30,33,37,44,47,47/02;7,8, 10,12,14,15,18,24,31,33/03
74294	3	34,45/02	75178	6	49/02;1,5,7,10,16,19, 35/03	82736	6	45/02;19/03	94061	5	33,35,47/02;23/03
74295	3	4,9,27,29,35/03	75180	2	8,25,38/03	82737	6	1/03	94063	4	29,33,41/02;8,18,18/03
74296	4	34,38,49/02;9,27/03	75185	2	47/02;8,36/03	82742	6	35/02	94067	10	33/02;10,11/03
74297	3	35/02;8,18/03	75190	2	47/02;25,36/03	82747	7	37/03	94080	7	29,30,33,44,48/02;10,19, 22,32/03
74340	3	16/03	75191	6	37,38,43,47/02;8,19,30, 34,36,38/03	82752	2	12/03	94082	8	30,44/02;8,19,22/03
74350	4	16/03	75193	6	49/02;1,5,7,10,16,19, 35/03	82757	2	7/03	94083	12	44/02
74376	5	43/02;9,16/03	75194	3	34,36,38/03	82762	2	8/03	94120	6	33,38,48,52/02;9,10,17, 18,21/03
74380	4	32/02;8,9,26/03	75207	2	36,52/02;4,16,33,37/03	82767	6	45/02;19/03	94122	7	30,40/02;35/03
74391	3	26/03	75208	2	50/02;30,33/03	82772	1	29,44,48/02;8,10,12/03	94123	9	33,38,42,44,52/02;9,10,17, 15,17,18,28/03
74392	7	39/02;25/03	75213	2	36,52/02;33,38/03	82777	6	29,48/02;10,12/03	94124	13	38,42,44/02;10,15,17,25, 28/03
74393	9	28,31,38,41,50/02;3, 39/03	75215	2	36,52/02;4,16,33,37/03	82782	5	19/03	94127	2	33,38/02;6,9,13,16,18/03
74394	2	28,31,41,49,50/02;3, 39/03	75220	12	36,39,49/02;4,20,26, 39/03	82787	9	19/03	94160	7	33,38,44,46,47,50,51, 52/02;9,10,12,16,17,18, 19,28,31/03
74410	3	38/02;7/03				91297	9	19/03	94164	2	46,50,51/02;12,16,19/03

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 28/02 THROUGH NM 39/03

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.
94165	4	50/02;18,24/03	95143	11	40,45,47,48,49,50/02;1,5,6,7,8,9,10,11,12,13,16,17,19,23,24,25,27,28,30,36/03	96521	3	21/03	97183	9	44/02;5,9,14,16,18,22,26/03
94180	9	32,42,44,47,50,51/02;23,28/03	95144	9	38,41,46,48,50,52/02;1,6,8,9,10,11,13,16,21,23,24,35,37/03	96540	5	10/03	97184	15	28,47/02;1,7,12,14,18,22,39/03
94184	2	N51/02	95146	14	36,38,39,40,41,44,46,47,48,50,52/02;1,8,9,16,21,23,24,31,32,35,37/03	96560	3	10/03	97185	2	43/02;1,7/03
94187	3	32/02;14,23,36/03	95147	13	39,41,44,45,46,47,48,49/02;1,5,9,19,23,25,28,29,31,32,35,36/03	96580	3	10/03	97187	3	44,48/02;9,18/03
94188	2	44,46,47,51/02;8,28/03	95148	17	34,36,37,38,41,43,48,49,52/02;8,9,19,24,25,27,30,32,35/03	96620	3	38/03	97188	2	1,7,13,17,20,22,27,35/03
94201	1	51/02;24,28/03	95149	5	37,38/02;6,9,19,28,30,31,32,35/03	96621	5	10,38/03	97189	2	28,44/02;9,14,18,22,39/03
94203	10	41,42,44,46,47,52/02;10,11,24/03	95150	2	34,36,37,38,43/02;19,25,32/03	96660	4	36/03	97190	2	34,39,52/02;8,13/03
94206	3	41,42,44,47,52/02;11,19/03	95151	17	34,36,37,38,40,47,50/02;1,5,19,23,28,29,30,37/03	96760	4	29,02/17/03	97200	9	52/02;8,16,17,22,25,26,29/03
94207	5	N42,N44,N47,N52/02;N11,N19/03	95152	5	37,38/02;6,9,19,28,30,31,32,35/03	96763	7	29,43,48/02;9,17,32,37/03	97201	7	18,28/03
94208	6	N44/02	95153	2	34,36,37,38,43/02;19,25,32/03	96764	3	34/03*	97202	15	43,44,52/02;20,25/03
94216	6	45/02;10,17/03	95154	13	41,42,44,45,46,47,48,49/02;1,5,9,19,23,25,28,29,31,32,35/03	96800	4	41/02	97204	9	28,29,45,52/02;4,6,10,19,20,25,33/03
94217	4	30/02;6/03	95155	17	34,36,37,38,40,47,50/02;1,5,19,23,28,29,30,37/03	96901	3	7/03	97205	3	18,28/03
94218	3	30,36/02;6,18/03	95156	16	31,40,45,48,50/02;1,5,6,8,9,10,17,19,23,25,27,30,37/03	96902	2	45/02	97206	2	23/03
94219	1	47/02	95157	10	44/02;1,6,9,11,14,17,21/03	96904	3	34/03*	97218	3	41/02;6,33/03
94220	4	41,42,47,49/02;8,10,11,17,18,33/03	95158	2	34,36,37,38,43/02;19,25,32/03	96910	1	10/03	97219	4	31/02;6,9,13,20,23,25/03
94260	5	49/02;1,6,11,31/03	95159	13	41,42,47,52/02;1,6,8,9,11,17,19,21,24,25,27,33,36/03	96938	4	4/03	97220	3	31,37,39,42,43,44/02;6,8,9,17,18,23,29,33/03
94280	5	51/02;15,32/03	95160	13	41,42,47,52/02;1,6,8,9,11,17,19,21,24,25,27,33,36/03	96944	6	45,52/02;6,13,20/03	97221	20	31,37,39,42,44,45,49,52/02;6,8,9,10,13,17,18,19,20,22,23,25,26,29,33/03
94281	6	6/03	95161	16	31,40,45,48,50/02;1,5,6,8,9,10,17,19,23,25,27,30,37/03	96945	3	43,52/02;20,22,23/03	97222	12	28,47/02;10,22,29/03
94282	9	46/02;8/03	95162	2	40,44,47/02;10,14,19,30,35/03	96947	15	6,12,13/03	97223	3	42,44,48/02;16,17,22,23/03
94283	7	46/02;2,8,12,32/03	95163	2	1,6,9,10,13,14,17,21/03	96948	8	21,22/03	97224	6	46,47,49/02
94290	2	1,7,31/03	95164	4	43,48/02;1,6,9,27/03	96949	21	45/02;22/03	97225	31	37,39,42,44,45/02;6,8,9,10,17,18,19,23,25,33/03
94322	14	8/03	95165	10	44/02;1,6,9,11,14,17,21/03	96960	3	7/03	97226	7	18/03
94360	6	32,43/02;6,13/03	95166	2	44,50,52/02;11,16,23/03	96962	4	30,35/02;1,9,22,33/03	97227	11	42,43/02;9,18,30,34/03
94361	13	32/02;13,15/03	95167	1	1,6,9,21,37/03	97000	3	17/03	97228	15	28,30,39,40,42,43/02;5,6,9,15,17,18,20,21,22,27,29,35/03
94363	4	32,43/02;16,18,29/03	95168	1	1,6,9,21,37/03	97004	9	45,47/02;10,12,22/03	97229	12	31,36,39,47/02;6,8,9,18,28,33/03
94380	4	N5,N6,N18/03	95169	2	1,6,9,10,13,14,17,21/03	97042	7	14,20/03	97230	18	29,36,52/02;6,9,28,33/03
94384	3	5/03	95170	1	1,6,9,21,37/03	97043	2	14,20/03	97231	11	41/02;6,23,33/03
94420	3	39/02;4,8,11,13,14,23/03	95171	1	1,6,9,21,37/03	97060	8	46/02;12,14,22,26/03	97232	8	22,25,33/03
94421	10	45/02;4/03	95172	1	1,9,21,32/03	97061	3	52/02	97233	11	31,33,43,44,49/02;1,5,6,9,15,16,23,33,35/03
94423	12	45/02;11/03	95173	1	5,10,52/02;1,28/03	97062	12	44/02;6,10,22,26,34,35/03	97234	17	29,43,47,49/02;1,6,8,9,16/03
94427	2	N32/02	95174	1	5,10,52/02;12,27/03	97064	2	6,14,33/03	97236	20	31,47/02;9,16,23,35/03
94440	2	46/02;18/03	95175	1	5,10,52/02;1,28/03	97080	5	16,22,26/03	97239	10	31,33/02;1,5,9,16,23/03
95016	8	40/02	95176	2	31/02;8,11,30,35/03	97082	5	46/02;16,34/03	97241	6	10/03
95040	8	40/02;11/03	95177	1	41,50/02;9/03	97083	3	29,34,35/03	97243	8	28,29,31,33,48/02;1,5,6,21,27,33/03
95060	13	40,43,44,47,48,52/02;1,6,11,14,17,19,21,23,29,31,33/03	95178	11	40,42,44,49/02;1,6,9,10,21,23,29,31,33/03	97141	5	40,46/02;8,13,20/03	97244	5	9/03
95065	5	48/02;10,31/03	95179	2	31,40,44,49/02;10,35/03	97143	11	31,43,45/02;9,13,20,25,26/03	97245	11	28,36/02;1,5,9,29/03
95066	11	41,43,44,47,48,49,50/02;1,5,6,17,19,21,23,25,27,31,32,33/03	95180	6	23/03	97144	14	44*,46/02;7,8,9,13,20,39/03	97246	7	43,52/02;5/03
95067	13	41,44,46/02;1,5,10,17,23,28,37/03	95181	2	44/02;1,7,13/03	97145	1	43/02;8,9,25/03	97251	4	6,10,17,36/03
95068	1	41,42,45,47/02;12,14,17,25,28,37/03	95182	3	48/02	97146	10	44/02*,15,39/03	97261	15	41/02;1,5,7,18,21,26/03
95080	13	30,33,40,44,45,50,52/02;1,6,7,9,10,14,17,19,21,24,25,27,28,30,31,32/03	95183	8	48/02;25/03	97147	9	45/02;9,27/03	97262	10	29,34/02;1,5,6,7,15,21,26,33/03
95082	9	30,33,44,46/02;1,4,7,11,17,25,27,28,30/03	95184	16	39,48/02;6,9,13/03	97148	20	34,35,44,45/02;1,16,25/03	97263	10	5,7,9,15,18,21/03
95083	8	33/02;1,4,19,28/03	95185	4	48/02;9,10,12,13,20,23,26,36/03	97149	14	44*,46/02;7,8,9,13,20,39/03	97264	5	37,41/02;1,5,6,7,14,15,18,26/03
95084	7	50,52/02;8,12,17/03	95186	2	48/02;26/03	97150	13	34,39,43,44/02;20,27/03	97265	7	43,52/02;5/03
95085	4	45,52/02;1,6,11,12,27,33/03	95187	3	48/02	97151	16	31,35,44,45/02;12,13,14,16,20,25/03	97266	5	37,41/02;1,5,6,7,14,15,18,26/03
95086	5	45,52/02;1,6,8,11,12,23,27,31,33/03	95188	9	48/02;8,20,26/03	97152	8	37/20/03	97267	16	29,40,41/02;1,5,6,8,10,13,18,26,27/03
95087	3	33,40,48/02;1,8,30,31/03	95189	15	7,10,14,36/03	97153	7	31/02;16,20/03	97268	10	6/03
95100	12	38,39,43,44,45,46,47,50,52/02;1,4,6,7,8,9,10,17,23,25,27,28,29,31,37/03	95190	7	10,21,39/03	97154	2	36/02	97269	11	45/02;8,13,18,27/03
95101	8	39,44,50/02;1,5,6,9,14,17,28,31/03	95191	11	42,47/02;1,10/03	97155	14	44,46/02;7,8,9,13,20,36/03	97270	6	36,44/02;1,5/03
95102	8	38,42,45,46,47,48,50,52/02;1,4,5,8,13,14,17,23,25,27/03	95192	16	30/02;9,13,16,20/03	97156	6	37/02;1,14/03	97271	12	29,37,39/02;6,10,12,26,35/03
95103	8	42,43,45,47,52/02;4,6,7,10,12,19,27,28,31/03	95193	4	44,45/02	97157	1	35,37/02	97272	11	52/02;6,10,12,14,23,37/03
95120	7	42,43,52/02;1,4,14,21,26/03	95194	2	36/03	97158	4	25/03	97273	11	34/03*
95138	8	45,46,48,49,50,52/02;8,16,17,19,23,24,25,27,28,29,33,35,37/03	95195	6	33,39/02;7,14,16/03	97159	6	33,39/02;7,14,16/03	97274	19	31,34,39,45/02;6,9,15,17,18,23,37/03
95140	15	38,40,41,44,48,49,52/02;1,7,8,9,10,17,21,24,25,27,29,33,35,37/03	95196	7	30/02	97160	4	31,34,39,43,45,46,48/02;4,8,13,20,22,26/03	97276	1	29,40/02;9/03
95141	8	45,47,50,52/02;1,6,7,8,17,19,21,23,25,27,28,29,33,35,37/03	95197	1	10/03	97161	1	7,14,16/03	97277	11	1,5,6,8,9,14,35,39/03
95142	9	50,52/02;8,10,19,23,29/03	95198	2	10,12,21/03	97162	1	7,16/03	97278	11	39/02;1,20,35,39/03
95144	1	41/02;10/03	95199	11	10,21,39/03	97163	1	14,36/03	97279	9	9,27/03
95145	4	46,48/02	95200	14	44,45/02	97164	1	7,14,16/03	97280	4	52/02
95146	1	41/02;10/03	95201	11	10,21,39/03	97165	1	7,16/03	97281	2	41/02
95147	2	12/03	95202	4	41/02	97166	1	33/02;21/03	97282	3	45/02;9/03
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95151	9	50,52/02;8,10,19,23,29/03	95206	7	10/03	97170	13	31,34,39,46,48/			

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 28/02 THROUGH NM 39/03

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

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97340	8	33,38,52/02;16,17,18,22, 36/03			
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NM 39/03

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							
13AHA13290 (7642014010424)	Casco Bay	40,000	<u>35</u>	<u>8/03</u>	NOS	1-95	39/03	
14XHA14213 (7642015019402)	<u>Can. 1314, Donnacona to Batican</u> <u>46 26 00N 72 15 46W</u> <u>46 42 06N 71 41 34W</u> Plans: <u>Batican</u> <u>Portneuf</u> (Plans not shown on index)	<u>40,000</u>		<u>9/00</u>	CHS	1-36,39, 95	39/03	
14XHA14214 (7642015019401)	<u>Can. 1315, Quebec to Donnacona</u> <u>46 35 30N 71 45 10W</u> <u>46 51 30N 71 10 58W</u> Plan: <u>Mouillage de Saint-Nicolas</u> (Plan not shown on index)	<u>40,000</u>		<u>6/02</u>	CHS	1-36,39, 95	39/03	
14XHA14215 (7642015019404)	<u>Can. 1316, Port de Quebec</u> <u>46 44 12N 71 16 28W</u> <u>46 53 09N 71 07 40W</u> Continuation: <u>Port de Quebec</u> (Continuation not shown on index)	<u>15,000</u>		<u>2/99</u>	CHS	1-36,39, 95	39/03	
14XHA14216 (7642015019405)	<u>Can. 1317, Sault-Au-Cochon to Quebec</u> <u>46 51 42N 70 56 40W</u> <u>46 51 42N 70 38 20W</u> <u>46 54 26N 70 38 20W</u> <u>47 11 42N 70 13 10W</u> <u>47 12 00N 70 13 10W</u> <u>47 12 00N 70 56 40W</u> Continuation: <u>Sault-Au-Cochon to Quebec</u> <u>46 46 12N 71 15 58W</u> <u>46 46 12N 70 51 40W</u> <u>47 05 24N 70 51 40W</u> <u>46 48 42N 71 15 58W</u>	<u>50,000</u>		<u>8/01</u>	CHS	1-36,39, 95	39/03	
14XHA14218 (7642015019407)	<u>Can. 1233, Cap Aux Oies to Sault-Au-Cochon</u> <u>47 09 46N 70 43 06W</u> <u>47 30 00N 69 59 37W</u> Plans: <u>Saint Joseph de La Rive</u> <u>L'Isle Aux Coudres</u> <u>Saint Jean Port Joli</u> (Plans not shown on index)	<u>50,000</u>		<u>11/01</u>	CHS	1-36,39, 95	39/03	
14XHA14220 (7642015019409)	<u>Can. 1235, Pointe Au Boisvert to Cap de La Tete Au Chien</u> <u>47 50 00N 69 48 58W</u> <u>48 35 16N 69 00 58W</u> Plan: <u>Les Escoumins</u> <u>48 20 30N 69 23 50W</u>	<u>80,000</u>		<u>3/00</u>	CHS	1-36,39, 95	39/03	
14XHA14224 (7642015019410)	<u>Can. 1203, Tadoussac to Cap Eternite</u> <u>48 09 49N 70 01 58W</u> <u>48 06 27N 69 44 02W</u> <u>48 02 00N 69 44 02W</u> <u>48 02 00N 69 31 58W</u> <u>48 11 30N 69 31 58W</u> <u>48 11 30N 69 42 46W</u> <u>48 16 12N 69 42 46W</u> <u>48 16 12N 70 01 58W</u> Continuation: <u>Tadoussac to Cap Eternite</u> <u>48 13 42N 70 17 16W</u> <u>48 17 48N 69 59 58W</u> Plan: <u>Tadoussac</u> <u>48 08 20N 69 43 10W</u>	<u>37,500</u>		<u>11/01</u>	CHS	1-36,39, 95	39/03	
14AHA14225 (7642014010522)	Canceled					1-36,39, 95	39/03	
14AHA14226 (7642014010519)	Canceled					1-36,39, 95	39/03	
14AHA14227 (7642014010520)	Canceled					1-36,39, 95	39/03	

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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				
14AHA14228 (7642014010525)	Canceled						1-36,39, 95	39/03
14XHA14229 (7642015019412)	<u>Can. 1202, Cap Eternite to Saint Fulgence</u> 48 19 04N 70 43 01W 48 19 04N 70 26 10W 48 15 24N 70 13 48W 48 23 59N 70 13 48W 48 23 59N 70 43 01W <u>Continuation: Cap Eternite to Saint Fulgence</u> <u>Plan: Baie des Ha Ha</u> (Continuation and Plan not shown on index)	37,500	9/99		CHS	1-36,39, 95	39/03	
14AHA14241 (7642014010526)	Canceled						1-36,39, 95	39/03
14AHA14243 (7642014010523)	Canceled						1-36,39, 95	39/03
14XHA14244 (7642014010632)	Canceled						1-36,39, 95	39/03
14XHA14245 (7642014010633)	Canceled						1-36,39, 95	39/03
14XHA14246 (7642014010629)	Canceled						1-36,39, 95	39/03
14XHA14247 (7642015019411)	<u>Can. 1209, Saint Fulgence to Riviere Shipshaw</u> 48 24 51N 71 04 52W 48 27 51N 70 52 39W <u>Continuation: Saint Fulgence to Riviere Shipshaw</u> 48 25 28N 70 13 16W 48 27 39N 70 03 54W	18,000	12/84		CHS	1-36,39, 95	39/03	
14XHA14249 (7642015019417)	<u>Can. 4026, Havre-Saint-Pierre and Cap des Rosiers to Pointe des Monts</u> 48 50 00N 67 26 58W 50 40 00N 63 04 57W	300,000	1/01		CHS	1-36,39, 96	39/03	
14ACO14260 (7642014010498)	Canceled						1-36,39, 96	39/03
14XHA14867 (7642014010680)	Saginaw River	20,000	26	7/03	NOS	1-96	39/03	
18ACO18441 (7642014011493)	Puget Sound-Northern Part	80,000	43	7/03	NOS	1-98	39/03	
18BHA18754 (7642014011595)	Newport Bay	10,000	17	7/03	NOS	1-98	39/03	
MISCELLANEOUS CHARTS AND PUBLICATIONS								
WOXZC5104 (7642014007265)	Mean Positions of Ocean Fronts	52,500,000	1	1984	D	10-16	39/03	
CDPUBSD127 (7644014665856)	<u>East Coast of Australia and New Zealand (Enroute), 2003</u>				GPO	10-19, 38	39/03	

Price Categories effective 1 October 2002

A	17.75	E	9.00	G	4.50	I	26.25
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CHS Canadian Hydrographic Service

DS Distribution Limited

GPO Government Printing Office

NOS National Ocean Service

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NIMA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

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

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

PUB 163 (Continued)

with depths of 25m over them, are located 3 miles due W of Mayne Rock and can best be seen on the chart.

Arsat Rocks ($6^{\circ}30'N.$, $116^{\circ}26'E.$), which generally break, consist of two small rocks which dry 2.4m, lying 8.5 miles NE of Pulau Usukan. A shallow spit, with a depth of 3.7m, extends 0.25 mile NE from these rocks.

The SE extremity of Pulau Usukan in range, bearing 216° with Tanjung Kaduko, leads 0.3 mile NW of Arsat Rocks.
(16(113)03 Jakarta) 39/03

PUB 172 9 Ed 2001 LAST NM 38/03

Page 83—Lines 17 to 18/R; read:

The loading elevator on the phosphate pier is conspicuous.
(BA NM 35/03, Section IV) 39/03

Page 216—Lines 47 to 51/R; read:

25,000 dwt can be accommodated.

The Borouge Polyethelene Terminal (Borouge Jetty), previously known as the Construction Wharf and situated about 2 miles SE of the Bulk Cargo Terminal, consists of a quay, 276m long, with a dredged depth of 9.5m alongside. A ro-ro ramp is located at the W end of the quay. The approach channel, which is 120m wide, and a turning basin, which has a diameter of 300m, are dredged to 8.3m. Vessels up to 12,000 dwt, with a maximum length of 150m, a maximum beam of 23m, and a maximum draft of 8.3m, can be accommodated.

Cargo and ro-ro vessels, with a draft over 4.2m, anchor out

(PUBS 017/03; 35(3738)03 Taunton;
BA NM 35/03, Section IV) 39/03

PUB 174 8 Ed 2000 LAST NM 30/03

Page 26—Lines 1 to 10/R; read:

Pulau Bunta (Boenta) lies between Aroih Raya and Aroih Cut (Tjoet) ($5^{\circ}32'N.$, $95^{\circ}09'E.$).

A shoal, with a depth of 3m, lies about 4 miles SW of Pulau Nasi. A shoal, with a depth of 8.5m, lies about 2 miles S of Pulau Bunta.

Pulau Batee, lying about 1 mile NE of the E end of Pulau Bunta, is mostly wooded and rises to 129m. The island is long and narrow. The mountain range runs along its NE side.

A rock, awash, with sunken rocks N of it, lies about midway between the entrances to Cedar Passage. A sunken wreck, dangerous to surface navigation, lies 1 mile NW of Pulau Usamlakoh and can best be seen on the chart.
(16(112)03 Jakarta) 39/03

PUB 192 8 Ed 2003 LAST NM 38/03

Page 159—Line 1/L; read:

2. Vessels over 90m in length, 13m beam, or 6m draft.
(Ger NM 14/03) 39/03

Page 159—Lines 5 to 22/R; read:

a. RP 1a—A5/H15 Buoy (Hubertgat/Alte Ems, inbound only)—VHF channel 18.

b. RP 1b—No. 13 Lighted Buoy (Westerems, inbound only)—VHF channel 18.

c. RP 2—No. 72 Lighted Buoy—VHF channel 15.

d. RP 3—Gandersum—VHF channel 15.

e. RP 4—Papenburg—VHF channel 15.

(Ger NM 21/03) 39/03

PUB 194 9 Ed 2002 LAST NM 38/03

Page 101—Lines 20 to 21/L; read:

Vessels should send a request for pilotage at least 12 hours in advance of arriving at Lubeck-Gedser Route No. 1 Lighted Buoy ($54^{\circ}04.6'N.$, $11^{\circ}02.0'E.$). Vessels should then send a confirmation by VHF 2 hours prior to arrival. Pilots can be contacted by VHF (Lubeck Pilot) and board in the vicinity of Trave Lighted Buoy ($54^{\circ}00.0'N.$, $10^{\circ}56.3'E.$).
(Ger NM 29/03) 39/03

Page 101—Lines 1 to 4/R; strike out.

(NIMA)

39/03

COAST PILOT CORRECTIONS**COAST PILOT 1 33 Ed 2003 Change No. 13 LAST NM 34/03**

Page 367—Paragraph 95, lines 1 to 2; read:

Northern Right Whales

Northern right whales may occur in the Stellwagen Bank and Jefferys Ledge area in all months, ...

(CL 1381/03) 39/03

COAST PILOT 2 32 Ed 2003 Change No. 20 LAST NM 36/03

Page 128—Paragraph 2049; insert after:

§165.163 Regulated Navigation Area: Long Island Sound Marine Inspection and Captain of the Port Zone.

(a) *Regulated Navigation Area location.* All waters of the Long Island Sound Marine Inspection and Captain of the Port (COTP) Zone, as delineated in 33 CFR 3.05-35, extending seaward 12 nautical miles from the territorial sea baseline, are established as a regulated navigation area (RNA).

(b) *Applicability.* This section applies to all vessels operating within the RNA excluding public vessels.

(c) *Definitions.* The following definitions apply to this section:

Commercial service means any type of trade or business involving the transportation of goods or individuals, except service performed by a combatant vessel.

Ferry means a vessel that:

(1) Operates in other than ocean or coastwise service;

(2) Has provisions only for deck passengers or vehicles, or both;

(3) Operates on a short run on a frequent schedule between two points over the most direct water route; and

(4) Offers a public service of a type normally attributed to a bridge or tunnel.

Public vessels means vessels owned or bareboat chartered and operated by the United States, or by a State or political subdivision thereof, or by a foreign nation, except

COAST PILOT 2 (Continued)

when such vessel is engaged in commercial service.

Territorial sea baseline means the line defining the shoreward extent of the territorial sea of the United States drawn according to the principles, as recognized by the United States, of the Convention on the Territorial Sea and the Contiguous Zone, 15 U.S.T. 1606, and the 1982 United Nations Convention on the Law of the Sea (UNCLOS), 21 I.L.M. 1261. Normally, the territorial sea baseline is the mean low water line along the coast of the United States.

(d) *Regulations.* (1) Speed restrictions in the vicinity of Naval Submarine Base New London and Lower Thames River. Unless authorized by the Captain of the Port (COTP), vessels of 300 gross tons or more may not proceed at a speed in excess of eight knots in the Thames River from New London Harbor channel buoys 7 and 8 (Light List numbers 21875 and 21880 respectively) north through the upper limit of the Naval Submarine Base New London Restricted Area, as that area is specified in 33 CFR 334.75(a). The U.S. Navy and other Federal, State and municipal agencies may assist the U.S. Coast Guard in the enforcement of this rule.

(2) *Enhanced communications.* Vessels of 300 gross tons or more and all vessels engaged in towing barges must issue sécurité calls on marine band or Very High Frequency (VHF) radio channel 16 upon approach to the following locations:

- (i) Inbound approach to Cerberus Shoal; and
- (ii) Outbound approach to Race Rock Light (USCG Light List No. 19815).

(3) All vessels operating within the RNA that are bound for a port or place located in the United States or that must transit the internal waters of the United States, must be inspected to the satisfaction of the U.S. Coast Guard, before entering waters within three nautical miles from the territorial sea baseline. Vessels awaiting inspection will be required to anchor in the manner directed by the COTP. This section does not apply to vessels operating exclusively within the Long Island Sound Marine Inspection and COTP Zone, vessels on single voyage which depart from and return to the same port or place within the RNA, all towing vessels engaged in coastwise trade, vessels in innocent passage not bound for a port or place subject to the jurisdiction of the United States, and all vessels not engaged in commercial service whose last port of call was in the United States. Vessels requiring inspection by the COTP may contact the COTP via marine band or Very High Frequency (VHF) channel 16, telephone at (203) 468-4401, facsimile at (203) 468-4418, or letter, addressed to Captain of the Port, Long Island Sound, 120 Woodward Ave., New Haven, CT 06512.

(4) All vessels operating within the RNA that are bound for a port or place located in the United States or that must transit the internal waters of the United States, must obtain authorization from the Captain of the Port (COTP) before entering waters within three nautical miles from the territorial sea baseline. Vessels awaiting COTP authorization to enter waters within three nautical miles from the territorial sea baseline will be required to anchor in the manner directed by the COTP. This section does not apply to vessels operating exclusively within the Long Island Sound Marine Inspection and COTP Zone, vessels

on a single voyage which depart from and return to the same port or place within the RNA, all towing vessels engaged in coastwise trade, vessels in innocent passage not bound for a port or place subject to the jurisdiction of the United States, and all vessels not engaged in commercial service whose last port of call was in the United States. Vessels may request authorization from the COTP by contacting the COTP via marine band or Very High Frequency (VHF) channel 16, telephone at (203) 468-4401, facsimile at (203) 468-4418, or letter addressed to Captain of the Port, Long Island Sound, 120 Woodward Ave., New Haven, CT 06512.

(5) Vessels over 1,600 gross tons operating in the RNA within three nautical miles from the territorial sea baseline that are bound for a port or place located in the United States or that must transit the internal waters of the United States must receive authorization from the COTP prior to transiting or any intentional vessel movements, including, but not limited to, shifting berths, departing anchorage, or getting underway from a mooring. This section does not apply to vessels in innocent passage not bound for a port or place subject to the jurisdiction of the United States.

(6) *Ferry vessels.* Vessels of 300 gross tons or more are prohibited from entering all waters within a 1200-yard radius of any ferry vessel transiting in any portion of the Long Island Sound Marine Inspection and COTP Zone without first obtaining the express prior authorization of the ferry vessel licensed operator, licensed master, COTP, or the designated COTP on-scene patrol.

(7) *Vessels engaged in commercial service.* No vessel may enter within a 100-yard radius of any vessel engaged in commercial service while that vessel is transiting, moored, or berthed in any portion of the Long Island Sound Marine Inspection and COTP zone without the express prior authorization of the vessel's licensed operator, master, COTP, or the designated COTP on-scene representative.

(8) *Bridge foundations.* Any vessel operating beneath a bridge must make a direct, immediate and expeditious passage beneath the bridge while remaining within the navigable channel. No vessel may stop, moor, anchor or loiter beneath a bridge at any time. No vessel may approach within a 25-yard radius of any bridge foundation, support, stanchion, pier or abutment except as required for the direct, immediate and expeditious transit beneath a bridge.

(9) This section does not relieve any vessel from compliance with applicable navigation rules.

§165.154 Safety and Security Zones: Long Island Sound Marine Inspection Zone and Captain of the Port Zone.

(a) *Safety and security zones.* The following areas are safety and security zones:

(1) *Dominion Millstone Nuclear Power Plant Safety and Security Zones.* (i) All waters north and north east of a line running from Bay Point, at approximate position 41°18.57'N., 072°10.41'W, to Millstone Point at approximate position 41°18.25'N., 072°09.96'W.

(ii) All waters west of a line starting at 41°18.700'N., 072°09.650'W. running south to the eastern most point of Fox Island at approximate position 41°18.400'N.,

COAST PILOT 2 (Continued)

072°09.660'W. All coordinates are North American Datum 1983.

(2) *Coast Guard Vessels Safety and Security Zones.* All waters within a 100-yard radius of any anchored Coast Guard vessel. For the purposes of this section, Coast Guard vessels includes any commissioned vessel or small boat in the service of the regular Coast Guard and does not include Coast Guard Auxiliary vessels.

(b) *Regulations.* (1) The general regulations contained in §165.23 and §165.33 of this part apply.

(2) In accordance with the general regulations in §165.23 and §165.33 of this part, entry into or movement within this zone is prohibited unless authorized by the Captain of the Port, Long Island Sound.

(3) All persons and vessels shall comply with the instructions of the Coast Guard Captain of the Port or on-scene patrol personnel. These personnel comprise commissioned, warrant, and petty officers of the Coast Guard. Upon being hailed by a U.S. Coast Guard vessel by siren, radio, flashing light, or other means, the operator of a vessel shall proceed as directed.

(FR 8/15/03) 39/03

**COAST PILOT 4 35 Ed 2003 Change No. 12
LAST NM 36/03**

Page 304—Paragraph 76, lines 4 to 5; read:

June 2003, the controlling depth was 10 feet in the channel to Light 17; thence in 2002, 8.4 feet to Light 23; ...

(BPs 181265-66) 39/03

Page 314—Paragraph 158; read:

Cape Fear Community College Wharf (34°14'23"N., 77°57'09"W.): 287-foot face, 322 feet usable with dolphin; 20 feet alongside; deck height, 10 feet; mooring of the college's training vessels.

(CL 1388/03) 39/03

Page 337—Paragraph 195, lines 4 to 10; read:

of the Intracoastal Waterway. Electricity, gasoline, diesel fuel, water, ice, pump-out station, launching ramp, marine supplies, and wet storage are available. In July 2003, depths of 13 feet were reported alongside the berths. A marina, about 600 yards northeast of the municipal marina, has electricity, gasoline, diesel fuel, water, ice, ...

(DB 1903; NOS 11518) 39/03

Page 442—Paragraph 98, lines 17 to 18; read:

350 yards from the bridge.

(NOS 11445; LL/03) 39/03

**COAST PILOT 5 30 Ed 2003 Change No. 50
LAST NM 37/03**

Page 115—Paragraph 2491, line 1; read:

§165.761 Security Zones; Port of Palm Beach, Port Everglades, Port of Miami, and Port of Key West, Florida.

(a) *Location.* The following areas are security zones:

(1) *Fixed and moving security zones around vessels in the Ports of Palm Beach, Port Everglades, Miami, and Key*

West, Florida. Moving security zones are established 100 yards around all passenger vessels, vessels carrying cargoes of particular hazard, or vessels carrying liquefied hazardous gas (LHG) as defined in 33 CFR parts 120, 126 and 127 respectively, during transits entering or departing the Ports of Palm Beach, Port Everglades, Miami or Key West, Florida. These moving security zones are activated when the subject vessel passes: "LW" buoy, at approximate position 26°46.3'N., 080°00.6'W., when entering the Port of Palm Beach, passes "PE" buoy, at approximate position 26°05.5'N., 080°04.8'W., when entering Port Everglades; the "M" buoy, at approximate position 25°46.1'N., 080°05.0'W., when entering the Port of Miami; and "KW" buoy, at approximate position 24°27.7'N., 081°48.1'W., when entering the Port of Key West. Fixed security zones are established 100 yards around all passenger vessels, vessels carrying cargoes of particular hazard or liquefied hazardous gas (LHG) as defined in 33 CFR parts 120, 126 and 127 respectively, while they are docked in the Ports of Palm Beach, Port Everglades, Miami or Key West, Florida.

(2) *Fixed security zone in the Port of Miami, Florida.* A fixed security zone encompasses all waters between Watson Park and Star Island on the MacArthur Causeway south to the Port of Miami. The western boundary is formed by an imaginary line from points

25°46.79'N., 080°10.90'W., to

25°46.77'N., 080°10.92'W. to

25°46.88'N., 080°10.84'W., and ending on Watson Park at 25°47.00'N., 080°10.67'W. The eastern boundary is formed by an imaginary line from the traffic light located at Bridge road, in approximate position 25°46.33'N., 080°09.12'W., which leads to Star Island, and MacArthur Causeway directly extending across the Main Channel to the Port of Miami, at 25°46.26'N., 080°09.18'W. The fixed security zone is activated when two or more passenger vessels, vessels carrying cargoes of particular hazard, or vessels carrying liquefied hazardous gas (LHG) as defined in 33 CFR parts 120, 126 and 127 respectively, enter or moor within this zone.

(i) Vessels may be allowed to transit the Main channel when only one passenger vessel or vessel carrying cargoes of particular hazard are berthed, by staying on the north side of the law enforcement boats and cruise ship tenders which will mark a transit lane in channel.

(ii) When passenger vessels are not berthed on the Main Channel, navigation will be unrestricted. Law enforcement vessels can be contracted on VHF Marine Band Radio, Channel 16 (156.8 MHz).

(3) *Fixed security zones in the Port Everglades.* A fixed security zone encompasses all waters west of an imaginary line starting at the northern most point 26°05.98'N., 080°07.15'W., near the west side of the 17th Street Causeway Bridge, to the southern most point 26°05.41'N., 80°06.96'W., on the northern tip of pier 22. An additional fixed security zone encompasses the Intracoastal Waterway between a line connecting point 26°05.41'N., 080°06.97'W., on the northern tip of berth 22 and a point directly east across the Intracoastal Waterway to 26°05.41'N., 080°06.74'W.; and a line drawn from the cor-

COAST PILOT 5 (Continued)

ner of Port Everglades berth 29 at point 26°04.72'N., 080°06.92'W., easterly across the Intracoastal Waterway to John U. Lloyd Beach, State Recreational Area at point 26°04.72'N., 080°06.81'W.

(i) Vessels may be allowed to transit the Intracoastal Waterway when passenger vessels or vessels carrying cargoes of particular hazard are berthed, by staying east of the law enforcement vessels and cruise ship tenders, which will mark a transit lane in the Intracoastal Waterway.

(ii) Periodically, vessels may be required to temporarily hold their position while large commercial traffic operates in this area. Vessels in this security zone must follow the orders of the COTP or his designated representative, who may be embarked in law enforcement or other vessels on scene. When passenger vessels are not berthed on the Intracoastal Waterway, navigation will be unrestricted. Law enforcement vessels can be contacted on VHF Marine Band Radio, Channel 16 (156.8 MHz).

(b) *Regulations.* (1) Prior to commencing the movement, the person directing the movement of a passenger vessel, a vessel carrying cargoes of particular hazard or a vessel carrying liquefied hazardous gas (LHG) as defined in Title 33, Code of Federal Regulations parts 120, 126 and 127 respectively, is encouraged to make a security broadcast on VHF Marine Band Radio, Channel 13 (156.65 MHz) to advise mariners of the moving security zone activation and intended transit.

(2) In accordance with the general regulations §165.33 of this part, entry into these zones is prohibited except as authorized by the Captain of the Port Miami or his designated representative. Other vessels such as pilot boats, cruise ship tenders, tug boats and contracted security vessels may assist the Coast Guard Captain of the Port under the direction of his designated representative by monitoring these zones strictly to advise mariners of the restrictions. The Captain of the Port will notify the public via Marine Safety Radio Broadcast on VHF Marine Band Radio, Channel 16 (156.8 MHz) when the security zones are being enforced.

(3) Persons desiring to enter or transit the area of the security zone may contact the Captain of the Port at (305) 535-8701 or on VHF Marine Band Radio, Channel 16 (156.8 MHz) to seek permission to transit the area. If permission is granted, all persons and vessels must comply with the instructions of the Captain of the Port or his or her designated representative.

(4) The Captain of the Port Miami may waive any the requirements of this subpart for any vessel upon finding that the vessel or class of vessel, operational conditions, or other circumstances are such that application of this subpart is unnecessary or impractical for the purpose of port security, safety or environmental safety.

(c) *Definition.* As used in this section, cruise ship means a passenger vessel greater than 100 feet in length and over 100 gross tons that is authorized to carry more than 12 passengers for hire making voyages lasting more than 24 hours, except for a ferry.

(d) *Authority.* In addition to 33 U.S.C. 1231 and 50 U.S.C. 191, the authority for this section includes 33 U.S.C.

1226.

§165.762 Security Zone; St. Thomas, U.S. Virgin Islands.

(a) *Location.* Moving and fixed security zones are established 50 yards around all cruise ships entering, departing, moored or anchored in the Port of St. Thomas, U.S. Virgin Islands. The security zone for a cruise ship entering port is activated when the vessel passes: St. Thomas Harbor green lighted buoy 3 in approximate position 18°19'19"N., 64°55'40"W. when entering the port using St. Thomas Channel; red buoy 2 in approximate position 18°19'15"N., 64°55'59"W. when entering the port using East Gregorie Channel; and red lighted buoy 4 in approximate position 18°18'16"N., 64°57'30"W. when entering the port using West Gregorie Channel. These zones are deactivated when the cruise ship passes any of these buoys on its departure from the Port.

(b) *Regulations.* (1) Under general regulations in §165.33 of this part, entering, anchoring, mooring or transiting in these zones is prohibited unless authorized by the Coast Guard Captain of the Port of San Juan.

(2) Persons desiring to transit the area of the security zone may contact the Captain of the Port at the Greater Antilles Section Operations Center at (787) 289-2041 or via VHF radio on Channel 16 to seek permission to transit the area. If permission is granted, all persons and vessels must comply with the instructions of the Captain of the Port or his designated representative.

(3) The Marine Safety Office San Juan will attempt to notify the maritime community of periods during which these security zones will be in effect by providing advance notice of scheduled arrivals and departures of cruise ships via a broadcast notice to mariners.

(c) *Definition.* As used in this section, cruise ship means a passenger vessel greater than 100 feet in length that is authorized to carry more than 150 passengers for hire, except for a ferry.

(d) *Authority.* In Addition to 33 U.S.C. 1231 and 50 U.S.C. 191, the authority for this section includes 33 U.S.C. 1226.

§165.764 Security Zones; Big Bend and Weedon Island Power Facilities, Tampa Bay, Florida.

(a) *Location.* The following areas, denoted by coordinates fixed using the North American Datum of 1983 (World Geodetic System 1984), are security zones:

(1) *Big Bend, Tampa Bay, Florida.* All waters of Tampa Bay, from surface to bottom, adjacent to the Big Bend Power Facility, and within an area bounded by a line connecting the following points: 27°47.85'N., 082°25.02'W. then east and south along the shore and pile to 27°47.63'N., 082°24.70'W. then north along the shore to 27°48.02'N., 082°24.70'W. then north and west along a straight line to 27°48.12'N., 082°24.88'W. then south along the shore and pile to 27°47.85'N., 082°25.02'W., closing off entrance to the Big Bend Power Facility.

(2) *Weedon Island, Tampa Bay, Florida.* All waters of Tampa Bay, from surface to bottom, extending 50 yards from the shore, seawall and piers around the Power Facility at Weedon Island encompassed by a line connecting the

COAST PILOT 5 (Continued)

following points: 27°51.52'N., 082°35.82'W. then north and east along the shore to 27°51.54'N., 082°35.78'W. then north to 27°51.68'N., 082°35.78'W. then north to 27°51.75'N., 082°35.78'W. closing off entrance to the canal then north to 27°51.89'N., 082°35.82'W., then west along the shore to 27°51.89'N., 082°36.10'W. then west to 27°51.89'N., 082°36.14'W closing off entrance to the canal.

(b) *Regulations.* (1) Entry into or remaining within these is prohibited unless authorized by the Coast Guard Captain of the Port, Tampa, Florida or their designated representative.

(2) Persons desiring to transit the area of the security zone may contact the Captain of the Port at telephone number 813-228-2189/91 or on VHF channel 16 to seek permission to transit the area. If permission is granted, all persons and vessels must comply with the instructions of the Captain of the Port or their designated representative.

(c) *Authority.* In addition to 33 U.S.C. 1231 and 50 U.S.C. 191, the authority for this section includes 33 U.S.C. 1226.

§165.802 Lower Mississippi River vicinity of Old ...

(FR 01/23/03; CL 1161/03; FR 06/04/03;

CL 1432/03; FR 8/12/03) 39/03

COAST PILOT 5 30 Ed 2003 Change No. 51

Page 200—Paragraph 207, lines 23 to 24; read:

published by the Marine Meteorology Division, Naval Research Laboratory, Monterey, CA 93943 and available on the internet at <https://www.cnmoc.navy.mil/>. Additional local

...
(CL 637/01; Internet/03) 39/03

Page 214—Paragraph 195, line 2; read:

reported controlling depth of 5.9 feet in January 2003. However, local ...

(CL 1084/03) 39/03

Page 387—Paragraph 82, lines 2 to 6; read:

waterway across Sarasota Bay to a turning basin at Payne Terminal and is described in chapter 4. The basin at Payne Terminal has a Coast Guard Auxiliary berth.

(CL 1221/03; BPs 181010-18) 39/03

Page 389—Paragraph 113, lines 4 to 9; read:

close W of the bayou. In March 2003, there was a reported controlling depth of 6 feet in the channel and basin. A **harbormaster** who assigns berths is at the marina; he can be reached by telephone (727-893-1071). A **speed limit** of "minimum no wake" is enforced. Gasoline ...

(DB 983) 39/03

**COAST PILOT 6 33 Ed 2003 Change No. 15
LAST NM 34/03**

Page 192—Paragraph 157; read:

Rochester Harbor Light (43°15'48"N., 77°36'00"W.), 40

feet above the water, is shown from a white cylindrical tower with red band on the outer end of the W pier.

(LL/03) 39/03

Page 224—Paragraph 197, lines 7 to 10; read:
marked by buoys. In April-May 2003, the controlling depths were 8 feet (15.8 feet at midchannel) from deep water in the lake to Dunkirk Harbor Buoy 8, thence 7.0 feet to the Municipal Pier.

(CL 1348/03; BPs 181259-60) 39/03

Page 224—Paragraph 198, lines 5 to 12; read:
The breakwaters are marked by lights. In May 2003, the controlling depths were 5.4 feet in the access channel along the E side of the Municipal Pier, thence 4.4 feet in the channel just S of the E breakwater, thence 6.5 feet in the access channel along the W side of the Municipal Pier, thence 3 feet in the channel S of the W breakwater.

(CL 1348/03; BP 181259) 39/03

Page 261—Paragraph 597, lines 6 to 12; read:
of the mouth. The entrance channel is marked by seasonal lighted and unlighted buoys, a daybeacon, and a **341.5'** lighted range. Lights mark the outer ends of the jetty and the SW corner of the diked disposal area. In June-July 2003, the controlling depths were 1.1 feet (4.3 feet at midchannel) in the entrance channel and through the mouth of the creek to the Harbor Marine docks; thence in August 2002-July 2003, 3 feet to E.J. Miller Boat Livery, ...

(DD 3442; DDs 4367-72; LL/03) 39/03

Page 262—Paragraph 601, lines 6 to 14; read:
range. In May 2003, the controlling depths were 11.6 feet (17 feet at midchannel) in the entrance channel and through the mouth of the river to the overhead power cables 0.75 mile above the mouth, thence 15.4 feet (16.9 feet at midchannel) to the turning basin (except for gradual shoaling to 8 feet at the head of the project), thence 15 to 18 feet in the turning basin (except for lesser depths in the NW and SW corners.) The channels in this harbor are ...

(DDs 4273-80) 39/03

Page 279—Paragraph 159, lines 13 to 16; read:
1996-September 2002, the controlling depth was 25 feet.
(BPs 180011-16; NOS 14853) 39/03

Page 324—Paragraph 223, lines 6 to 9; read:
In October 2002, the controlling depths were 14.3 feet (16.3 feet at midchannel) to Alpena Light, thence 12.8 feet (13.7 feet at midchannel) to the turning basin, thence 13.4 to 15 feet in the basin, thence 10.5 feet ...

(DDs 3992-94) 39/03

Page 328—Paragraph 278, lines 5 to 7; read:
from the NW. In June 2003, the controlling depths were 8.5 feet (11.4 feet at midchannel) in the entrance to a basin inside the harbor, thence 9 to 10 feet in the basin (except for

COAST PILOT 6 (Continued)

lesser depths along the NW edge.) A mooring ... (DD 4347)	39/03	In April-May 2003, the controlling depths were 14.2 feet (17.3 feet at midchannel) in the entrance and between the piers to the junction with South Channel (except for shoaling to 7.7 feet in the right half of the channel at the entrance to South Channel and shoaling to bare in the left outside quarter of the channel across from the municipal marina in about 43°04'00"N., 86°14'11"W.), thence 8.4 feet at midchannel) to the railroad bridge at Ferrysburg, thence 9 to 11 feet in the turning basin (except for lesser depths along the W edge); thence in 1978, 15 feet from ... (DDs 4243-4246)	39/03
Page 355—Paragraph 185, lines 4 to 5; read: the lake. The pierheads are marked by lights. In June 2003, the controlling depth was 8 feet in the entrance ... (DD 4345)	39/03	Page 428—Paragraph 774, lines 1 to 9; read: marked by lights. In June-July 2003, the controlling depth was 8.6 feet (10.3 feet at midchannel) in the entrance and between the piers to the lake. The NE corner fo the entrance channel off the N pier is shoal to 6.8 feet. Currents ... (DD 4344)	39/03
Page 359—Paragraph 237, lines 4 to 7; read: marked by lights. In June-July 2003, the controlling depth was 8.6 feet (10.3 feet at midchannel) in the entrance and between the piers to the lake. The NE corner fo the entrance channel off the N pier is shoal to 6.8 feet. Currents ... (DD 4344)	39/03	In May 2003, the controlling depths were 13.9 feet in the right half and 2.7 feet in the left half of the entrance channel and through the S part of the turning basin to the mouth of the river, thence 13.6 to 20 feet in the N part of the basin, thence 3.5 feet (5.5 feet at midchannel) to the South Eighth Street bridge, thence 2.9 feet (3.5 feet at midchannel) to the head of ... (DDs 4254-55)	39/03
Page 431—Paragraph 816, lines 9 to 14; read: In April 2003, the controlling depths were 7.2 feet (8.2 feet at midchannel) in the entrance channel and between the piers to the basin with 10.1 to 15.1 feet in the basin, thence 4.1 feet (5.6 feet at midchannel) to 20 th Street, thence 3.3 feet with gradual shoaling to the head of the project at the 22 nd Street bridge. (DD 4118; DD 4152)	39/03	Page 429—Paragraph 792, lines 8 to 15; read: marked by lights. In May 2003, the controlling depths were 13.9 feet (18.8 feet at midchannel) in the entrance and through Manitowoc Harbor to the mouth of the river (except for shoaling to 12.2 feet in the NW corner of the harbor), thence 14.5 feet (19.2 feet at midchannel) to the first Soo Line Railroad bridge, thence 15.8 feet (16.9 feet at midchannel) to the second Soo Line Railroad bridge, thence 5.2 feet (7.1 feet at midchannel) to ... (DDs 4256-58)	39/03
Page 450—Paragraph 1034, lines 8 to 19; read: channel decreases in width to the turning basin. In July 2003, the controlling depth was 4 feet in the entrance and between the piers to the turning basin (except for shoaling to 3.2 feet in the left outside quarter of the entrance channel just off the end of the S pier), thence depths of 4 to 7.5 feet were available in the turning basin. A spoil bank, about 100 feet wide, extends about 350 feet into the center of the turning basin from the SW end has a least depth of 2.4 feet. (DDs 4338-39)	39/03	Page 429—Paragraph 793, lines 6 to 10; read: and a daybeacon. In May 2003, the controlling depths were 7.7 feet (10.3 feet at midchannel) in the entrance, thence 8.5 to 10 feet in the basin and channel E of the docking piers. (DD 4256; DD 4259)	39/03
COAST PILOT 6 33 Ed 2003 Change No. 16			
Page 346—Paragraph 67; read: In July 2003, the controlling depths were 17.5 feet from deep water in Lake Michigan to Round Lake (except for lesser depths to 14.1 feet along the S edge of the entrance channel just off the lakeward end of the S pier), thence 18 feet to Lake Charlevoix (except for a lesser depth of 15.1 feet along the N edge of the channel into Lake Charlevoix.) (DDs 4463-64)	39/03	Page 435—Paragraph 858; read: In April-May 2003, the controlling depths were 12.2 feet (16.3 feet at midchannel) in the entrance and between the piers to the Bay View (State Route 42/57) bascule bridge, thence 17.8 feet (19.4 feet at midchannel) to the Michigan Street bridge, with 18 to 20 feet in the turning basin, thence 15.1 feet (20 feet at midchannel) through Sturgeon Bay to Green Bay. (DDs 4260-72)	39/03
Page 353—Paragraph 153, lines 1 to 5; read: In June 2003, the controlling depths were 11.6 feet in the entrance channel, between the breakwater and pier, to the anchorage area (except for shoaling to 7.8 feet along the NW edge of the channel, just E of the S end of the breakwater), thence 7 to 10 feet in the anchorage area (except for lesser depths along the N and NW edges), thence 6 feet in the channel to the mouth ... (DD 4343)	39/03	Page 441—Paragraph 953, lines 2 to 15; read: were 21.8 feet (22.7 feet at midchannel) in the entrance channel to Light 14; thence in April-November 2002, 19 feet in the left half and 15 feet in the right half of the channel to Green Bay Harbor Inner Range Front Light (except for severe shoaling in the right outside quarter of the channel from the southern tip of Long Tail Point to about 0.25 mile SW of the point), thence 19.1 feet (22.5 feet at midchannel) to the mouth of Fox river, thence 18.9 feet (21.4 feet at midchannel) to the Wisconsin Central railroad bridge, thence	39/03
Page 364—Paragraph 292, lines 10 to 20; read: Lake.			

COAST PILOT 6 (Continued)

14.9 feet (18.3 feet at midchannel) to the turning basin just above the Fox River Valley Railroad swing bridge, thence 5.6 feet (6.6 feet at midchannel) to the De Pere turning basin. Depths in the turning basins were: at the mouth of the East River, 13.5 to 24 feet; just above the Fox River Valley Railroad swing bridge, 20 feet with lesser depths along the NE edge; and at De Pere, 9 to 18 feet with gradual shoaling to 2 feet towards the W corner. **Mariners are advised to contact the Port Director, ...**

(DDs 974-979; DDs 4153-4168) 39/03

Page 481—Paragraph 64, lines 4 to 7; read:
the breakwaters are marked by lights. In May 2003, the controlling depth was 5.3 feet in the entrance channel and between the breakwaters to the basin, thence 9.9 to 12 feet in the basin.

(DD 4242) 39/03

Page 490—Paragraph 185, lines 3 to 5; read:
are marked by lights. In June 2002, the controlling depth was 6.8 feet (8 feet at midchannel) in the canal entrance and between the piers for about 0.3 mile; thence in 1984, 6 feet in the ...

(DD 3633) 39/03

Page 491—Paragraph 203, lines 6 to 9; read:
buoy and a **150°** lighted range. In July 2003, the dredged harbor basin had depths of 8 to 12 feet with lesser depths along the NW edge, fronting the facility, and in the E corner.

(DD 4465) 39/03

**COAST PILOT 7 35 Ed 2003 Change No. 3
LAST NM 38/03**

Page 77—Paragraph 472, lines 7 to 8; read:
161.12(c) (VTS and VMRS Centers, Call Signs/MMSI, Designated Frequencies, and Monitoring Areas).

(FR 7/1/03) 39/03

Page 78 to Page 79; strike out.
(FR 7/1/03) 39/03

Page 138—Paragraph 1985, line 4; read:
which the direction of traffic may be recommended.
Navigable waters means all navigable waters of the United States including the territorial sea of the United States, extending to 12 nautical miles from United States baselines, as described in Presidential Proclamation No. 5928 of December 27, 1988.

(FR 7/1/03) 39/03

Page 138—Paragraphs 1987 to 1991; read:
Vessel Movement Center (VMC) means the shore-based facility that operates the vessel tracking system for a Vessel Movement Reporting System (VMRS) area or sector within such an area. The VMC does not necessarily have the capability or qualified personnel to interact with marine traffic, nor does it necessarily respond to traffic situations developing in the area, as does a Vessel Traffic Service (VTS).

Vessel Movement Reporting System (VMRS) means a mandatory reporting system used to monitor and track vessel movements. This is accomplished by a vessel providing information under established procedures as set forth in this part in the areas defined in Table 161.12(c) (VTS and VMRS Centers, Call Signs/MMSI, Designated Frequencies, and Monitoring Areas).

Vessel Movement Reporting System (VMRS) User means a vessel, or an owner, operator, charterer, Master, or person directing the movement of a vessel that is required to participate in a VMRS.

(FR 7/1/03) 39/03

Page 141—Paragraph 2024, line 1; read:
(b) If, in a specific circumstance, a VTS User is unable ...

(FR 7/1/03) 39/03

Page 141—Paragraph 2025 to Paragraph 2027, line 1; read:

(c) When not exchanging voice communications, a VTS User must maintain a listening watch as required by §26.04(e) of this chapter on the VTS frequency designated in Table 161.12(c) (VTS and VMRS Centers, Call Signs/MMSI, Designated Frequencies, and Monitoring Areas). In addition, the VTS User must respond promptly when hailed and communicated in the English language.

Note to §161.12(c): As stated in 47 CFR 80.148(b), a very high frequency watch on Channel 16 (156.800 MHz) is not required on vessels subject to the Vessel Bridge-to-Bridge Radiotelephone Act and participating in a Vessel Traffic Service (VTS) system when the watch is maintained on both the vessel bridge-to-bridge frequency and a designated VTS frequency.

(d) As soon as practicable a VTS User shall notify ...
(FR 7/1/03) 39/03

Page 143—Paragraph 2042, lines 2 to 6; read:
a system used to monitor and track vessel movements within a VTS or VMRS area. This is accomplished by requiring that vessels provide information under established procedures as set forth in this part, or as directed by the Center.

(FR 7/1/03) 39/03

Page 143—Paragraph 2043, line 5 to Paragraph 2044; read:
are consolidated into three reports (sailing plan, position, and final).

§161.16 Applicability.

Unless otherwise stated, the provisions of this subpart apply to the following vessels and VMRS Users:

(FR 7/1/03) 39/03

Page 143—Paragraph 2048 to Paragraph 2049, line 1; read:
As used in the subpart:

Center means a Vessel Traffic Center or Vessel Movement Center.

Published means available in a widely-distributed and publicly available medium (e.g., VTS User's Manual, ferry schedule, Notice to Mariners).

COAST PILOT 7 (Continued)**§161.18 Reporting requirements.**

(a) A Center may: (1) Direct a vessel to provide any of ...
 (FR 7/1/03) 39/03

Page 143—Paragraph 2052, line 3; read:

Table 161.12(c) (VTS and VMRS Centers, Call Signs/
 MMSI, Designated Frequencies, ...
 (FR 7/1/03) 39/03

Page 143—Paragraph 2053, lines 4 to 5; read:

designated in Table 161.12(c) (VTS and VMRS Centers,
 Call Signs/MMSI, Designated Frequencies, and Monitoring
 Areas). In addition ...
 (FR 7/1/03) 39/03

Page 143—Paragraph 2054, line 7 to Paragraph 2055, line
 1; read:
 VTS frequency.

(d) A vessel must report:

(1) Any significant deviation from its Sailing Plan, as
 defined in §161.19, or from previously reported information;
 or

(2) Any intention to deviate from a VTS issued measure
 or vessel traffic routing system.

(e) When reports required by this part include time ...
 (FR 7/1/03) 39/03

COAST PILOT 7

35 Ed 2003

Change No. 4

Page 139 to Page 140; read:

TABLE 161.12(C).—VTS and VMRS Centers, Call Signs/MMSI, Designated Frequencies, and Monitoring Areas

Center MMSI ¹ Call Sign	Designated frequency (Channel designation)— purpose ²	Monitoring area ^{3, 4}
Berwick Bay—003669950 <i>Berwick Traffic</i>	156.550 MHz (Ch. 11)	The waters south of 29°45'N., west of 91°10'W., north of 29°37'N., and east of 91°18'W.
Houston-Galveston— 003669954		The navigable waters north of 29°N., west of 94°20'W., south of 29°49'N., and east of 95°20'W.
<i>Houston Traffic</i>	156.550 MHz (Ch. 11) 156.250 MHz (Ch. 5A)— For Sailing Plans only	The navigable waters north of a line extending due west from the southern most end of Exxon Dock #1 (20°43.37'N., 95°01.27'W.)
<i>Houston Traffic</i>	156.600 MHz (Ch. 12) 156.250 MHz (Ch. 5A)— For Sailing Plans only	The navigable waters south of a line extending due west from the southern most end of Exxon Dock #1 (20°43.37'N., 95°01.27'W.)
Los Angeles/Long Beach: MMSI/To be determined <i>San Pedro Traffic</i>	156.700 MHz (Ch. 14)	<i>Vessel Movement Reporting System Area:</i> The navigable waters within a 25 nautical mile radius of Point Fermin Light (33°42.3'N., 118°17.6'W.)
Louisville: Not applicable <i>Louisville Traffic</i>	156.650 MHz (Ch. 13)	The waters of the Ohio River between McAlpine Locks (Mile 606) and Twelve Mile Island (Mile 593), only when the McAlpine upper pool gauge is at approximately 13.0 feet or above.
Lower Mississippi River ⁵ — 003669952		
<i>New Orleans Traffic</i>	156.700 MHz (Ch. 14)	The navigable waters of the Lower Mississippi River below 30°38.7'N., 91°17.5'W. (Port Hudson Light at 255 miles Above Head of Passes (AHP)), the Southwest Pass, and, within a 12 nautical miles radius around 28°54.3'N., 89°25.7'W. (Southwest Pass Entrance Light at 19.9 miles Below Head of Passes).
<i>New Orleans Traffic</i>	156.600 MHz (Ch. 12)	<i>New Orleans Sector.</i> The navigable waters of the Lower Mississippi River bounded on the north by a line drawn perpendicular at 29°56.4'N., 90°08.36'W. and on the south by a line drawn perpendicularly at 29°56.24'N., 89°59.86'W. (88 and 106 miles AHP).

COAST PILOT 7 (Continued)

New York —003669951 <i>New York Traffic</i>	156.550 MHz (Ch.11)—For Sailing Plans only 156.600 MHz (Ch. 12)—For vessels at anchor	The area consists of the navigable waters of the Lower New York Bay bounded on the east by a line drawn from Norton Point to Breezy Point; on the south by a line connecting the entrance buoys at the Ambrose Channel, Swash Channel, and Sandy Hook Channel to Sandy Hook Point; and on the southeast including the waters of Sandy Hook Bay south to a line drawn at latitude 40°25'N.; then west in the Raritan Bay to the Raritan River Railroad Bridge, then north into waters of the Arthur Kill and Newark Bay to the Lehigh Valley Draw Bridge at latitude 40°41.9'N.; and then east including the waters of the Kill Van Kull and the Upper New York Bay north to a line drawn east-west from the Holland Tunnel ventilator shaft at latitude 40°43.7'N., longitude 74°01.6'W., in the Hudson River; and then continuing east including the waters of the East River to the Throgs Neck Bridge, excluding the Harlem River.
<i>New York Traffic</i>	156.700 MHz (Ch. 14)	The navigable waters of the Lower New York Bay west of a line drawn from Norton Point to Breezy Point; and north of a line connecting the entrance buoys of Ambrose Channel, Swash Channel, and Sandy Hook Channel, to Sandy Hook Point; on the southeast including the waters of the Sandy Hook Bay south to a line drawn at latitude 40°25'N.; then west into the waters of Raritan Bay East Reach to a line drawn from Great Kills Light south through Raritan Bay East Reach LGB #14 to Comfort PT, NJ; then north including the waters of the Upper New York Bay south of 40°42.40'N. (Brooklyn Bridge) and 40°43.70'N. (Holland Tunnel Ventilator Shaft); west through the KVK into the Arthur Kill north of 40°38.25'N. (Arthur Kill Railroad Bridge); then north into the waters of the Newark Bay, south of 40°41.95'N. (Lehigh Valley Draw Bridge).
<i>New York Traffic</i>	156.600 MHz (Ch. 12)	The navigable waters of the Raritan Bay south to a line drawn at latitude 40°26'N.; then west of a line drawn from Great Kills Light south through the Raritan Bay East Reach LGB #14 to Point Comfort, NJ; then west to the Raritan River Railroad Bridge; and north including the waters of the Arthur Kill to 40°28.25'N. (Arthur Kill Railroad Bridge); including the waters of the East River north of 40°42.40'N. (Brooklyn Bridge) to the Throgs Neck Bridge, excluding the Harlem River.
Port Arthur ⁵ —003669955 <i>Sabine Traffic</i>	To be determined	The navigable waters south of 30°10'N., east of 94°20'W., west of 93°22'W. and, north of 29°10'N.
Prince William Sound—003669958 <i>Valdez Traffic</i>	156.650 MHz (Ch. 13)	The navigable waters south of 61°05'N., east of 147°20'W., north of 60°N., and west of 146°30'W.; and, all navigable waters in Port Valdez.
Puget Sound ⁶ <i>Seattle Traffic</i> —003669957	156.700 MHz (Ch. 14)	The waters of Puget Sound, Hood Canal and adjacent waters south of a line connecting Marrowstone Point and Lagoon Point in Admiralty Inlet and south of a line drawn due east from the southernmost tip of Possession Point on Whidbey Island to the shoreline.

COAST PILOT 7 (Continued)

<i>Seattle Traffic</i> —003669957	156.250 MHz (Ch. 5A)	The waters of the Strait of Juan de Fuca east of 124°40'W. excluding the waters in the central portion of the Strait of Juan de Fuca north and east of Race Rocks; the navigable waters of the Strait of Georgia east of 122°52'W.; the San Juan Island Archipelago, Rosario Strait, Bellingham Bay; Admiralty Inlet north of a line connecting Marrowstone Point and Lagoon Point and all waters east of Whidbey Island North of a line drawn due east from the southernmost tip of Possession Point on Whidbey Island to the shoreline.
<i>Tofino Traffic</i> —003160012	156.725 MHz (Ch. 74)	The waters west of 124°40'W. within 50 nautical miles of the coast of Vancouver Island including the waters north of 48°N., and east of 127°W.
<i>Victoria Traffic</i> —003160010	156.550 MHz (Ch. 11)	The waters of the Strait of Georgia west of 122°52'W., the navigable waters of the central Strait of Juan de Fuca north and east of Race Rocks, including the Gulf Island Archipelago, Boundary Pass and Haro Strait.
<i>San Francisco</i> —003669956 <i>San Francisco Traffic</i>	156.700 MHz (Ch. 14)	The navigable waters of the San Francisco Offshore Precautionary Area, the navigable waters shoreward of the San Francisco Offshore Precautionary Area east of 122°42.0'W. and north of 37°40.0'N. extending eastward through the Golden Gate, and the navigable waters of San Francisco Bay and as far east as the port of Stockton on the San Joaquin River, as far north as the port of Sacramento on the Sacramento River.
<i>San Francisco Traffic</i>	156.600 MHz (Ch. 12)	The navigable waters within a 38 nautical mile radius of Mount Tamalpais (37°55.8'N., 122°34.6'W.) west of 122°42.0'W. and south of 37°40.0'N. and excluding the San Francisco Offshore Precautionary Area.
<i>St. Marys River</i> —003669953 <i>Soo Traffic</i>	156.600 MHz (Ch. 12)	The waters of the St. Marys River between 45°57'N. (De Tour Reef Light) and 46°38.7'N. (Ile Parisienne Light), except the St. Marys Falls Canal and those navigable waters east of a line from 46°04.16'N. and 46°01.57'N. (La Pointe to Sims Point in Potagannissing Bay and Worsley Bay).

COAST PILOT 7 (Continued)

Notes:

¹Maritime Mobile Service Identifier (MMSI) is a unique nine-digit number assigned that identifies ship stations, ship earth stations, coast stations, coast earth stations, and group calls for use by a digital selective calling (DSC) radio, an INMARSAT ship earth station or AIS. AIS requirements are set forth in §§161.21 and 164.46 of this subchapter.

²In the event of a communication failure, difficulties or other safety factors, the Center may direct or permit a user to monitor and report on any other designated monitoring frequency or the bridge-to-bridge navigational frequency, 156.650 MHz (Channel 13) or 156.375 MHz (Ch. 67), to the extent that doing so provides a level of safety beyond that provided by other means. The bridge-to-bridge navigational frequency, 156.650 MHz (Ch. 13), is used in certain monitoring areas where the level of reporting does not warrant a designated frequency.

³All geographic coordinates (latitude and longitude) are expressed in North American Datum of 1983 (NAD 83).

⁴Some monitoring areas extend beyond navigable waters. Although not required, users are strongly encouraged to maintain a listening watch on the designated monitoring frequency in these areas. Otherwise, they are required to maintain watch as stated in 47 CFR 80.148.

⁵Until rules regarding VTS Lower Mississippi River and VTS Port Arthur are published, vessels are exempted of all VTS and VMRS requirements set forth in 33 CFR part 161, except those set forth in §§161.21 and 161.46 of this subchapter.

⁶A Cooperative Vessel Traffic Service was established by the United States and Canada within adjoining waters. The appropriate Center administers the rules issued by both nations; however, enforces only its own set of rules within its jurisdiction. Note, the bridge-to-bridge navigational frequency, 156.650 MHz (Ch. 13), is not so designated in Canadian waters, therefore users are encouraged and permitted to make passing arrangements on the designated monitoring frequencies.

(FR 7/1/03)

39/03

COAST PILOT 7	35 Ed 2003	Change No. 5
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of ...

(FR 7/1/03)

39/03

Page 143—Paragraphs 2064 to 2071; read:

- (a) Upon point of entry into a VMRS area;
- (b) At designated points as set forth in Subpart C; or
- (c) When directed by the Center.

Page 151—Paragraph 2220, lines 1 to 2; read:

- (c) Provisions of §§164.11(a)(2) and (c), 164.30, 164.33, and 164.46 do not apply to warships or other vessels ...

(FR 7/1/03)

39/03

§161.21 Automated reporting.

(a) Unless otherwise directed, vessels equipped with an Automatic Identification System (AIS) are required to make continuous, all stations, AIS broadcasts, in lieu of voice Position Reports, to those Centers denoted in Table 161.12(c) of this part.

(b) Should an AIS become non-operational, while or prior to navigating a VMRS area, it should be restored to operating condition as soon as possible, and, until restored a vessel must:

- (1) Notify the Center;
- (2) Make voice radio Position Reports at designated reporting points as required by §161.20(b) of this part; and
- (3) Make any other reports as directed by the Center.

(FR 7/1/03)

Page 151—Paragraph 2220, line 7; read:

regulations regarding navigation safety.

- (d) Provisions of §164.46 apply to some self-propelled vessels of less 1600 gross tonnage.

(FR 7/1/03)

39/03

Page 151—Paragraph 2221, line 1; read:

- (a) Except as provided in §164.46(a)(2) of this part (including §§164.38 and 164.39) does ...

(FR 7/1/03)

39/03

Page 152—Paragraph 2233, line 3; read:

..... 164.74

Page 144—Paragraph 2080, line 3; read:

VMRS area; and ...

(FR 7/1/03)

International Electrotechnical Commission (IEC)

3, rue de Varemb, Geneva, Switzerland.

IEC 61993–2, Maritime navigation and radiocommunication equipment and systems—Automatic identification systems (AIS)—part 2: Class A shipborne equipment of the universal automatic identification system (AIS)—Operational and performance requirements, methods of test and required test results First edition, 2001–12 164.46
(FR 7/1/03)

39/03

Page 144—Paragraph 2082 to Paragraph 2092, line 1; read:
Subpart C—Vessel Traffic Service and Vessel Movement Reporting System Areas and Reporting Points

Note: All geographic coordinates contained in part ...

(FR 7/1/03)

Page 152—Paragraph 2234, line 5; read:

1975 164.13

Resolution MSC.74(69), Annex 3, Recommendation on Performance Standards for a Universal Shipborne Automatic

Page 151—Paragraph 2214, line 3; read:
more gross tons (except as provided in paragraphs (c) and (d))

COAST PILOT 7 (Continued)

Identification System (AIS), adopted May 12, 1998 ..164.46	
SN/Circ.277, Guidelines for the Installation of a Shipborne Automatic Identification System (AIS), dated January 6, 2003.....164.46	
SOLAS, International Convention for Safety of Life at Sea, 1974, and 1988 Protocol relating thereto, 2000 Amendments, effective January and July 2002, (SOLAS 2000 Amendments)	164.46
Conference resolution 1, Adoption of amendments to the Annex to the International Convention for the Safety of Life at Sea, 1974, and amendments to Chapter V of SOLAS 1974, adopted December 12, 2002	164.46
(FR 7/1/03)	39/03

Page 152—Paragraph 2237, line 5; read:
.....164.43

ITU-R Recommendation M.1371-1, Technical characteristics for a universal shipborne automatic identification system using time division multiple access in the VHF maritime mobile band, 1998-2001	164.46
(FR 7/1/03)	39/03

Page 157—Paragraph 2410, line 3 to Paragraph 2411, line 2; read:
with a rate of turn indicator.

§164.43 Automatic Identification System Shipborne Equipment—Prince William Sound.

(a) Until July 1, 2004, each vessel required to provide automated position reports to a Vessel Traffic Service (VTS) under §165.1704 of this subchapter must do so ...
(FR 7/1/03)

39/03

Page 158—Paragraph 2429, line 2; read:
operating procedures are set forth in Part 161 of this chapter.

§164.46 Automatic Identification System (AIS).

(a) The following vessels must have an installed, operational AIS that complies with the IMO Resolution MSC.74(69), ITU-R Recommendation M.1371-1, and IEC 61993-2, and that is installed using IMO SN/Circ.277 (Incorporated by reference, see §164.03) as of the date specified. “Length” refers to “registered length” as defined in 46 CFR, part 69.

(1) Self-propelled vessels of 65 feet or more in length engaged in commercial service and on an international voyage, not later than December 31, 2004.

(2) Notwithstanding paragraph (a)(1) of this section, the following vessels subject to the International Convention for Safety at Life at Sea, 1974, (SOLAS) as amended, that are on an international voyage must also comply with SOLAS, chapter V, as amended by SOLAS 2000 Amendments and Conference resolution 1 (Incorporated by reference, see §164.03):

(i) Passenger vessels, of 150 gross tonnage or more, not later than July 1, 2003;

(ii) Tankers, regardless of tonnage, not later than the first safety survey for safety equipment on or after July 1, 2003;

(iii) Vessels, other than passenger vessels or tankers, of 50,000 gross tonnage or more, not later than July 1, 2004; and

(iv) Vessels, other than passenger vessels or tankers, of 300 gross tonnage or more but less than 50,000 gross tonnage, not later than the first safety survey for safety equipment on or after July 1, 2004, but no later than December 31, 2004.

(b) Notwithstanding paragraphs (a)(1) and (a)(2) of this section, the following vessels, transiting an area listed in table 161.12(c) of §161.12 of this part.

(1) Each self-propelled vessel of 65 feet or more in length, engaged in commercial service;

(2) Each towing vessel of 26 feet or more in length and more than 600 horsepower;

(3) Each vessel of 100 gross tons or more carrying one or more passengers for hire; and

(4) Each passenger vessel certificated to carry 50 or more passengers for hire.

(c) The vessels listed in paragraph (b) of this section must comply according to the following schedule:

(1) For VTS St. Marys River, not later than December 31, 2003;

(2) For VTS Berwick Bay, VMRS Los Angeles/Long Beach, VTS Lower Mississippi River, VTS Port Arthur and VTS Prince William Sound, not later than July 1, 2004; and

(3) For VTS Houston-Galveston, VTS New York, VTS Puget Sound, and VTS San Francisco, not later than December 31, 2004.

(d) The requirements for Vessel Bridge-to Bridge radio-telephones in §§26.04(a) and (c), 26.05, 26.06 and 26.07 of this chapter, also apply to AIS. The term “effective operating condition” used in §26.06 includes accurate input and upkeep of all AIS data fields, including estimated time of arrival, destination, and number of people on board.

(e) The use of a portable AIS is permissible, only to the extent that electromagnetic interference does not affect the proper function of existing navigation and communication equipment on board, and such that only one AIS unit may be in operation at any one time.

(f) The AIS Pilot Plug, on each vessel over 1,600 gross tons, on international voyage, shall be available for pilot use, easily accessible from the primary conning position of the vessel, and near an AC power receptacle.

(FR 7/1/03) 39/03

COAST PILOT 7**35 Ed 2003****Change No. 6**

Page 171—Paragraph 2739, line 3; read:
Commercial Anchorage G and the Middle Breakwater.

§165.1154 Security Zones; Cruise Ships, San Pedro Bay, California.

(a) *Definition.* “Cruise ship” as used in this section means a passenger vessel, except for a ferry, over 100 feet in length, authorized to carry more than 12 passengers for hire; making voyages lasting more than 24 hours, any part of which is on the high seas; and for which passengers are embarked or disembarked in the Port of Los Angeles or Port of Long Beach.

COAST PILOT 7 (Continued)

(b) *Location.* The following areas are security zones:

(1) All waters, extending from the surface to the sea floor, within a 100 yard radius around any cruise ship that is anchored at a designated anchorage either inside the Federal breakwaters bounding San Pedro Bay or outside at designated anchorages within 3 nautical miles of the Federal breakwaters;

(2) The shore area and all waters, extending from the surface to the sea floor, within a 100 yard radius around any cruise ship that is moored, or is in the process of mooring, at any berth within the Los Angeles or Long Beach port areas inside the Federal breakwaters bounding San Pedro Bay; and

(3) All waters, extending from the surface to the sea floor, within 200 yards ahead, and 100 yards on each side and astern of a cruise ship that is underway either on the waters inside the Federal breakwaters bounding San Pedro Bay or on the waters within 3 nautical miles seaward of the Federal breakwaters.

(c) *Regulations.*

(1) In accordance with the general regulations in Sec. 165.33 of this part, entry into or remaining in these zones is prohibited unless authorized by the Coast Guard Captain of the Port, Los Angeles-Long Beach, or his designated representative.

(2) Persons desiring to transit the area of the security zone may contact the Captain of the Port at telephone number 1-800-221-USCG (8724) or on VHF-FM channel 16 (156.8 MHz) to seek permission to transit the area. If permission is granted, all persons and vessels must comply with the instructions of the Captain of the Port or his or her designated representative.

(3) When a cruise ship approaches within 100 yards of a vessel that is moored, or anchored, the stationary vessel must stay moored or anchored while it remains within the cruise ship's security zone unless it is either ordered by, or given permission from, the COTP Los Angeles-Long Beach to do otherwise.

(d) *Authority.* In addition to 33 U.S.C. 1231 and 50 U.S.C. 191, the authority for this section includes 33 U.S.C. 1226.

(e) *Enforcement.* The U.S. Coast Guard may be assisted in the patrol and enforcement of the security zone by the Los Angeles Port Police and the Long Beach Police Department.

(FR 12/6/02)

of this part, entry into Security Zone C is prohibited unless authorized by the Captain of the Port, Guam.

§165.1405 Regulated Navigation Areas and Security Zones; Designated Escorted Vessels-Philippine Sea and Apra Harbor, Guam (including Cabras Island Channel, and Tanapag Harbor, Saipan, Commonwealth of the Northern Mariana Islands (CNMI).

(a) *Regulated navigation area.* The following areas, designated by coordinates referencing World Geodetic Datum (1984), are regulated navigation areas (RNAs).

(1) *Philippine Sea, Guam*--All waters from the surface to the bottom of the Philippine Sea, Guam, encompassed by lines connecting the following points, beginning at

13°27'10" N., 144°35'05" E., thence easterly to
13°27'17" N., 144°37'27" E., thence south westerly to
13°26'52" N., 144°37'05" E., thence westerly to
13°26'37" N., 144°35'05" E., thence due north back to point of origin.

(2) *Apra Harbor, Guam*--All waters from surface to bottom of Apra Harbor, Guam, shoreward of the COLREGS Demarcation as described in 33 CFR part 80.

(3) *Tanapag Harbor, Saipan*--The waters from surface to bottom of Tanapag Harbor, Saipan (CNMI), encompassed by lines connecting the following points, beginning at

15°12'10" N., 145°40'28" E., thence north easterly to
15°14'08" N., 145°42'00" E., thence due east to
15°14'08" N., 145°44'02" E., thence south easterly to
15°13'54" N., 144°44'20" E., thence south westerly along the shoreline to
15°13'11" N., 145°43'01" E., thence south westerly to
15°12'10" N., 145°40'28" E.

(4) *Cabras Island Channel, Guam*--All waters from surface to bottom of Cabras Island Channel, Guam, beginning at point

13°27'34" N., 144°39'39" E and extending south easterly to position
13°27'24" N., 144°39'59" E then heading easterly along the shoreline to position
13°27'31" N., 144°40'22" E then heading north to position
13°27'37" N., 144°40'22" E following the shoreline in a westerly direction back to point of origin.

(b) *Security zones.* A 100-yard radius security zone is established around, and is centered on, each escorted vessel within the regulated navigation areas in paragraph (a) of this section. A security zone is activated when an escorted vessel enters an RNA and remains active until the escorted vessel leaves the RNA. This is a moving security zone when the escorted vessel is in transit and becomes a fixed zone when the escorted vessel is anchored or moored. A security zone will not extend beyond the boundary of the RNA in this section.

(c) *Definitions.* As used in this section:

(1) *Designated representative* means any Coast Guard commissioned, warrant, or petty officer that has been authorized to act on behalf of the COTP.

(2) *Escorted Vessel* means any vessel operating in the RNA deemed by the COTP to be in need of escort protec-

COAST PILOT 7

35 Ed 2003

Change No. 7

Page 182—Paragraph 3061; insert after:

§165.1404 Apra Harbor, Guam—Security Zone.

(a) The following is designated as Security Zone C--The waters of Apra Outer Harbor, Guam surrounding Naval Mooring Buoy No. 702 (Located at 13°27'30.1"N. and 144°38'12.9"E. Based on World Geodetic System 1984 Datum) and the Maritime Propositioning ships moored thereto. The security zone will extend 100 yards in all directions around the vessel and its mooring. Additionally, a 50 yard security zone will remain in effect in all directions around buoy No. 702 when no vessel is moored thereto.

(b) In accordance with the general regulations in §165.33

COAST PILOT 7 (Continued)

tion for security reasons or under other circumstances. A designated representative aboard a Coast Guard cutter or patrol boat will accompany vessels deemed in need of escort protection into the RNA.

(3) *Navigation rules* mean international and inland navigation rules in 33 CFR chapter I, subchapters D and E.

(4) *Vessel* means every description of watercraft or other artificial contrivance used, or capable of being used, as a means of transportation on water, except U.S. Coast Guard or U.S. naval vessels.

(d) *Regulations.* (1) No person or vessel may enter into the security zones under this section unless authorized by the COTP Guam or a designated representative.

(2) A vessel in the RNA established under paragraph (a) of this section operating within 500 yards of an escorted vessel must proceed at a minimum speed necessary to maintain a safe course, unless required to maintain speed by the navigation rules.

(3) When an escorted vessel in the RNA approaches within 100 yards of a vessel that is moored, or anchored in a designated anchorage area, the stationary vessel must stay moored or anchored while it remains within the escorted vessel's security zone unless it is either ordered by, or given permission from the COTP Guam or a designated representative to do otherwise.

(4) The COTP will inform the public of the existence or status of the security zones around escorted vessels in the RNA periodically by Broadcast Notice to Mariners.

(5) Persons or vessels that must enter a security zone or exceed speed limits established in this section may contact the COTP at command center telephone number (671) 339-6100 or on VHF channel 16 (156.8 MHz) to request permission.

(6) All persons and vessels within 500 yards of an escorted vessel in the RNA must comply with the orders of the COTP Guam or his designated representatives.

(e) *Authority.* In addition to 33 U.S.C. 1231 and 50 U.S.C. 191, the authority for this section includes 33 U.S.C. 1226.

(FR 01/29/03; 33 CFR 165) 39/03

COAST PILOT 7 35 Ed 2003 Change No. 8

Page 393—Paragraph 83, line 4; read:
for drawbridge regulations.) In 2003, the lift span was inoperable and in the closed position. An overhead cable E of the ...
(31/03 CG13) 39/03

Page 395—Paragraph 107, line 3; read:
clearance of 12 feet. In 2003, the swing span could only be opened by tug; mariners should provide as much as 12 hours advance notice for openings. Mariners should use extreme caution ...
(31/03 CG13) 39/03

Page 420—Paragraph 119, line 9; read:
drawbridge regulations.) In 2003, the N draw leaf of the bas-

cule span was disabled. The least clearance of overhead ...
(31/03 CG13) 39/03

Page 516—Paragraph 104, lines 2 to 6; read:
by shallow-draft pleasure craft. The channel should not be used at low tide because of the very irregular bottom. In 2002, the reported depth in the channel along the docks at the S end of the bay was 5 feet.
(30/03 CG13; LL/03; CL 478/03; NOS 18446) 39/03

Page 552—Paragraph 430, lines 4 to 5; read:
on the N side of the entrance and a private light is on the S side at the NW end of Pier 25; these ...
(26/03 CG13; LL/03) 39/03

COAST PILOT 7 35 Ed 2003 Change No. 9

Page 110—Paragraph 1410, line 5 to Paragraph 1411; read:
Department of Public Works at Stockton.

§117.163 [Suspended]**§117.T164 Islais Creek.**

The Third Street Drawbridge, Islais Creek mile (0.4), at San Francisco, California need not open for vessels from 12:01 a.m., September 3, 2003 until 12:01 a.m., September 2, 2004.

(FR 8/26/03) 39/03

Page 329—Paragraph 333, line 6; read:
117.59 and 117.T164, chapter 2, for drawbridge regulations.)
(FR 8/26/03) 39/03

**COAST PILOT 8 25 Ed 2003 Change No. 9
LAST NM 34/03**

Page 182—Paragraph 366, line 7; read:
bottom, and a midchannel course will carry in safely. The passage into the SE part of the cove E of Coffman Island is marked by lights and lighted buoys. In ...
(30/03 CG17) 39/03

**COAST PILOT 9 21 Ed 2003 Change No. 10
LAST NM 36/03**

Page 136—Paragraph 246, lines 5 to 6; read:
bare rock is marked by **Seal Rocks Light** (60°09'46"N., 146°44'53"W.), 48 feet above the water and shown from a ...
(LL/03) 39/03

Page 183—Paragraph 814, lines 5 to 6; read:
(60°09'46"N., 146°44'53"), 48 feet above the water, is shown from a skeleton tower with a diamond-shaped red ...
(LL/03) 39/03

Page 304—Paragraphs 181 to 182; read:
Chignik is a fishing settlement at the head of Anchorage Bay. In 2002, NorQuest Seafood Company had a two-fin-

COAST PILOT 9 (Continued)

gered pier in the SW portion of the bay. The pier has a 200-foot face with depths of 33 feet reported to be alongside. The opening in the center of the pier has a 35-ton travel lift. Trident Seafood Company maintains another pier in the SE portion of the bay which has a 160-foot face and depths of 33 feet reported to be alongside. There is a sewer outfall which extends 210 feet beyond the end of this pier and mariners are advised not to drop anchor in the vicinity of the pier. Both piers have dolphins approximately 50 feet from the ends, along the face, to support larger vessels.

(CL 1324/97; CL 2335/02; CL 1247/03) 39/03

COAST PILOT 9 21 Ed 2003 Change No. 11

Page 140—Paragraph 307, line 6; read:

60°28.0'N., 146°52.5'W., through Orca Bay, thence via ...
(NOS 16709) 39/03

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
380	<i>The Graves Lighted Whistle Buoy 5</i>	42 22 30 N 70 51 30 W	Fl G 4s		5	Green.	
				*			39/03
420	<i>Boston Approach Lighted Buoy BF (NOAA 44013)</i>	42 21 13 N 70 41 29 W	Fl (4) Y 20s 0.5s fl 2s ec. 0.5s fl 2s ec. 0.5s fl 2s ec. 0.5s fl 12s ec.		7	Yellow.	
			*	*			39/03
515	<i>Boston Approach Lighted Buoy BC</i>	41 41 31 N 69 35 23 W	Fl Y 10s		7	Yellow.	
				*			39/03
565	<i>Boston Approach Lighted Whistle Buoy BA</i>	40 49 06 N 69 59 58 W	Fl Y 10s		7	Yellow.	
				*			39/03
580	<i>Nantucket Shoals Lighted Whistle Buoy N</i>	40 30 09 N 69 14 48 W	Fl Y 6s		5	Yellow.	RACON: N (- •).
				*			39/03

APPROACHES TO NEW YORK - NANTUCKET SHOALS TO FIVE FATHOM BANK (Chart 12300)

590	<i>Squibnocket Lighted Bell Buoy 1</i>	41 15 42 N 70 46 18 W	Fl G 4s		5	Green.	
				*			39/03
955	<i>- Lighted Buoy 13</i>		Fl G 4s		5	Green.	
				*			39/03
1045	<i>Sail Rock Lighted Whistle Buoy 1</i>	44 48 36 N 66 56 24 W	Fl G 4s		5	Green.	
				*			39/03
1100	<i>Thornton Point Ledge Lighted Bell Buoy 3</i>	44 37 17 N 67 16 16 W	Fl G 4s		5	Green.	Replaced by can when endangered by ice.
				*			39/03
1375	<i>Ram Island Ledge Lighted Gong Buoy 27</i> North from ledge.	44 29 42 N 67 42 15 W	Fl G 4s		5	Green.	
				*			39/03

Western Way

2250	<i>Long Ledge Lighted Gong Buoy 1</i> On southeast side of ledge.	44 13 16 N 68 17 47 W	Fl G 4s		5	Green.	
				*			39/03

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

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
APPROACHES TO BLUE HILL BAY (Chart 13313)							
Mackerel Cove							
2480	<i>North Point Lighted Gong Buoy 1</i> Northwest from 1-foot ledge.	44 11 36 N 68 25 48 W	Fl G 4s	5	Green.	Replaced by can when endangered by ice.	
				*			39/03
3280	<i>Malinicus Island Lighted Bell Buoy 9MI</i>	43 53 06 N 68 52 52 W	Fl G 4s	5	Green.		
				*			39/03
3835	<i>Green Island Lighted Bell Buoy 3</i>		Fl G 4s	4	Green.		
				*			39/03
4360	<i>Ensign Island Lighted Bell Buoy 1</i>	44 13 32 N 68 57 50 W	Fl G 4s	5	Green.		
				*			39/03
4465	<i>Mack Point Channel Lighted Bell Buoy 5</i>	44 26 35 N 68 54 08 W	Fl G 4s	5	Green.		
				*			39/03
4555	<i>Two Bush Ledge Lighted Bell Buoy 5TB</i> Marks south side of 28-foot shoal.	43 56 47 N 69 04 55 W	Fl G 4s	5	Green.		
				*			39/03
4780	Marshall Point Light	43 55 00 N 69 15 42 W	F W	30	7	White tower.	Emergency light of reduced intensity when main light is extinguished. Lighted throughout 24 hours. HORN: 1 blast ev 10s (1s bl).
				*			39/03
6015	<i>White Ledge Lighted Bell Buoy 1</i> Northeast of ledge.	43 43 48 N 69 44 54 W	Fl G 4s	5	Green.		
				*			39/03
6645	<i>Quahog Bay Lighted Buoy 3</i>	43 43 00 N 69 57 30 W	Fl G 2.5s	5	Green.		
				*			39/03
6710	<i>Mackerel Cove Lighted Buoy 1</i>	43 43 24 N 70 00 18 W	Fl G 4s		Green.	Replaced by can when endangered by ice.	
				*			39/03
7115	- <i>Lighted Gong Buoy 3</i>	43 39 48 N 70 10 06 W	Fl G 4s	5	Green.		
				*			39/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
7135	- Lighted Bell Buoy 7	43 40 30 N 70 10 48 W	Fl G 4s	5	Green.	*	39/03
7505	Portland Harbor Main Approach Lighted Whistle Buoy 4	43 34 00 N 70 07 48 W	Fl R 4s	5	Red.	*	39/03
Niantic River							
<i>Positions of buoys frequently shifted with changing conditions.</i>							
22305	- Channel Buoy 1				Green can.	*	39/03
		*				*	

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
14330	- LIGHT 6		Q R	16	4	TR on pile.	*
16740	- LIGHT 3	38 07 53 N 76 28 54 W	Fl G 4s	17	4	SG on pile.	*
19955	- LIGHT 4		Fl R 2.5s	15	3	TR on pile.	Light equipment removed from Dec. 1 to Mar. 15.
20315	BODKIN POINT SHOAL LIGHT 3		Fl G 4s	15	4	SG on multi-pile structure.	*
20330	- ENTRANCE LIGHT 7		Fl G 2.5s	15	4	SG on multi-pile structure.	*
							39/03

SMITH POINT TO COVE POINT (Chart 12230)

Pocomoke River

Upper Pocomoke River

22605	- LIGHT 2	38 08 35 N 75 26 30 W	Fl R 2.5s	15	3	TR on pile.	*	39/03
22615	Shad Landing Park Junction Daybeacon SL	38 08 35 N 75 26 29 W				JR on pile.	*	39/03
22640	- LIGHT 10		Fl R 2.5s	15	3	TR on pile.	*	39/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
22645	- LIGHT 11		Fl G 4s	15	4	SG on pile. *	39/03
22650	- LIGHT 12		Fl R 4s	15	3	TR on pile. *	39/03
22660	- LIGHT 14	38 10 18 N 75 24 35 W	Fl R 4s	15	3	TR on pile. *	39/03
24975	- CHANNEL LIGHT 20	38 36 01 N 76 06 53 W	Fl R 4s	15	4	TR on multi-pile structure. Light equipment removed from Dec. 1 to Mar. 15. *	39/03

CHOPTANK RIVER AND HERRING BAY (Chart 12266)

Tred Avon River

25320	- LIGHT 1	38 39 54 N 76 11 19 W	Fl G 2.5s	15	3	SG on pile. *	Light equipment removed from Dec. 1 to Mar. 15. 39/03
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CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
695	<i>St. Lucie Shoal Lighted Buoy 12</i>	27 23 17 N 80 08 01 W	Fl R 6s		4	Red. *	39/03
6065	- Entrance Lighted Buoy 7		Fl G 2.5s		3	Green. *	39/03
7690	ORTEGA RIVER LIGHT 1	30 17 06 N 81 42 07 W	Fl G 4s	12	4	SG on pile. *	39/03
9650.5	- Entrance Channel Lighted Buoy 13A	28 24 32 N 80 35 16 W	Fl G 2.5s		4	Green. *	39/03
9690	- Entrance Channel Lighted Buoy 15	28 24 34 N 80 36 57 W	Fl G 2.5s		3	Green. *	39/03
17455	- Daybeacon 2	26 05 29 N 81 48 25 W				TR on pile. *	39/03
18300	- Daybeacon 28					Remove from list. *	39/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
BAHIA DE PONCE AND APPROACHES (Chart 25683)							
31925	Isla Caja De Muertos Light	17 53 36 N 66 31 18 W	Fl W 30s	297	10	Gray cylindrical tower on center of flat-roofed dwelling.	*
39/03							
BAHIA DE GUAYANILLA AND BAHIA DE TALLABOA (Chart 25681)							
Bahia de Tallaboa							
32005	- Lighted Buoy 1	17 57 42 N 66 44 18 W	Fl G 4s		5	Green.	*
39/03							

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*297	Stone Energy-109-2 Lighted Buoy Marks subsea installation	29 16 01 N 88 22 46 W	Q W			White with orange bands.	SIGN: Stone Energy-HI-287-1. Private aid.
39/03							
4005	FORT BARRANCAS RANGE FRONT LIGHT	30 20 35 N 87 18 29 W	Fl G 2.5s	30		KRW on skeleton tower on piles. Visible only on the rangeline.	*
39/03							
4080 31575	- NAVY RANGE REAR LIGHT 300 yards, 273.5° from front light.		Iso G 6s	58		KRW on skeleton tower.	Visible only on the rangeline.
39/03							
20660	- FERRY SLIP EAST LIGHTS (2)						Remove from list.
39/03							
20665	- FERRY SLIP WEST LIGHTS (2)						Remove from list.
39/03							
27770	- INNER RANGE FRONT LIGHT	27 52 32 N 97 15 01 W	Q G	30		KRW on skeleton tower on piles. Visible 2° each side of rangeline. Ra ref.	*
39/03							
33440	- LIGHT 14	29 37 30 N 91 00 12 W	Fl R 2.5s	17	4	TR-TY on skeleton tower on piles.	*
39/03							

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Moss Landing							
3990	- Harbor Entrance Lighted Bell Buoy MLA	36 47 56 N 121 48 06 W	Mo (A) W	4	Red and white stripes with red spherical topmark.		
		*		*			39/03
4020	- HARBOR ENTRANCE LIGHT 3	36 48 25 N 121 47 28 W	Fl G 4s	22	4 SG on pile.	Ra ref.	
		*		*			39/03
Santa Cruz							
	<i>Buoys inside the harbor are set to best mark the channel and are not charted.</i>						
4080	- Lighted Whistle Buoy SC	36 56 20 N 122 00 35 W	Mo (A) W	6	Red and white stripes.		
		*		*			39/03
9820	- NORTH JETTY LIGHT 3	45 34 14 N 123 57 51 W	Fl G 2.5s	26	3 Green pile structure.	Due to weather conditions the dayboards have been permanently removed from this aid. HORN: 1 blast ev 30s (3s bl). Maintained from Jun. 1 to Oct. 1.	
				*			39/03
16790 18140	SHILSHOLE BAY BREAKWATER LIGHT 3	47 40 38 N 122 24 43 W	Fl G 2.5s	22	5 SG on white house.		
				*			39/03
18140 16790	- BREAKWATER LIGHT 3	47 40 38 N 122 24 43 W	Fl G 2.5s	22	5 SG on white house.		
				*			39/03
ISLAND OF HAWAII (Chart 19320)							
28180	KAILUA BAY ENTRANCE DIRECTIONAL LIGHT	19 38 18 N 155 59 48 W	Oc W 4s (R & G sectors)	31	NB on post. 25	Centerline (bearing 023°). White visible 3° each side of centerline. Green visible from (026°-060°). Red visible from (310°-020°).	
						*	39/03

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
3215	- Buoy 37				Green can.	Maintained from May 7 to Dec 7.	*

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SECTION II

CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2003 EDITION							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
15820 <i>J 6028</i>	Quitasueno Bank.	14° 29.2' N 81° 08.2' W	Fl.(2)W. period 15s fl. 1s, ec. 1s fl. 1s, ec. 12s	75 23	15	White tower, red bands.	
			*	*			39/03
15834 <i>J 6043.5</i>	Cayo Cordoba.	12° 33.2' N 81° 41.4' W	Fl.Y. period 5s fl. 0.5s, ec. 4.5s	75 23	12	White tower, red bands.	
			*				39/03
15835 <i>J 6043.6</i>	-Punta Sur.	12° 28.9' N 81° 43.8' W	Fl.W. period 9s fl. 0.9s, ec. 8.1s	79 24	15	Orange tower.	
			*	*			39/03
15835.5 <i>J 6043.7</i>	-Cove.	12° 31.0' N 81° 43.8' W	Fl.R. period 5s fl. 1s, ec. 4s	69 21	12	Orange tower.	
			*	*	*		39/03
15835.7 <i>J 6043.8</i>	-Punta Evans.	12° 32.0' N 81° 44.2' W	Fl.G. period 3s fl. 0.3s, ec. 2.7s	69 21	12	Orange tower.	
			*	*	*		39/03
15840 <i>J 6044</i>	Cayos del Este Sudeste.	12° 24.0' N 81° 27.9' W	Fl.W. period 15s fl. 1s, ec. 14s	121 37	17	Orange tower; 95.	
RACON		B(-••)		*	*		39/03
15844 <i>J 6045</i>	Cayos de Albuquerque.	12° 10.2' N 81° 50.0' W	Fl.(2)W. period 20s fl. 1s, ec. 3s fl. 1s, ec. 15s	115 35	18	Orange tower.	
			*	*	*		39/03
16632 <i>J 6144</i>	Cabo Tiburon.	8° 40.5' N 77° 21.6' W	Fl.(2)W. period 15s fl. 1s, ec. 2s fl. 1s, ec. 11s	341 104	20	Red tower, white bands.	
RACON		G(- -)		20			39/03
16636 <i>J 6147</i>	Isla de los Muertos.	8° 08.0' N 76° 49.1' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	72 22	12	White tower, red bands.	
			*	*			39/03
16640 <i>J 6150</i>	Bocas Rio Leon.	7° 56.0' N 76° 44.9' W	Fl.W. period 8s fl. 0.5s, ec. 7.5s	59 18	12	Tower, red and white bands.	
			*	*			39/03

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SECTION II

CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
16648 <i>J 6149</i>	Punta de las Vacas.	8° 04.0' N 76° 44.4' W	Fl.W. period 6s fl. 0.5s, ec. 5.5s	59 18	12	White tower, red bands.	*
							39/03
16656 <i>J 6146</i>	Punta Arenas del Norte.	8° 33.3' N 76° 56.2' W	Fl.W. period 9s fl. 0.9s, ec. 8.1s	46 14	12	White tower, red bands.	*
							39/03
16660 <i>J 6145</i>	Punta Caribana.	8° 37.5' N 76° 53.1' W	Fl.W. period 12s fl. 1.2s, ec. 10.8s	276 84	22	White tower.	*
							39/03
16664 <i>J 6152</i>	Isla Fuerte.	9° 23.6' N 76° 10.6' W	Fl.W. period 10s fl. 1s, ec. 9s	131 40	18	White tower, red bands.	*
							39/03
16678 <i>J 6154.5</i>	Roca Morrosquillo.	9° 35.5' N 75° 59.5' W	Fl.W. period 3s fl. 0.3s, ec. 2.7s	46 14	15	White tower, red bands; 46.	
RACON		M(- -)		17			
	*		*		*		39/03
16679 <i>J 6156</i>	Isla Ceycen.	9° 41.8' N 75° 51.3' W	Fl.W. period 3s fl. 0.3s, ec. 2.7s	79 24	15	White tower, red bands.	*
							39/03
16684 <i>J 6159</i>	Isla Arenas.	10° 08.8' N 75° 43.7' W	Fl.W. period 15s fl. 1s, ec. 14s	72 22	10	Orange tower.	*
							39/03
17780 <i>G 0123</i>	-Praia do Futuro.	3° 42.3' S 38° 27.6' W	Fl.W. period 10s fl. 1s, ec. 9s	36 11	5	White quadrangular masonry tower, black bands; 16.	*
							39/03

CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
9146 <i>K 1756.45</i>	-Jurian Boat Harbor Range, front.	30° 17.4' S 115° 02.5' E	F.Bu.	4			
			*	*			39/03
9146.1 <i>K 1756.46</i>	--Rear, 160 meters 130° from front.	30° 17.5' S 115° 02.6' E	F.Bu.	4			
			*	*			39/03

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SECTION II

CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
9872 K 3210	-Port of Cooktown, front.	15° 27.7' S 145° 14.8' E	Q.Y. period 3s		4	White triangular daymark, black stripe, point up.	Channel marked by beacons "1" thru "6", port and starboard marks, Fl.R. 2.5s and Fl.G. 2.5s, respectively.
			Fl.Y. period 3s	*	*		39/03
9876 K 3210.1	-Rear, 514 meters 228°44' from front.	15° 27.9' S 145° 14.6' E	Iso.W. period 2s		4	White triangular daymark, black stripe, point down.	
			Fl.Y. period 3s	*	*		39/03

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
16169.1 F 7472.01	-Middle, 125 meters 299°30' from front.	43° 05.1' N 131° 51.2' E	F.R. period 4s	164 50	15	White octagonal stone tower, black stripe, on square base; 49.	Visible 289°30'-309°30'.
				*			39/03

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
LE CROISIC:							
860 D 1088	-Head of Trebic Jetty, entrance to port, W. side.	47° 18.5' N 2° 31.4' W	Iso.W.G. period 4s	39 12	W. 14 G. 11	Gray granite tower, green top; 39.	G. 042°-093°, W.-145°, G.-345°, obsc.-042°.
				*	*		39/03
*3845 D 2324.05	-Padre Santo, 339°11'.	37° 08.6' N 6° 50.7' W	Dir.W.R.G.	194 59	8	White tower; 49.	Fl.G. 337°30'-338°, F.G.-338°36', Oc.R.-339°06', F.W.-339°18', Oc.R.-339°48', F.R.-340°24', Fl.R.-340°54'.
							39/03
*3846 D 2328.2	-Capesa, SW.	37° 09.6' N 6° 53.7' W	Fl.(2)G. period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	10 3	3	Green post; 7.	
							39/03
*3846.1 D 2328.3	-NW.	37° 09.6' N 6° 53.8' W	Fl.(2)G. period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	10 3	3	Green post; 7.	
							39/03
3848 D 2324	-Canal del Padre Santo Range, front.						Remove from list.
				*			39/03

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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
3852 <i>D 2324.1</i>	-Rear, 158 meters 339°11' from front.						Remove from list.
6072 <i>E 0514.5</i>	Canet-Plage.	42° 42.5' N 3° 02.3' E	Fl.(4)W. period 15s fl. 1s, ec. 1.5s fl. 1s, ec. 1.5s fl. 1s, ec. 1.5s fl. 1s, ec. 6.5s	89 27	15	White structure; 79.	*
6200 <i>E 0547.5</i>	-E. extremity.	43° 23.9' N 3° 43.8' E	Iso.R. period 4s	66 20	11	White pylon, red top; 23.	39/03
17116 <i>E 4881.6</i>	-Tavsan Adasi.	40° 22.6' N 27° 47.3' E	Fl.W. period 10s fl. 1s, ec. 9s	181 55	12	White metal framework tower; 19.	
18258 <i>E 5285</i>	Solodunova.	45° 07.6' N 33° 31.3' E	Fl.(2)R. period 12s	15		Visible 150°-310°.	*
19876 <i>E 4626</i>	-Izmir, breakwater, N. head.	38° 25.8' N 27° 07.8' E	Q.G.	23 7	7	White column; 20.	39/03
19880 <i>E 4627</i>	-Breakwater, S. head.	38° 25.3' N 27° 07.6' E	Q.R.	23 7	7	White column; 20.	
		*		*	*		39/03

CORRECTIONS TO PUB 115, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1956 <i>B 3179</i>	-Sonnenvikodden.	58° 26.0' N 6° 00.0' E	F.W.				
*	*		*	*	*	*	*
2004 <i>B 3208</i>	-Hellvig, Ytre Hamn Range, front.	58° 28.0' N 5° 51.0' E	F.R.	43 13	2	Post.	
				*			39/03
2008 <i>B 3208.1</i>	-Rear, 120 meters 015° from front.	58° 28.6' N 5° 51.4' E	F.R.	68 21	2	Post.	
				*			39/03
2012 <i>B 3210</i>	-Indre Hamn Range, front.	58° 29.0' N 5° 52.0' E	F.R.	30 9	2	Post.	
				*			39/03

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SECTION II

CORRECTIONS TO PUB 115, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
JAEREN:							
2020 <i>B 3212</i>	-Vatnemoholmene Range, front.	58° 29.0' N 5° 50.0' E	F.R.	23 7		Wooden post. *	39/03
2024 <i>B 3212.1</i>	--Rear, 64 meters 025° from front.	58° 29.1' N 5° 49.4' E	F.R.	39 12		Wooden post. *	39/03
2028 <i>B 3213</i>	-West Range, front.	58° 29.0' N 5° 49.0' E	F.G.	23 7		Wooden post. *	39/03
2032 <i>B 3213.1</i>	--Rear, 40 meters 317° from front.	58° 29.1' N 5° 48.9' E	F.G.	39 12		Wooden post. *	39/03
2036 <i>B 3215.2</i>	Sirevag, breakwater head.	58° 30.4' N 5° 47.1' E	Iso.G. period 6s	44 14		Floodlit. * * * *	39/03
2040 <i>B 3215</i>	-Entrance Range, front.	58° 30.2' N 5° 47.7' E	F.R.	49 15	4	Post. * * * *	Promontories along range marked by floodlit F.R., F.G. lights. 39/03
2044 <i>B 3215.1</i>	--Rear, 230 meters 135° from front.	58° 30.1' N 5° 47.8' E	F.R.	82 25	4	Post. * * * *	39/03
16862 <i>L 8017</i>	Sherapova.	71° 04.5' N 66° 43.0' E	Fl.W. period 6s fl. 1s, ec. 5s	30 9	10 26.	Metal pipe, rectangular daymark; Range lights mark harbor entrance. Radar reflector. * * * *	39/03
16904.2	-Yuzhnny-Pervy RACON.					Remove from list.	
16904.4	-Peschanka RACON.					Remove from list.	*
							39/03

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SECTION II

CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
SOLVESBORG:							
7264 -Tunoren. C 7552		56° 00.0' N 14° 32.1' E	Iso.W.R.G. period 4s	30 9	W. 7 R. 5 G. 4	Framework mast, red square daymark.	G. 204°-308°18', W.-318°30', R.-356°, G.-118°48', W.-131°, R.-204°. A fishing range of F.R. lights shown from posts in range 349°, about 100 yards apart, is shown on Tostebergaudde.
		*			*		*
							39/03
*Add Heading: *RONNEBY APPROACH:							
*7497 -Hogaskar. C 7489.5		56° 08.8' N 15° 16.1' E	Q.W.R.G.	26 8	3		G. 323°-329°, W.-331°, R.-337°.
							39/03
10348 Limo E. Range, front. C 6176.1		60° 43.1' N 17° 21.9' E	Q.W.	49 15	13	Framework tower, white rectangular daymark, red band; 46.	*
							39/03
10352 -Limo, common rear, 271°36', from Limo E. 219° from Limo NE. C 6176		60° 42.8' N 17° 21.2' E	Iso.W.R.G. period 4s	125 38	W. 16 R. 13 G. 12	Red hut, white framework tower, white rectangular daymark, red band; 68.	G. 140°-172°, W.-189°, R.- 194°, G.-218°, W.-220°, R.- 238°, G.-267°, W.-273°30', R.-288°, G.-316°, R.-342°.
						*	*
							39/03
10372 -Northern entrance No. "1", S. C 6186 side.		60° 44.0' N 17° 19.8' E	Oc.W.R.G. period 6s	28 9	W. 8 R. 5 G. 4	White tower, red band on stone base. Floodlit.	R. 059°30'-157°30', G.-192°30', W.-233°, R.-246°30'.
						*	*
							39/03
11004 Norra Langrogrundet. C 5925		63° 19.3' N 19° 40.6' E	Fl.(2)W.R.G. period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4s	58 18	W. 8 R. 6 G. 5	Black tower, white band and lantern, gray base; 71.	G. 021°-066°, W.-185°, R.-206°, G.-227°, W.-233°, R.-271°, G.-281°, W.-350°, R.-021°.
						*	*
RACON			O(--) period 30s	15			
		*			*		39/03
13414.3 Satamasaari Range, front. C 5396.8							Remove from list.
							*
							39/03
13414.31 -Pihlajakar, Rear, 835 meters C 5396.81 315° from front.							Remove from list.
							*
							39/03
13420 Vehkaluoto Range, front. C 5396		60° 27.0' N 27° 06.0' E	Q.W.	24 7	5	Red rectangular daymark, yellow stripe.	Visible 112°30'-120°30'.
						*	*
							39/03

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 116, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
13426 C 5415.4	-Einan Karinmatala.	60° 25.8' N 27° 08.3' E	U.Q.(5)W. period 6s	33 10	2	White round concrete tower, red band.	Radar reflector.
	-RACON		T(-) period 90s		11	*	*
				*	*	*	*
13460 C 5419	-Hillonniemi Range, front.	60° 31.2' N 27° 09.5' E	Iso.W. period 2s	69 21	15	Metal framework tower, red rectangular daymark, yellow stripe.	Visible 014°-023°.
					*	*	*
13464 C 5419.1	--Rear, 420 meters 018°30' from front.	60° 31.4' N 27° 09.6' E	Iso.W. period 4s	95 29	16	Gray metal framework tower, red rectangular daymark, yellow stripe.	Visible 014°-023°.
				*	*	*	*
13466 C 5422	-Norskari.	60° 31.8' N 27° 11.5' E	I.U.Q.W. period 6s	18 5	3	Steel mast, red and white bands. Radar reflector.	
				*	*	*	39/03
13508 C 5424	-Syvasalama Range, front.						Remove from list.
					*	*	39/03
13512 C 5424.1	--Rear, 107 meters 313° from front.						Remove from list.
					*	*	39/03
17348 C 4422	-Nurmes.	61° 12.0' N 21° 20.0' E	Fl.I.W.R.G. period 6s fl. 0.6s, ec. 5.4s	62 19	9	Yellow rectangular daymark, red band.	G. 331°-016°, R.-035°, G.-063°, W.-089°, R.-196°.
					*	*	39/03
17412 C 4436.1	--Rear, 241° from front.	61° 07.6' N 21° 21.1' E	L.FI.W. period 6s fl. 2s, ec. 4s	33 10	3	Red rectangular daymark, white stripe.	Visible 225°-257°.
				*	*	*	39/03
17436 C 4406	Kalla.	61° 16.1' N 21° 21.2' E	Fl.I.W.R.G. period 5s	34 10	W. 7	Grey tower.	R. 007°-036°, G.-093°, W.-184°, R.-215°, G.-256°, W.-007°.
				*	*	*	39/03
17438 C 4404	Fransinkari Range, front.	61° 21.7' N 21° 25.2' E	Q.W.	16 5	4	Mast, red rectangular daymark, white stripe.	Visible 057°-065°.
				*	*	*	39/03
17438.1 C 4404.1	-Rear, 061° from front.	61° 22.0' N 21° 25.8' E	L.FI.W. period 6s	53 16	5	Mast, red rectangular daymark, white stripe.	Visible 057°-065°.
				*	*	*	39/03

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 39/03

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*,2,3,4,7,8,9,10,11, 14,15,17,19,20,21, 22,23,24,25,26,27, 28,29,30,31,32,35, 36,37,38,39/03	SDPUB140	2001	21*,48,49,51/01;8, 17,23,32,42,43,44, 46,47,48,50/02;4,6, 7,8,9,11,12,15,19, 21,22,23,24,25,26, 31,32,34,37/03	USCG LIGHT LIST VOLUMES I - VII		
Region 2	2002	1*,8,15,17,20,21,22, 23,24,26,28,30,32, 33,34/03	SDPUB141	2001	21*,38/01	COMDTM165021	2003	17*,18,19,20,21,22, 23,24,25,26,27,28, 29,30,31,32,33,34, 36,37,38,39/03
Region 3	2002	1/03*	SDPUB142	2000	49/00*;3,31,35/01; 1,15,43/02	COMDTM165022	2003	17*,18,19,20,21,22, 23,24,25,26,27,28, 29,30,31,32,33,34, 35,36,37,38,39/03
Region 4	2002	1*,23/03	SDPUB143	2000	8*,10,19,29/00;16, 26/01;1,25/02;9/03	COMDTM165023	2003	17*,18,19,20,21,22, 23,24,25,26,28,31, 32,33,34,35,36,37, 38,39/03
Region 5	2002	1*,3,5,8,22,27,30, 33,38/03	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	COMDTM165024	2003	18*,19,20,21,22,23, 24,25,26,27,28,29, 30,31,32,33,34,35, 36,37,38,39/03
Region 6	2002	1*,10,11,13,16,19, 20,21,25,28,30,33, 38/03	SDPUB147	2001	35/01*;21,22,23, 24/02;39/03	COMDTM165025	2002	16/02*
Region 7	2002	1*,11,15,28/03	SDPUB148	2001	48/01*;23,24/02; 22/03	COMDTM165026	2003	18*,19,20,21,22,23, 24,25,26,27,28,29, 30,31,32,33,34,35, 36,37,38,39/03
Region 8	2002	1*,14,37/03	SDPUB153	2000	6/01*;28,30,41,44, 46,47,48,52/02;1,3, 4,8,13,15,22,25,32, 35,37,38,39/03	COMDTM165027	2003	18*,19,20,21,22,23, 24,26,27,28,30,31, 32,33,34,35,36,37, 38,39/03
Region 9	2002	1*,34/03	SDPUB154	2002	17*,19,31,42,44,45, 46,48,50/02;3,14,19, 23,30/03	FLEET GUIDES		
Miscellaneous Charts and Publications	2002	1*,2,4,5,6,7,9,11,12, 13,15,17,18,19,20, 21,23,24,25,27,28, 29,30,31,32,33,34, 36,37,38,39/03	SDPUB155	2001	31*,48/01;10,45, 46/02	FGPUB940ATL	2001	N47/01*
LLPUB110	2003	7*,8,9,11,13,14,15, 16,17,18,20,21,23, 24,25,26,27,28,29, 31,32,33,34,36,37, 38,39/03	SDPUB159	2002	42*,48/02	FGPUB941PAC	2001	N22/01*
LLPUB111	2003	33*,34,35,36,37,38, 39/03	SDPUB160	2002	47*,48,49,52/02;6,8, 10,11,19,21,22,23, 30,33,36,39/03	NOS MISCELLANEOUS PUBLICATIONS		
LLPUB112	2003	4*,5,6,7,8,9,10,11, 12,13,14,15,16,17, 18,19,20,21,22,23, 24,25,26,27,28,29, 30,31,32,33,34,35, 36,37,38,39/03	SDPUB161	2002	23*,24,44,47,48/02; 5,12/03	NOSPBCATALOG1	2000	20/00*
LLPUB113	2002	45*,47,48,50,51, 52/02;1,2,3,4,5,6,7, 8,10,11,12,13,14,15, 16,17,18,19,20,21, 22,23,24,25,26,27, 28,29,30,31,32,33, 34,35,36,37,39/03	SDPUB162	2001	51/01*;5,12/03	NOSPBCATALOG2	2000	34/00*
LLPUB114	2003	17*,19,21,22,23,24, 27,31,32/03	SDPUB163	2002	18*,20,21,26,46, 51/02;13,24,26,27, 28,29,30,31,39/03	NOSPBCATALOG3	2000	28/00*
LLPUB115	2002	39*,40,41,44,45,50, 51,52/02;1,15,19,20, 26,34,35,36,37,38, 39/03	SDPUB164	2000	30/00*;31,35,36/01; 8,28/03	NOSPBCATALOG4	2000	34/00*
LLPUB116	2003	24*,26,27,28,29,30, 31,32,33,34,35,36, 37,38,39/03	SDPUB171	2001	40*,47,48,52/01;5,9, 14,16,41/02;23,24, 26/03	ALMANACS		
SAILING DIRECTIONS								
CDPUBSD125	2003	19/03*	SDPUB175	2001	41*,43,45,51/01;8, 11,12,13,14,16,17, 21,27,37,41,49/02; 26,27,29,32,37, 38/03	AIRALMANAC401	2004	29/03*
CDPUBSD127	2003	39/03*	SDPUB180	2002	32*,33,42,47,48, 50/02;6,13,14,17,21, 24/03	NAUTALMANAC04	2004	29/03*
CDPUBSD131	2002	9/03*	SDPUB181	2002	38*,39/02	COAST PILOT		
CDPUBSD146	2002	4/03*	SDPUB182	2001	8*,10,12,41/02; 17/03	NOSPBCP1	33	27*,28,29,32,33,34, 39/03
CDPUBSD157	2003	17/03*	SDPUB183	2001	27/01*;13,15,16/02; 18/03	NOSPBCP2	32	17*,18,21,22,26,28, 30,32,33,35,36, 39/03
CDPUBSD158	2003	24/03*	SDPUB191	2000	5*,7,8,9,10,11,12, 13,14,15,16,17,18, 19,20,22,23,27,28, 29,30,31,33,34,36, 44,45,47,48/01;10, 14,15,16,17,42, 50/02;2,9,12,15,18, 22/03	NOSPBCP3	36	34*,36/03
CDPUBSD192	2003	32*,36,38,39/03	SDPUB193	2000	27*,38,49/00;9,26, 27,31,32/01;14,15, 26,52/02;18,19,20, 23,29/03	NOSPBCP4	35	34*,36,39/03
CDPUBSD194	2002	6*,8,15,17,30,33,35, 37,38,39/03	SDPUB195	2002	33*,40,49,51,52/02; 1,2,3,15,16,21,32, 33/03	NOSPBCP5	30	2*,6,10,12,14,18,20, 27,30,32,35,36,37, 39/03
SDPUB120	2001	12*,18,48,49,51/01; 8,13,14,21,22,24,29, 33,35,37,42,43,44, 45,47/02;4,6,7,8,9, 10,11,12,14,17,20, 21,23,29,30,31/03	SDPUB197	2001	41*,43,45,51/01;8, 11,12,13,14,16,17, 21,27,37,41,49/02; 26,27,29,32,37, 38/03	NOSPBCP6	33	23*,27,29,32,34, 39/03
SDPUB123	2001	45*,47,48/01;1,14, 17,18,19/02;24,25, 27,28,32,38/03	SDPUB198	2002	32*,33,42,47,48, 50/02;6,13,14,17,21, 24/03	NOSPBCP7	35	37*,38,39/03
SDPUB124	2001	18*,44,45,47,48,49, 52/01;17,19,20,21, 29,30,31,34,46, 50/02;24,25,27,28, 29,30,32,35,36,37, 39/03	SDPUB199	2000	27*,38,49/00;9,26, 27,31,32/01;14,15, 26,52/02;18,19,20, 23,29/03	NOSPBCP8	25	32*,33,34,39/03
SDPUB126	2002	39*,41,42,43,44,45, 48/02;24,26,27,28, 30,32/03	SDPUB200	2002	38*,39,42/02;22,27, 34/03	NOSPBCP9	21	30*,32,33,36,39/03
SDPUB132	2000	39*,45/00;16,17,31, 35/01;1,12,21,25, 26/02;2,10/03				RADIO NAVIGATIONAL AIDS		
						RAPUB117	2002	50/02*;13/03
AMERICAN PRACTICAL NAVIGATOR								
NVPUB9	2002	36/02*;14,38/03				NVPUB9	2002	36/02*;14,38/03
INTERNATIONAL CODE OF SIGNALS								
CDPUBNV102	2003	20/03*						
WORLD PORT INDEX								
NVPUB150	2000	50/00*:14,15,16,20, 21,41,42,43,44,45, 46,47,48,49,51, 52/01;1,2,5,6,10,11, 12,16,19,21,22,27, 31,32,33,36,39,40, 42,46,49/02;2,7,10, 15,20/03						
DISTANCES BETWEEN PORTS								
NVPUB151	2001	4/02*						

SECTION II

**PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 39/03**

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

NIMA Reference No.	Ed.	Notice to Mariners No.		
RADAR NAVIGATION AND MANEUVERING BOARD MANUAL CDPUBNV1310	2001	51/01*		
SIGHT REDUCTION TABLES (MARINE)				
SRPUB229V1	1970	11/71*		
SRPUB229V2	1970	11/71*		
SRPUB229V3	1970	7/71*		
SRPUB229V4	1970	3/71*		
SRPUB229V5	1970	3/71*		
SRPUB229V6	1970	23/70*		
SIGHT REDUCTION TABLES (AIR)				
SRPUB249V1	2000	4/01*		
SRPUB249V2	1952	46/52*		
SRPUB249V3	1952	46/52*		
CHART NO. 1 WOBZC1	1997	18/98*		
CHART NO. 4 WOBZC4	1988	N23/91*		
ATLAS OF PILOT CHARTS				
NVPUB107	1998	30/99*		
NVPUB109	2001	49/02*		
USCG NAVIGATION RULES COMDTM166722D	1999	44/99*;52/00		
NOS TIDE TABLES				
NOSPBTTCWPACIN3	2003	N4/03*		
NOSPBTTECSTNSA3	2003	N4/03*		
NOSPBTTEURAFR3	2003	N4/03*		
NOSPBTWCSTNSA3	2003	N4/03*		
TIDAL CURRENT TABLES				
NOSPBTCTATCSTN3	2003	N4/03*		
NOSPBTCTPACAS3	2003	N4/03*		

SECTION III

NM 39/03

BROADCAST WARNINGS

Details concerning the particulars of the broadcasting of radio navigational warnings may be found in Radio Navigational Aids, Pub. 117.

NAVAREA IV

Messages in force 111200Z September 2003:

2001 series	2002 series	2003 series	331(14)	350(11)	376(GEN)
393(GEN)	219(GEN)	108(26,27)	345(11,12,26)	373(11,26)	377(GEN)

The summary of all NAVAREA IV messages in force as of 12 December 2002 is given in Section III of NM 52/02. Warnings issued during the subsequent quarters are issued in NM 13/03 and 26/03.

NAVAREA IV WARNINGS issued from 121100Z June to 111200Z September 2003.

238/03 thru 330/03. CANCELED.

331/03(14). NORTH ATLANTIC.

SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY
M/V AKADEMİK LAZAREV TOWING 9000 METER LONG CABLES
IN AREA BOUND BY 49-00N 051-45W, 51-40N 050-15W,
49-40N 045-00W, 47-30N 046-00W, 47-15N 048-00W,
49-00N 051-46W. 5.5 MILE BERTH REQUESTED.

(120540Z AUG 2003)

332/03 thru 344/03. CANCELED.

345/03(11,12,26). VIRGINIA. NAVTEX.

1. NAVTEX STATION CHESAPEAKE OFF AIR.
2. CANCEL NAVAREA IV 337/03(GEN), OPERATIONS DELAYED.

(181243Z AUG 2003)

346/03 thru 349/03. CANCELED.

350/03(11). GEORGIA. NAVTEX.

1. NAVTEX STATION SAVANNAH OFF AIR.
2. CANCEL NAVAREA IV 310/03(11,12,26), NAVAREA IV 345/03 REFERS.

(201828Z AUG 2003)

351/03 thru 372/03. CANCELED.

373/03(11,26). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS:

- A. 0400Z TO 0359Z COMMENCING DAILY
07 THRU 14 SEP IN AREA BOUND BY
30-45N 080-54W, 30-45N 080-11W,
30-36N 080-11W, 30-33N 080-55W.
B. 0400Z TO 0359Z COMMENCING DAILY
10 THRU 14 SEP IN AREA BOUND BY
30-45N 080-11W, 30-45N 079-40W,
30-38N 079-40W, 30-36N 080-11W.
C. 0400Z TO 0359Z COMMENCING DAILY
07 THRU 14 SEP IN AREA BETWEEN
29-10N 29-20N AND 079-40W 079-50W.
D. 1300Z TO 0600Z COMMENCING DAILY
07 THRU 10 SEP IN AREA BETWEEN
30-00N 29-50N AND 081-00W 080-50W.
E. 0400Z TO 0359Z COMMENCING DAILY
09 THRU 14 SEP IN AREA BETWEEN
30-50N 31-10N AND 080-30W 080-40W.
2. CANCEL THIS MSG 150459Z SEP.

(051140Z SEP 2003)

374/03 and 375/03. CANCELED.

SECTION III

376/03(GEN).

1. NAVAREA IV MESSAGES IN FORCE 061000Z SEP 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2003 SERIES: 325(14), 331(14), 345(11,12,26), 350(11), 367(11,26), 371(GEN), 372(GEN), 373(11,26), 375(11,26).
2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02.
WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03 AND 36/03.
3. CANCEL NAVAREA IV 368/03.

(061010Z SEP 2003)

377/03(GEN). NORTH ATLANTIC. NEW YORK.

1. LORAN-C STATION SENECA, RATES 9960-MASTER AND 8970-X,
OFF AIR 121200Z TO 121600Z SEP.
2. CANCEL NAVAREA IV 325/03(14).
3. CANCEL THIS MSG 121700Z SEP.

(090650Z SEP 2003)

SECTION III

HYDROLANTS

Messages in force 111200Z September 2003:

2000 series	2882(54)	1342(55)	1597(54)	1672(56)	1718(24)
2937(38)	2883(54)	1374(52,53)	1598(55)	1673(53)	1721(51)
3762(43)	2003 series	1422(53)	1600(37)	1676(57)	1723(36,37)
4265(44)	41(37)	1464(55)	1601(57,61)	1679(37)	1724(37)
2001 series	67(37)	1465(51)	1602(23)	1685(37)	1727(24)
611(44)	390(22)	1470(54)	1606(24)	1687(35)	1728(55)
2659(GEN)	544(55)	1472(35)	1607(24)	1691(24)	1729(24)
2700(37)	604(26,27)	1490(55)	1619(57)	1692(53)	1730(37)
3161(44)	738(35)	1520(55)	1620(53,56)	1693(GEN)	1731(35)
2002 series	754(37)	1522(51,52)	1625(53)	1696(GEN)	1732(37)
245(GEN)	867(37)	1526(51)	1637(55)	1698(35,43)	1733(24)
246(GEN)	903(36)	1552(23,24)	1641(37)	1700(51)	1734(24)
383(53)	1117(37)	1553(37)	1646(24)	1701(37)	
2203(51)	1242(24)	1570(53)	1647(51,52)	1707(52)	
2682(51)	1255(44)	1578(54)	1655(53)	1714(54)	
2848(37)	1291(37)	1585(38)	1657(52)	1715(36)	
2869(52)	1298(37)	1591(37)	1660(24)	1717(53)	

The summary of all HYDROLANTS in force as of 12 December 2002 is given in Section III of NM 52/02.
Warnings issued during the subsequent quarters are issued in NM 13/03 and 26/03.

HYDROLANT WARNINGS issued from 121100Z June to 111200Z September 2003.

1153/03 thru 1241/03. CANCELED.

1242/03(24). BRAZIL-NORTH COAST.

CHART 24270 (3RD ED).

1. RECIFE MANOEL LUIS BF-1 LIGHTFLOAT
00-49S 044-16W TEMPORARILY REMOVED.
2. CANCEL HYDROLANT 1219/03.

(270555Z JUN 2003)

1243/03 thru 1254/03. CANCELED.

1255/03(44). BALTIC SEA.

UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE
WITHIN ONE MILE OF 55-20.76N 014-45.27E.

WIDE BERTH REQUESTED.

(281125Z JUN 2003)

1256/03 thru 1290/03. CANCELED.

1291/03(37). DOVER STRAIT.

SALVAGE OPERATIONS IN PROGRESS UNTIL FURTHER
NOTICE VICINITY 51-22.0N 002-12.9E.
500 METER BERTH REQUESTED.

(031400Z JUL 2003)

1292/03 thru 1297/03. CANCELED.

1298/03(37). NORTH SEA.

CHART 37175 (2ND ED).
PLATFORM K7-FB UNDER CONSTRUCTION IN 53-37.8N 003-04.1E.
0.65 MILE BERTH REQUESTED.

(042055Z JUL 2003)

1299/03 thru 1341/03. CANCELED.

1342/03(55). DARDANELLES.

1. PIPELAYING OPERATIONS IN PROGRESS UNTIL
30 OCT ALONG TRACKLINE BETWEEN
40-59.8N 029-00.2E AND 41-00.0N 028-59.6E.
2. CANCEL THIS MSG 31 OCT.

(120840Z JUL 2003)

1343/03 thru 1373/03. CANCELED.

SECTION III

1374/03(52,53). STRAIT OF SICILY.
 CHART 52180 (14TH ED).
 SCAURI LIGHT 36-46.1N 011-57.5E UNLIT.

(171338Z JUL 2003)

1375/03 thru 1421/03. CANCELED.

1422/03(53). SARDEGNA-WEST COAST.
 CHART 53110 (1ST ED).
 OCEANOGRAPHIC BUOY 39-59.10N 007-34.20E REMOVED.
 OCEANOGRAPHIC BUOY, FL (2) Y 20 SEC, ESTABLISHED
 IN 39-53.75N 007-33.43W.

(240940Z JUL 2003)

1423/03 thru 1463/03. CANCELED.

1464/03(55). BLACK SEA.
 CABLE LAYING OPERATIONS IN PROGRESS UNTIL
 FURTHER NOTICE BY M/V VEGA AND M/V GRANIT
 IN AREA BETWEEN 44-31.6N 44-32.0N AND
 029-33.0E 029-32.9E.

(021220Z AUG 2003)

1465/03(51). AZORES TO SPAIN.
 31 FOOT S/V VESTBRIS, WHITE HULL, TWO PERSONS ON BOARD, OVERDUE
 PONTA DELGADA TO LA CORUNA. VESSELS IN VICINITY REQUESTED
 TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO
 JRCC STAVANGER, TELEX: 5633163, PHONE: 475 151 7000,
 FAX: 475 165 2334, MRCC PONTA DELGADO OR MRCC MADRID.

(021446Z AUG 2003)

1466/03 thru 1469/03. CANCELED.

1470/03(54). ADRIATIC SEA.
 MAN OVERBOARD FROM M/V MARCO POLO VICINITY
 42-29.8N 017-05.7E. VESSELS IN VICINITY
 REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST
 IF POSSIBLE. REPORTS TO MRCC RIJEKA,
 TELEX: 5992 7859, PHONE: 385 5131 2253,
 FAX: 385 5131 2254.

(030911Z AUG 2003)

1471/03. CANCELED.

1472/03(35). SCOTLAND-WEST COAST.
 CHART 35299 (9TH ED).
 1. MC ARTHURS HEAD LIGHT 55-46N 006-03W TEMPORARILY
 CHANGED TO: FL (2) W 10 SEC 8 MILES.
 2. CANCEL HYDROLANT 1434/03(52).
 3. CANCEL HYDROLANT 1213/03.

(041040Z AUG 2003)

1473/03 thru 1489/03. CANCELED.

1490/03(55). BLACK SEA.
 1. SURVEY OPERATIONS IN PROGRESS UNTIL 30 SEP BY
 M/V DIORIT AND M/V ISKATEL IN AREA BOUND BY
 44-54N 036-28E, 44-41N 036-27E,
 44-42N 035-57E, 44-57N 035-57E.
 THREE MILE BERTH REQUESTED.
 3. CANCEL THIS MSG 01 OCT.

(071318Z AUG 2003)

1491/03 thru 1519/03. CANCELED.

1520/03(55). BLACK SEA. ORDNANCE.
 CHART 55129 (7TH ED).
 1. MINE IN 44-36.3N 037-55.4E.
 2. CANCEL HYDROLANT 1518/03.

(110840Z AUG 2003)

1521/03. CANCELED.

SECTION III

NM 39/03

1522/03(51,52). STRAIT OF GIBRALTAR.

1. NATO WARSHIPS ARE CONDUCTING ESCORT OPERATIONS IN THE STRAIT OF GIBRALTAR IN ORDER TO MAINTAIN SECURITY IN THE AREA AND TO ENSURE THE SAFE TRANSIT OF DESIGNATED ALLIED SHIPS.
2. ALL VESSELS SAILING THROUGH THE STRAIT OF GIBRALTAR ARE REQUESTED TO KEEP 500 YARDS CLEAR OF ESCORT FORMATIONS AND ARE ADVISED TO LISTEN ON VHF CHANNEL 16.
3. ANY VESSEL APPROACHING A MILITARY FORMATION WITHOUT ESTABLISHING COMMUNICATIONS MAY BE CONSIDERED AS HAVING POTENTIALLY HOSTILE INTENTIONS.
4. NOTHING IN THIS NAVIGATIONAL WARNING IS INTENDED TO IMPEDE OR INTERFERE WITH THE FREEDOM OF NAVIGATION. THIS WARNING IS PUBLISHED SOLELY TO ADVISE ABOUT THE HEIGHTENED STATE OF READINESS OF NATO FORCES.

(111050Z AUG 2003)

1523/03 thru 1525/03. CANCELED.

1526/03(51). NORTH ATLANTIC.

S/V REMS, FIVE PERSONS ON BOARD, DISMasted
AND ADRIFT IN 36-47.29N 036-31.48W AT
111100Z AUG. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC DELGARDA, TELEX: 82479,
PHONE: 3512 9628 1777, FAX: 3512 9620 5239.

(111630Z AUG 2003)

1527/03 thru 1551/03. CANCELED.

1552/03(23,24). ARGENTINA.

1. CABLE OPERATIONS IN PROGRESS UNTIL 13 NOV
BY CABLESHIP TYCO RESPONDER VICINITY
36-30S 056-30W. WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 1546/03.
3. CANCEL THIS MSG 14 NOV.

(150910Z AUG 2003)

1553/03(37). ENGLAND-SOUTHEAST COAST.

CHART 37150 (8TH ED).

1. DANGEROUS WRECK MARKED BY EAST CARDINAL BUOY,
VQ (3) 5 SEC, RACON (D) IN 52-33.47N 002-32.88E
AND WEST CARDINAL BUOY IN 52-33.47N 002-32.52E.
2. CANCEL HYDROLANT 1516/03.

(150920Z AUG 2003)

1554/03 thru 1569/03. CANCELED.

1570/03(53). TYRRHENIAN SEA.

CHART 53181 (4TH ED).

ISOLA FILICUDI LIGHT 38-35.0N 14-31.7E UNRELIABLE.

(181304Z AUG 2003)

1571/03 thru 1577/03. CANCELED.

1578/03(54). ADRIATIC SEA.

MAN OVERBOARD FROM M/V OLYMPIA PALACE VICINITY
42-35N 015-26E. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC ROME, TELEX: 4361 1172,
PHONE: 3906 5908 4527, FAX: 390 6592 2737.

(190600Z AUG 2003)

1579/03 thru 1584/03. CANCELED.

1585/03(38). NORTH ATLANTIC.

DISTRESS SIGNAL RECEIVED ON 406 MHZ FROM F/V KINSYO MARU
WITHIN THREE MILES OF 55-01-33N 024-25-40W AT 192214Z AUG.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST
IF POSSIBLE. REPORTS TO MRCC FALMOUTH.

(192323Z AUG 2003)

1586/03 thru 1590/03. CANCELED.

SECTION III

1591/03(37). BAY OF BISCAY.

CABLE OPERATIONS 201900Z AUG UNTIL FURTHER NOTICE
BY CABLESHIP TENEZO IN AREA BETWEEN 43-44N 43-47N
AND 005-45W 005-25W. WIDE BERTH REQUESTED.

(201750Z AUG 2003)

1592/03 thru 1596/03. CANCELED.

1597/03(54). ADRIATIC SEA.

M/V ACQUA AZZURRA, CABLESHIP IXTN AND M/V MED SEI COLLIDED
IN 44-03N 013-47E. VESSELS IN VICINITY REQUESTED TO KEEP A
SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRSC ANCONA,
PHONE: 390 7150 2101.

(211157Z AUG 2003)

1598/03(55). BLACK SEA. GUNNERY.

1. GUNNERY EXERCISES 220900Z TO 221400Z AUG,
0900Z TO 2000Z DAILY 26 THRU 29 AUG, 1, 2, 22 AND 23 SEP
AND 0900Z TO 1500Z DAILY 17 THRU 19 AND 24 SEP
IN AREA BOUND BY 44-23.0N 028-42.5E, 44-27.0N 029-01.0E,
44-20.0N 029-01.5E, 44-13.0N 028-56.5E.
2. CANCEL THIS MSG 241600Z SEP.

(211400Z AUG 2003)

1599/03. CANCELED.

1600/03(37). ENGLAND-EAST COAST.

CHART 37150 (8TH ED).
NEWARP LIGHTFLOAT 52-48N 001-56E REPLACED BY
SAFEWATER BUOY, LFL 10 SEC, RACON (O).

(211742Z AUG 2003)

1601/03(57,61). SOUTH AFRICA.

MAN OVERBOARD FROM M/V NAZIRE IN 35-01.0S 020-07.6E. VESSELS
IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO CAPE TOWN RADIO, TELEX: 95 511600, PHONE: 27 21 551 0700,
FAX: 27 21 551 3760.

(220030Z AUG 2003)

1602/03(23). SOUTH ATLANTIC.

1. SEISMIC SURVEY IN PROGRESS UNTIL 12 SEP BY M/V THALES VENTURER
IN AREA BETWEEN 53-00S 54-00S AND 061-00W 063-00W.
2. CANCEL HYDROLANT 1595/03(24).
3. CANCEL THIS MSG 13 SEP.

(220149Z AUG 2003)

1603/03 thru 1605/03. CANCELED.

1606/03(24). BRAZIL-NORTH COAST.

CHART 24270 (3RD ED).
PONTA DA PRAIA GRANDE LIGHT 01-07.2S 045-37.6W UNLIT.

(220630Z AUG 2003)

1607/03(24). BRAZIL-NORTH COAST.

CHART 24260 (5TH ED).
LENCOIS GRANDES LIGHT 02-22.8S 043-16.2W UNLIT.

(220635Z AUG 2003)

1608/03 thru 1618/03. CANCELED.

1619/03(57). GULF OF GUINEA.

SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE
BY M/V RAMFORM VALIANT TOWING TEN 6000 METER
LONG CABLES IN AREA BOUND BY 05-54.5N 003-50.4E,
05-54.5N 003-59.5E, 05-42.1N 004-11.8E,
05-42.1N 004-18.0E, 05-38.3N 004-21.8E,
05-31.8N 004-21.8E, 05-31.9N 003-58.6E,
05-40.2N 003-50.4E. FIVE MILE BERTH REQUESTED.

(250610Z AUG 2003)

1620/03(53,56). SICILIA TO LIBYA.

1. PIPELINE OPERATIONS IN PROGRESS UNTIL 24 FEB BY
M/V CASTORO 6 VICINITY OF TRACKLINE BETWEEN
37-02.3N 014-17.6E AND 32-51.5N 012-14.8E.
TWO MILE BERTH REQUESTED.
2. CANCEL THIS MSG 25 FEB 04.

(250650Z AUG 2003)

SECTION III

NM 39/03

1621/03 thru 1624/03. CANCELED.

1625/03(53). MALTA.

16 FOOT F/V, BLUE GREEN HULL, ONE PERSON ON BOARD,
OVERDUE VICINITY MALTA. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST
IF POSSIBLE. REPORTS TO MRCC MALTA,
PHONE: 356 824 212.

(251905Z AUG 2003)

1626/03 thru 1636/03. CANCELED.

1637/03(55). DARDANELLES.

1. PIPELAYING OPERATIONS 01 SEP THRU 07 APR
ALONG TRACKLINE BETWEEN
41-04.8N 029-03.9E AND 41-04.6N 029-03.8E.
2. CANCEL HYDROLANT 1636/03(14,38).
3. CANCEL THIS MSG 08 APR 04.

(270820Z AUG 2003)

1638/03 thru 1640/03. CANCELED.

1641/03(37). SPAIN-NORTH COAST.

1. SURVEY OPERATIONS 30 AUG THRU 18 SEP BY
M/V HESPERIDES TOWING 3000 METER LONG CABLE IN
AREA BOUND BY 45-35N 004-30W, 44-55N 002-25W,
43-30N 002-25W, 43-45N 005-55W, 45-00N 006-00W.
2. CANCEL THIS MSG 19 SEP.

(281050Z AUG 2003)

1642/03 thru 1645/03. CANCELED.

1646/03(24). URUGUAY.

CHART 24060 (2ND ED).
CABO POLONIO LIGHT 34-24S 053-47W UNLIT.

(290610Z AUG 2003)

1647/03(51,52). MOROCCO. GUNNERY.

1. GUNNERY EXERCISES 02 SEP THRU 31 DEC
WITHIN 20 MILES OF:
A. 33-41N 008-03W.
B. 29-53N 010-15W.
C. 27-00N 013-50W.
D. 23-35N 017-00W.
E. 35-22N 004-05W.
2. CANCEL THIS MSG 01 JAN 04.

(290910Z AUG 2003)

1648/03 thru 1654/03. CANCELED.

1655/03(53). SICILIA-SOUTHEAST COAST. GUNNERY.

1. GUNNERY EXERCISES 0400Z TO 2000Z DAILY 02 THRU 05,
08 THRU 12, 15 THRU 19, 22 THRU 26, 29 AND 30 SEP
WITHIN 1.5 MILES OF 36-39-19N 015-00-53E.
2. CANCEL THIS MSG 302100Z SEP.

(300910Z AUG 2003)

1656/03. CANCELED.

1657/03(52). ALGERIA.

1. SURVEY OPERATIONS 31 AUG UNTIL FURTHER NOTICE
BY M/V ODIN FINDER IN AREA BOUND BY
36-45.6N 002-16.7E, 36-36.9N 002-08.9E,
36-39.8N 002-03.5E, 36-46.7N 002-14.5E.
2. CANCEL HYDROLANT 1651/03(36,37).

(302200Z AUG 2003)

1658/03 and 1659/03. CANCELED.

1660/03(24). BRAZIL-EAST COAST.

1. SURVEY OPERATIONS 01 THRU 14 SEP BY M/V TAURUS
IN AREA BOUND BY 12-53S 038-38W,
12-54S 038-40W, 12-54S 038-41W,
12-52S 038-40W, 12-52S 038-41W,
12-45S 038-38W, 12-47S 038-30W,
12-53S 038-30W. WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 15 SEP.

(310520Z AUG 2003)

SECTION III

1661/03 thru 1671/03. CANCELED.

1672/03(56). EASTERN MEDITERRANEAN SEA.

1. SEISMIC SURVEY IN PROGRESS UNTIL 04 OCT BY
M/V AMADEUS TOWING EIGHT 3.5 MILE LONG CABLES
IN AREA BOUND BY 32-00N 031-38E,
31-34N 032-17E, 31-45N 032-27E,
32-11N 031-48E. FIVE MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 1048/03(57), OPERATIONS COMPLETED.
3. CANCEL THIS MSG 05 OCT.

(021040Z SEP 2003)

1673/03(53). TYRRHENIAN SEA.

DERELICT VESSEL CAPSIZED AND ADRIFT VICINITY
41-40.4N 011-15.2E. ONE PERSON REMAINS MISSING.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRSC ROME,
PHONE: 3906 6561 7349, FAX: 3906 6561 7312.

(021050Z SEP 2003)

1674/03 and 1675/03. CANCELED.

1676/03(57). GULF OF GUINEA.

1. UNDERWATER OPERATIONS IN PROGRESS UNTIL
FURTHER NOTICE BY M/V SAIPEM 10000 IN
05-44.4N 004-26.3E. ONE MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 1508/03.

(031010Z SEP 2003)

1677/03 and 1678/03. CANCELED.

1679/03(37). FRANCE-NORTHWEST COAST.

CHART 37050 (9TH ED).
RACON AT NORTHEAST BUOY 48-59.5N 005-24.0W AT REDUCED POWER.

(031430Z SEP 2003)

1680/03 thru 1684/03. CANCELED.

1685/03(37). ENGLAND-SOUTH COAST.

UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE
BY CABLESHIP SOVEREIGN WITH SUBMERSIBLE IN AREA
BETWEEN 50-33N 50-30N AND 002-49W 002-43W.
WIDE BERTH REQUESTED.

(041110Z SEP 2003)

1686/03. CANCELED.

1687/03(35). NORTH ATLANTIC. SHETLAND ISLANDS.

CHART 35170 (4TH ED).
MUCKLE SKERRY LIGHT 60-26.4N 000-51.7W TEMPORARILY
CHANGED TO: FL (2) W 10 SEC 5 MILES.

(041750Z SEP 2003)

1688/03 thru 1690/03. CANCELED.

1691/03(24). BRAZIL-EAST COAST.

CHART 24200 (14TH ED).
MORRO TAIPUS LIGHT 13-57.2S 038-56.5W UNLIT.

(050950Z SEP 2003)

1692/03(53). SICILIA-NORtheast COAST.

1. SURVEY OPERATIONS 08 SEP THRU 08 OCT BY
M/V COOPERAUT FRANCA IN AREAS BOUND BY:
A. 38-15.1N 015-44.2E, 38-15.5N 015-44.5E,
38-16.0N 015-44.4E, 38-15.4N 015-43.0E.
B. 38-24.9N 015-52.5E, 38-23.9N 015-51.9E,
38-23.7N 015-50.7E, 38-24.9N 015-51.0E.
C. 38-16.5N 015-35.6E, 38-16.2N 015-36.9E,
38-16.8N 015-38.0E, 38-17.2N 015-36.6E.

WIDE BERTH REQUESTED.

2. CANCEL HYDROLANT 1459/03(52,53).
3. CANCEL THIS MSG 09 OCT.

(051040Z SEP 2003)

SECTION III

NM 39/03

1693/03(GEN). GULF OF MEXICO.

1. THE PRODUCTION PROBLEM ASSOCIATED WITH DIGITAL NAUTICAL CHART CD15 (GULF OF MEXICO/STRAITS OF FLORIDA) HAS BEEN FIXED AND THE DNC CAN NOW BE USED FOR NAVIGATION OR SITUATIONAL AWARENESS.
2. CANCEL HYDROLANT 1643/03.

(051605Z SEP 2003)

1694/03 and 1695/03. CANCELED.

1696/03(GEN).

1. HYDROLANT MESSAGES IN FORCE 061200Z SEP 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2003 SERIES: 1464(55), 1465(51), 1470(54), 1472(35), 1487(55),
1490(55), 1520(55), 1522(51,52), 1526(51), 1552(23,24), 1553(37),
1570(53), 1578(54), 1585(38), 1591(37), 1597(54), 1598(55),
1600(37), 1601(57,61), 1602(23), 1606(24), 1607(24), 1619(57),
1620(53,56), 1625(53), 1637(55), 1641(37), 1646(24), 1647(51,52),
1655(53), 1657(52), 1660(24), 1661(52,53), 1662(51), 1670(24,57),
1671(24), 1672(56), 1673(53), 1674(23,29,57), 1676(57), 1679(37),
1682(36), 1683(57), 1684(24,51), 1685(37), 1687(35), 1689(24),
1690(24), 1691(24), 1692(53).
2. THE SUMMARY OF ALL HYDROLANT MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03 AND 26/03.
3. CANCEL HYDROLANT 1441/03, 1656/03, 1693/03.

(061210Z SEP 2003)

1697/03. CANCELED.

1698/03(35,43). NORTH SEA.

SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE
BY M/V SVITZER MERIDIAN TOWING 3000 METER LONG
CABLE IN AREA BETWEEN 54-35N 55-06N AND
000-39W 000-29E. WIDE BERTH REQUESTED.

(061647Z SEP 2003)

1699/03. CANCELED.

1700/03(51). NORTH ATLANTIC.

1. SURVEY OPERATIONS 08 THRU 29 SEP BY M/V THALASSA
IN AREA BETWEEN 20-00N 29-30N AND 028-00W
AND COASTLINE. WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 30 SEP.

(070424Z SEP 2003)

1701/03(37). ENGLISH CHANNEL.

CHART 37125 (15TH ED).
RCE BUOY 51-03N 001-53E UNRELIABLE.

(070504Z SEP 2003)

1702/03 thru 1706/03. CANCELED.

1707/03(52). LIBYA.

CHART 52160 (7TH ED).
MARSA DILAH LIGHT 32-47.5N 012-45.0E UNRELIABLE.

(072345Z SEP 2003)

1708/03 thru 1713/03. CANCELED.

1714/03(54). EASTERN MEDITERRANEAN SEA.

DISTRESS SIGNAL RECEIVED FROM S/V CONTESS MARIA,
THREE PERSONS ON BOARD, VICINITY 35-59.9N 018-29.5E.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO
MRCC ROME, INMARSAT-C: 4247 44220, TELEX: 611172,
PHONE: 390 6592 4145, FAX: 390 6592 2737.

(081816Z SEP 2003)

1715/03(36). NORTH ATLANTIC.

1. UNDERWATER OPERATIONS BY M/V TYCO RELIANCE:
 - A. 10 AND 11 SEP IN AREA BETWEEN 49-15N 48-50N AND 009-30W 008-30W.
 - B. 12 THRU 16 SEP IN AREA BETWEEN 48-15N 49-00N AND 010-30W 009-30W.
2. CANCEL HYDROLANT 1713/03.
3. CANCEL THIS MSG 17 SEP.

(082125Z SEP 2003)

SECTION III

1716/03. CANCELED.

1717/03(53). TYRRHENIAN SEA. GUNNERY.

1. GUNNERY EXERCISES 0600Z TO 1400Z DAILY 09 AND 10 SEP,
ALTERNATE 11 AND 12 SEP WITHIN
SIX MILES OF 38-30-40N 013-55-50E.
2. CANCEL THIS MSG 121500Z SEP.

(090010Z SEP 2003)

1718/03(24). BRAZIL-SOUTHEAST COAST.

1. HYDROGRAPHIC OPERATIONS 12 THRU 19, 23 SEP THRU 03 OCT
AND 07 THRU 16 OCT BY M/V SIRIUS IN AREA BETWEEN
20-10S 22-05S AND 038-20W 039-30W.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 17 OCT.

(090710Z SEP 2003)

1719/03 and 1720/03. CANCELED.

1721/03(51). NORTH ATLANTIC.

1. SIX METER LONG OBJECT ADRIFT IN 39-27.7N 017-47.3W
AT 061740Z SEP.
2. CANCEL THIS MSG 16 SEP.

(091040Z SEP 2003)

1722/03. CANCELED.

1723/03(36,37). ENGLAND.

- CHART 37010 (23RD ED).
1. WORMLEIGHTON DGPS STATION 52-12N 001-22W
UNRELIABLE UNTIL 061700Z OCT.
 2. CANCEL THIS MSG 061800Z OCT.

(091120Z SEP 2003)

1724/03(37). ENGLAND-SOUTH COAST.

CANCEL HYDROLANT 1685/03 AND THIS MSG, OPERATIONS COMPLETED.

(091625Z SEP 2003)

1725/03 and 1726/03. CANCELED.

1727/03(24). BRAZIL-SOUTH COAST.

1. F/V CHILE II, ORANGE AND RED HULL, TEN PERSONS
ON BOARD, UNREPORTED. LAST KNOWN POSITION
30-04.3S 047-00.4W. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST
IF POSSIBLE. REPORTS TO ANY COASTAL RADIO STATION.
2. CANCEL HYDROLANT 1711/03.

(100450Z SEP 2003)

1728/03(55). BLACK SEA. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 1000Z TO 1500Z AND 1600Z TO 2200Z
DAILY 15 THRU 28 SEP IN AREA BOUND BY
44-23.0N 028-42.5E, 44-27.0N 029-01.0E,
44-20.0N 029-01.5E, 44-13.0N 028-56.5E.
2. CANCEL HYDROLANT 1725/03(GEN).
3. CANCEL THIS MSG 282300Z SEP.

(101040Z SEP 2003)

1729/03(24). BRAZIL-SOUTH COAST.

MAN OVERBOARD VICINITY 23-18.7S 043-16.3W
AT 100502Z SEP. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO ANY COASTAL RADIO STATION.

(101830Z SEP 2003)

1730/03(37). NORTH SEA.

CABLE OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE
BY CABLESHIP MAERSK DEFENDER WITHIN ONE MILE OF
52-48.0N 002-52.2E. WIDE BERTH REQUESTED.

(102145Z SEP 2003)

1731/03(35). IRELAND-SOUTH COAST.

CHART 35036 (21ST ED).
MINE HEAD LIGHT 51-59.6N 007-35.2W RANGE REDUCED TO 20 MILES.

(102345Z SEP 2003)

SECTION III

NM 39/03

1732/03(37). FRANCE-NORTHWEST COAST.
CHART 37320 (16TH ED).
RACON AT POINTE DE CREACH LIGHT 48-27.6N 005-07.8W INOPERATIVE.

(110605Z SEP 2003)

1733/03(24). BRAZIL-SOUTH COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL 130259Z SEP BY
M/V VERITAS VIKING I TOWING SIX 6000 METER
LONG CABLES IN AREA BOUND BY
25-01.9S 042-33.3W, 25-01.6S 042-00.6W,
25-50.3S 041-59.9W, 25-50.6S 042-32.8W.
SIX MILE BERTH REQUESTED.
2. CANCEL THIS MSG 130359Z SEP.

(110615Z SEP 2003)

1734/03(24). BRAZIL-SOUTHEAST COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL 130259Z SEP
BY M/V CGG HARMATTAN TOWING SIX 6000 METER
LONG CABLES IN AREA BETWEEN
21-10S 20-50S AND 039-50W 040-18W.
FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 130359Z SEP.

(110620Z SEP 2003)

SECTION III

NM 39/03

NAVAREA XII

Messages in force 111200Z September 2003:

2001 series 298(GEN)	2002 series 178(GEN)	2003 series 221(19)	232(16,17,19) 237(GEN)	241(GEN) 248(18)
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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. Warnings issued during the subsequent quarters are issued in NM 13/03 and 26/03.

NAVAREA XII WARNINGS issued from 121100Z June to 111200Z September 2003.

158/03 thru 220/03. CANCELED.

221/03(19). NORTH PACIFIC. HAWAII. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2400Z DAILY MONDAY THRU SUNDAY IN THE PACIFIC MISSILE RANGE FACILITY, HAWAIIAN AREA, BARKING SANDS, KAUAI. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1600Z TO 0400Z DAILY MONDAY THRU FRIDAY. THE PACIFIC MISSILE RANGE FACILITY HAWAIIAN AREA (W188) IS BOUND BY:
 - A. 22-00.0N 159-51.0W.
 - B. 22-00.0N 160-00.0W THENCE CCW THREE MILES FROM NIIHAU/LEHUA.
 - C. 22-02.7N 160-09.1W.
 - D. 22-03.0N 160-21.0W.
 - E. 22-05.0N 161-35.0W THENCE CW 100 MILES FROM BARKING SANDS TACAN.
 - F. 22-02.4N 159-47.3W.
 - G. 22-45.0N 161-25.0W.
 - H. 22-56.0N 161-49.0W THENCE CW 125 MILES FROM BARKING SANDS TACAN.
 - I. 22-02.4N 159-47.3W.
 - J. 23-57.0N 160-41.0W.
 - K. 25-41.0N 161-36.0W THENCE CW 240 MILES FROM BARKING SANDS TACAN.
 - L. 22-02.4N 159-47.3W.
 - M. 25-47.0N 158-15.0W.
 - N. 23-54.0N 158-15.0W.
 - O. 22-20.0N 159-09.0W THENCE CCW 25 MILES FROM LIHUE VORTAC.
 - P. 21-58.1N 159-20.5W.
 - Q. 22-13.0N 159-42.0W THENCE CCW THREE MILES AND PARALLEL TO THE SHORELINE OF KAUAI.
 - R. 22-00.0N 159-51.0W.
2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT "MISSILE RANGE BARKING SANDS" ON 2182 KHZ, 4491 USB OR 156.8 MHZ (CHANNEL 16) BEFORE ENTERING THE ABOVE BOUNDARIES. IF UNABLE TO CONTACT THE PACIFIC MISSILE RANGE FACILITY PRIOR TO ENTERING OR WHILE IN THE WARNING AREA, RELAY MESSAGES THROUGH U.S. COAST GUARD HONOLULU.
3. VESSELS INBOUND AND OUTBOUND FOR HAWAIIAN PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS AS WELL AS ENHANCE THE VESSEL'S SAFETY BY PASSING SOUTH OF THE ISLANDS OF KAUAI AND NIIHAU DURING SPECIFIED TIMES.
4. CANCEL NAVAREA XII 190/03.

(271020Z AUG 2003)

222/03 thru 231/03. CANCELED.

232/03(16,17,19). NORTH PACIFIC.

1. SURVEY OPERATIONS BY M/V KAIREI TOWING 300 METER LONG CABLE:
 - A. 07 AND 08 SEP IN AREA BETWEEN 30-00N 40-00N AND 170-00E 175-00W.
 - B. 13 THRU 17 SEP IN AREA BOUND BY 45-00N 135-00W, 45-00N 170-00W, 49-00N 170-00W, 51-00N 162-00W, 53-00N 140-00W.
2. CANCEL THIS MSG 18 SEP.

(020910Z SEP 2003)

233/03 thru 236/03. CANCELED.

237/03(GEN). NORTH PACIFIC. RADIO SERVICES.

1. U.S. COAST GUARD STATIONS HONOLULU AND POINT REYES HF DSC UNRELIABLE 081600Z TO 130001Z SEP.
2. CANCEL THIS MSG 130101Z SEP.

(040620Z SEP 2003)

238/03 thru 240/03. CANCELED.

SECTION III

241/03(GEN).

1. NAVAREA XII MESSAGES IN FORCE 061000Z SEP 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2003 SERIES: 221(19), 232(16,17,19), 236(18), 237(GEN), 238(18), 240(18,19).
2. THE SUMMARY OF ALL NAVAREA XII MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03 AND 26/03.
3. CANCEL NAVAREA XII 230/03.

(061020Z SEP 2003)

242/03 thru 247/03. CANCELED.

248/03(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.
 - B. 33-52N 119-06W.
 - C. 33-29N 119-07W.
 - D. 33-29N 118-37W.
 - E. 33-20N 118-37W.
 - F. 32-11N 120-16W.
 - G. 31-54N 121-35W.
 - H. 35-09N 123-39W.
 - I. 35-29N 123-00W.
 - J. 35-04N 122-43W.
 - K. 35-57N 121-32W.
 - L. 34-59N 120-42W.
 - M. THENCE THREE NAUTICAL MILES FROM AND PARALLEL TO THE SHORELINE.
 - N. 34-24N 120-30W.
 - O. 34-08N 120-26W.
 - P. 34-08N 119-40W.
 - Q. 34-00N 119-40W.
 - R. 34-06N 119-13W.
 - S. 34-06N 119-11W.
 - T. 34-07N 119-10W.
 - U. 34-07N 119-07W.
 - V. 34-04N 119-04W.
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 238/03.

(111010Z SEP 2003)

SECTION III

HYDROPACS

Messages in force 111200Z September 2003:

2001 series	495(62)	1106(61)	1371(71,93)	1477(95)	1523(74)
1647(GEN)	496(62)	1110(61)	1394(93)	1478(94,95)	1525(95,96)
1976(62)	506(62)	1135(96)	1395(62)	1479(94,95)	1527(63)
2002 series	515(73)	1198(92)	1396(63)	1480(94,95)	1529(63)
146(62)	525(73,74)	1213(73)	1398(74)	1481(71)	1531(GEN)
205(GEN)	638(62)	1220(62)	1405(81)	1485(22)	1535(GEN)
206(GEN)	667(62)	1222(62)	1408(81)	1486(71,72,92)	1540(81)
352(73)	743(62)	1226(83)	1415(81)	1495(81)	1542(19,81)
403(72,73)	760(63)	1227(74)	1416(76)	1496(GEN)	1545(91,93,94)
637(75)	761(63)	1248(63)	1417(83)	1498(19,97)	1546(91,93,94)
2191(22)	777(62)	1266(73)	1418(83)	1499(81,91,97)	1548(62)
2199(63)	801(72)	1267(73)	1433(93)	1504(62)	1549(63)
2330(62)	880(63)	1275(97)	1437(57,61)	1505(61)	1550(63)
2339(63)	895(62)	1313(96)	1443(63)	1506(63)	1551(74)
2402(22)	960(63)	1322(61)	1456(21,22,83)	1510(81)	1552(94)
2003 series	992(62)	1324(19,97)	1461(81)	1513(81,97)	1553(61)
100(29)	993(62)	1330(62)	1465(94,95)	1514(62)	1556(91,94)
167(95)	998(71)	1334(61)	1467(61)	1515(83)	1558(81,97)
197(71)	1010(63)	1339(83)	1473(95)	1517(62)	1559(71)
207(62)	1031(62)	1351(81)	1474(81)	1518(62)	
445(96)	1041(71)	1366(97)	1476(93)	1519(96)	

The summary of all HYDROPACS in force as of 12 December 2002 is given in Section III of NM 52/02.
Warnings issued during the subsequent quarters are issued in NM 13/03 and 26/03.

HYDROPAC WARNINGS issued from 121100Z June to 111200Z September 2003.

1009/03. CANCELED.

1010/03(63). INDIA-EAST COAST.
CHART 63321 (6TH ED).
DANGEROUS WRECK IN 20-59.0N 088-15.6E.

(121244Z JUN 2003)

1011/03 thru 1030/03. CANCELED.

1031/03(62). PERSIAN GULF.
PIPELINE OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE
BY BARGES VICINITY OF TRACKLINE BETWEEN
25-55.5N 051-33.0E AND 26-31.5N 052-06.6E.
WIDE BERTH REQUESTED.

(160850Z JUN 2003)

1032/03 thru 1040/03. CANCELED.

1041/03(71). SOUTH CHINA SEA.
CHART 71027 (9TH ED).
ROYAL CHARLOTTE REEF LIGHT 06-57N 113-35E UNLIT.

(180720Z JUN 2003)

1042/03 thru 1105/03. CANCELED.

1106/03(61). INDIAN OCEAN. HAZARDOUS OPERATIONS.
1. HAZARDOUS OPERATIONS 010001Z JUL TO 302359Z SEP:
A. IN AREA BETWEEN 09-00S 13-00S AND 070-00E 073-00E.
B. WITHIN 60 MILES OF 04-30S 075-30E.
2. CANCEL THIS MSG 010059Z OCT.

(270740Z JUN 2003)

1107/03 thru 1109/03. CANCELED.

1110/03(61). MOZAMBIQUE.
CHART 61020 (2ND ED).
PONTA DA BARRA FALSA LIGHT 22-57.1S 035-35.1E UNLIT.

(272253Z JUN 2003)

1111/03 thru 1134/03. CANCELED.

SECTION III

1135/03(96). SEA OF OKHOTSK.

1. GEOPHYSICAL SURVEY 05 JUL THRU 30 SEP BY
M/V RAMFORM VANGUARD TOWING TEN 5000 METER LONG
CABLES IN AREA BOUND BY
54-19N 142-46E, 54-17N 142-36E, 54-25N 142-14E,
54-37N 142-00E, 55-00N 142-28E, 54-51N 142-53E,
54-29N 143-00E, 54-10N 143-41E, 53-59N 143-19E.
2.7 MILE BERTH REQUESTED.
2. CANCEL THIS MSG 01 OCT.

(010930Z JUL 2003)

1136/03 thru 1197/03. CANCELED.

1198/03(92). SULU SEA.

- CHART 92500 (1ST ED).
UNCOVERED ROCK REPORTED VICINITY 10-24.8N 119-56.6E.

(110950Z JUL 2003)

1199/03 thru 1212/03. CANCELED.

1213/03(73). PAPUA NEW GUINEA-SOUTHEAST COAST.

- CHART 73601 (3RD ED).
STRATHORD ISLANDS LIGHT 10-13.3S 151-52.0E UNLIT.

(121429Z JUL 2003)

1214/03 thru 1219/03. CANCELED.

1220/03(62). GULF OF SUEZ. EGYPT.

- CHART 62195 (7TH ED).
1. RACON AT RAS GHARIB LIGHT 28-21N 033-07E TEMPORARILY REMOVED.
2. CANCEL HYDROPAC 1117/03 AND 1118/03.

(140705Z JUL 2003)

1221/03. CANCELED.

1222/03(62). GULF OF SUEZ. EGYPT.

- CHART 62195 (7TH ED).
RACON AT AIN SUKHNA LIGHT 29-36N 032-21E TEMPORARILY REMOVED.

(140715Z JUL 2003)

1223/03 thru 1225/03. CANCELED.

1226/03(83). FIJI ISLANDS.

- CHART 83034 (1ST ED).
LIGHTS UNLIT:
1. CAPE WASHINGTON LIGHT 19-07S 177-58E.
2. VANUATABU LIGHT 19-02S 178-29E.
3. YACIWA ISLAND LIGHT 18-08S 179-21E.
4. POINT REEF LIGHT 16-50S 179-16E.

(150710Z JUL 2003)

1227/03(74). AUSTRALIA-NORTHWEST COAST.

1. PIPELAYING OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE BY BARGE SEMAC I ALONG TRACKLINE BETWEEN 20-05.3S 116-34.2E AND 19-35.0S 116-08.0E.
2.5 MILE BERTH REQUESTED.
2. CANCEL HYDROPAC 1204/03(61), SEARCH SUSPENDED.

(150920Z JUL 2003)

1228/03 thru 1247/03. CANCELED.

1248/03(63). INDIA-WEST COAST.

- CHART 63102 (19TH ED).
NAVIGATION PROHIBITED UNTIL FURTHER NOTICE IN AREA BETWEEN 18-50.5N 18-53.5N AND 072-39.0E 072-43.5E.

(181427Z JUL 2003)

1249/03 thru 1265/03. CANCELED.

1266/03(73). PAPUA NEW GUINEA-SOUTHEAST COAST.

- CHART 73601 (3RD ED).
LUNN ISLAND LIGHT 10-47.3S 152-00.4E UNLIT.

(230009Z JUL 2003)

SECTION III

NM 39/03

1267/03(73). PAPUA NEW GUINEA-SOUTHEAST COAST.
CHART 73631 (4TH ED).
1. BOMATU POINT LIGHT 08-23.8S 151-07.2E UNLIT.
2. CANCEL HYDROPAC 514/03.

(230510Z JUL 2003)

1268/03 thru 1274/03. CANCELED.

1275/03(97). NORTH PACIFIC.
DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN
27-58-26N 140-19-26E AT 241146Z JUL.
VESSELS IN VICINITY REQUESTED TO KEEP
A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO JAPAN COAST GUARD.

(241350Z JUL 2003)

1276/03 thru 1312/03. CANCELED.

1313/03(96). SAKHALIN-EAST COAST.
1. SEISMIC SURVEY 30 JUL THRU 30 SEP BY M/V ORIENT EXPLORER
TOWING FOUR 5000 METER LONG CABLES IN AREA BOUND BY
51-19N 143-34E, 51-32N 143-32E,
51-33N 143-43E, 51-20N 143-45E.
THREE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 01 OCT.

(291110Z JUL 2003)

1314/03 thru 1321/03. CANCELED.

1322/03(61). INDIAN OCEAN.
DISTRESS SIGNAL RECEIVED ON 121.5 MHZ VICINITY
35-33.3S 058-59.6E. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC LA REUNION, TELEX: 916140,
PHONE: 2622 6243 4343, FAX: 2622 6271 1595.

(311910Z JUL 2003)

1323/03. CANCELED.

1324/03(19,97). NORTH PACIFIC.
DISTRESS SIGNAL RECEIVED ON 243 MHZ IN 39-19N 172-53E
AT 010820Z AUG. 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.

(010920Z AUG 2003)

1325/03 thru 1329/03. CANCELED.

1330/03(62). GULF OF SUEZ.
1. AIDS TO NAVIGATION IN THE GULF OF SUEZ ARE REPORTED
UNRELIABLE. AIDS MAY BE MISSING, UNLIT OR OFF STATION.
VESSELS SHOULD NAVIGATE WITH PARTICULAR CAUTION.
MARINERS ARE REQUESTED TO SEND REPORTS TO NIMA
MARITIME SAFETY INFORMATION CENTER, FAX: 310 227 3175,
DSN FAX: 287 3175 OR E-MAIL: NAVNOTICES@NIMA.MIL.
2. CANCEL HYDROPAC 828/02.

(020740Z AUG 2003)

1331/03 thru 1333/03. CANCELED.

1334/03(61). INDIAN OCEAN.
DISTRESS SIGNAL RECEIVED ON 406 MHZ IN AREA BETWEEN
11-43S 11-37S AND 047-18E 046-38E. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC LA REUNION, TELEX: 916140,
PHONE: 2622 6243 4343, FAX: 2622 6271 1595.

(030031Z AUG 2003)

1335/03 thru 1338/03. CANCELED.

SECTION III

1339/03(83). ILES DE LA SOCIETE.

27 FOOT VESSEL, WHITE HULL WITH GREEN STRIPE,
UNREPORTED FROM HUAHINE ISLAND (16-45S 151-00W).
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO
MRCC PAPEETE, INMARSAT-C: 5824 2279 9192,
PHONE: 689 462 432, FAX: 689 423 915.

(040450Z AUG 2003)

1340/03 thru 1350/03. CANCELED.

1351/03(81). NORTH PACIFIC.

1. DISTRESS SIGNAL RECEIVED ON A 121.5 MHZ IN 19-19N 166-34E
AT 051627Z AUG. 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.
2. CANCEL HYDROFAC 1341/03 AND 1343/03, SIGNALS CEASED.

(051722Z AUG 2003)

1352/03 thru 1365/03. CANCELED.

1366/03(97). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 406 MHZ IN
39-49-04N 152-54-07E AND 41-17-31N 152-26-34E
AT 080914Z AUG. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO JAPAN COAST GUARD.

(081156Z AUG 2003)

1367/03 thru 1370/03. CANCELED.

1371/03(71,93). SOUTH CHINA SEA.

1. PIPELAYING OPERATIONS IN PROGRESS UNTIL 21 DEC
VICINITY OF TRACKLINE BETWEEN
05-08.5N 104-47.3E AND 05-14.5N 104-40.3E.
2. CANCEL THIS MSG 22 DEC.

(090910Z AUG 2003)

1372/03 thru 1393/03. CANCELED.

1394/03(93). GULF OF THAILAND.

1. SEISMIC SURVEY IN PROGRESS UNTIL 05 OCT
BY M/V GECO EMERALD TOWING SIX 2.5 MILE
LONG CABLES IN AREA BETWEEN
09-40N 10-04N AND 101-41E 102-30E.
2. CANCEL HYDROFAC 1134/03(71).
3. CANCEL THIS MSG 06 OCT.

(130055Z AUG 2003)

1395/03(62). PERSIAN GULF.

1. THE COALITION LEADERSHIP HAS NOTED THE WIDESPREAD
SMUGGLING OF IRAQI OIL VIA THE NORTHERN PERSIAN GULF,
AND HAS DIRECTED ACTION TO END IT. COALITION NAVAL
FORCES HAVE INTENSIFIED INTERCEPTION OPERATIONS
AGAINST SHIPS SMUGGLING THE ILLEGAL OIL, IN
CONJUNCTION WITH ENFORCEMENT ACTIONS BY IRAQI
OFFICIALS AND COALITION FORCES IN IRAQ. PROCEDURES
ARE BEING ESTABLISHED FOR DETENTION AND POSSIBLE
CONFISCATION OF THE SHIPS AND FOR LEGAL ACTION
AGAINST THE PARTICIPANTS.
2. ONLY OIL LEGALLY PURCHASED FROM THE IRAQI GOVERNMENT'S
STATE OIL MARKETING ORGANIZATION (SOMO) IS AUTHORIZED
FOR EXPORT. CURRENTLY AND FOR THE NEAR FUTURE, THIS
INCLUDES ONLY THE FOLLOWING TWO CATEGORIES:
 - A. CRUDE OIL ONLOADED AT THE OFFSHORE MINA AL-BAKR OIL
TERMINAL, PURCHASED UNDER VALID SOMO CONTRACT.
 - B. REFINED OIL ONLOADED AT KHOR AZ ZUBAYR TERMINAL IN
KHOR AZ ZUBAYR PORT, PURCHASED UNDER VALID SOMO CONTRACT.
3. ANY OIL THAT DOES NOT FALL WITHIN THE ABOVE TWO CATEGORIES
IS STOLEN GOVERNMENT PROPERTY AND THEREFORE NOT AUTHORIZED
FOR SALE OR TRANSPORT. THIS INCLUDES THE FOLLOWING CATEGORIES:
 - A. ALL IRAQI OIL, INCLUDING BOTH FUEL OIL AND GASOIL (DIESEL),
SOLD AS FUEL FOR SHIP BUNKERS. SOMO HAS NOT AUTHORIZED
THE SALE OF ANY SHIP BUNKERS, ANYWHERE IN IRAQ.
 - B. ANY IRAQI OIL CURRENTLY BEING SOLD IN ABU FLUS PORT OR
AT ANY OTHER LOCATION ALONG THE SHATT AL-ARAB WATERWAY.
4. THE COALITION LEADERSHIP IS COMMITTED TO RESTORING ECONOMIC
STABILITY IN IRAQ, WHICH INCLUDES CONTROLLING THE THEFT
AND SMUGGLING OF OIL THAT RIGHTFULLY BELONGS TO THE
IRAQI PEOPLE. ANY SHIP TRANSPORTING ILLEGAL IRAQI OIL

SECTION III

NM 39/03

- IS SUBJECT TO SEIZURE AND DETENTION BY COALITION
NAVAL FORCES. FURTHER, THE VESSEL MAY BE SUBJECT
TO FORFEITURE IN ACCORDANCE WITH IRAQI LAW.
5. SHIP OWNERS AND OPERATORS PARTICIPATING IN THE ILLEGAL
ACTIVITY ARE ADVISED OF COORDINATED COALITION EFFORTS
AND WARNED OF THE SEVERE CONSEQUENCES.

(131150Z AUG 2003)

1396/03(63). ANDAMAN ISLANDS.
CHART 63380 (1ST ED).
RUTLAND ISLAND LIGHT 11-20.6N 092-37.2E UNLIT.

(131300Z AUG 2003)

1397/03. CANCELED.

1398/03(74). AUSTRALIA-NORTHWEST COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE
BY M/V WESTERN MONARCH TOWING TEN
THREE MILE LONG CABLES IN AREA BETWEEN
19-00S 20-15S AND 115-00E 117-00E.
WIDE BERTH REQUESTED.
2. CANCEL HYDROFAC 1389/03.

(131600Z AUG 2003)

1399/03 thru 1404/03. CANCELED.

1405/03(81). NORTH PACIFIC.
DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 11-03.5N 165-17.8E
AT 142201Z AUG. 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.

(151110Z AUG 2003)

1406/03 and 1407/03. CANCELED.

1408/03(81). NORTH PACIFIC.
DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 19-32.6N 166-43.3E
AT 151456Z AUG. 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.

(151650Z AUG 2003)

1409/03 thru 1414/03. CANCELED.

1415/03(81). NORTH PACIFIC.
1. SUBMARINE RESEARCH OPERATIONS SUNRISE TO SUNSET DAILY
23 AUG THRU 15 SEP BY M/V SHINKAU 6500, M/V MOTHER SHIP
AND M/V YOKOSUKA WITH SUBMERSIBLE IN AREAS BETWEEN:
A. 13-40N 20-00N AND 145-40E 147-30E.
B. 12-41N 12-44N AND 143-30E 143-43E.
2. CANCEL THIS MSG 16 SEP.

(180840Z AUG 2003)

1416/03(76). SOUTH PACIFIC.
DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 36-51S 177-06E.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MARITIME OPERATIONS NEW ZEALAND,
INMARSAT-C: 4512 00067, PHONE: 644 914 8333, FAX: 644 914 8334
OR TAupo MARITIME RADIO.

(190011Z AUG 2003)

1417/03(83). SOUTH PACIFIC.
DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 50-11S 141-56W AND
41-52S 158-46W. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MARITIME OPERATIONS
NEW ZEALAND, INMARSAT-C: 4512 00067, PHONE: 644 914 8333,
FAX: 644 914 8334 OR TAupo MARITIME RADIO.

(190016Z AUG 2003)

1418/03(83). SOUTH PACIFIC.
DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 36-26S 173-54W.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO MARITIME OPERATIONS NEW ZEALAND,
INMARSAT-C: 4512 00067, PHONE: 644 914 8333, FAX: 644 914 8334
OR TAupo MARITIME RADIO.

(190045Z AUG 2003)

SECTION III

1419/03 thru 1432/03. CANCELED.

1433/03(93). GULF OF THAILAND.

1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE
BY M/V GEKO EAGLE TOWING EIGHT 4 MILE LONG CABLES
IN AREA BETWEEN 07-00N 07-20N AND 103-08E 103-40E.
2. CANCEL HYDROPAK 940/03.

(211251Z AUG 2003)

1434/03 thru 1436/03. CANCELED.

1437/03(57,61). SOUTH AFRICA.

MAN OVERBOARD FROM M/V NAZIRE IN 35-01.0S 020-07.6E. VESSELS
IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO CAPE TOWN RADIO, TELEX: 95 511600, PHONE: 27 21 551 0700,
FAX: 27 21 551 3760.

(220042Z AUG 2003)

1438/03 thru 1442/03. CANCELED.

1443/03(63). ARABIAN SEA.

1. SURVEY OPERATIONS IN PROGRESS UNTIL 15 SEP BY
M/V CHARLES DARWIN IN AREA BETWEEN
22-50N 23-20N AND 066-50E 065-50E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 16 SEP.

(221211Z AUG 2003)

1444/03 thru 1455/03. CANCELED.

1456/03(21,22,83). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 00-15.5N 116-51.3W
AT 190147Z AUG. 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.

(232311Z AUG 2003)

1457/03 thru 1460/03. CANCELED.

1461/03(81). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 14-12.2N 151-32.9E
AT 241438Z AUG. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO U.S. COAST GUARD GUAM.

(241630Z AUG 2003)

1462/03 thru 1464/03. CANCELED.

1465/03(94,95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1000Z DAILY 01 THRU 06,
08, 09, 13, 15 THRU 20, 22 THRU 27, 29 AND 30 SEP
IN AREA BETWEEN 34-50N 35-15N AND 124-50E 125-42E.
2. CANCEL HYDROPAK 1406/03(63) AND 1464/03(74).
3. CANCEL THIS MSG 301100Z SEP.

(251040Z AUG 2003)

1466/03. CANCELED.

1467/03(61). INDIAN OCEAN. SOUTH AFRICA.

44 FOOT S/V BEAM 7, WHITE HULL, ONE PERSON ON BOARD,
DISABLED AND IN NEED OF ASSISTANCE IN 36-05.4S 028-33.6E.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO CAPE TOWN RADIO,
PORT ELIZABETH RADIO OR DURBAN RADIO.

(252155Z AUG 2003)

1468/03 thru 1472/03. CANCELED.

1473/03(95). SEA OF JAPAN. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1000Z DAILY
01 THRU 06, 08, 09, 13, 15 THRU 20,
22 THRU 27, 29 AND 30 SEP
IN AREA BOUND BY
38-08N 129-51E, 38-08N 130-10E,
37-39N 130-10E, 37-42N 129-51E.
2. CANCEL THIS MSG 301100Z SEP.

(261315Z AUG 2003)

SECTION III

NM 39/03

1474/03(81). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 19-20.2N 166-37.9E
AT 261616Z AUG. 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.

(261815Z AUG 2003)

1475/03. CANCELED.

1476/03(93). SOUTH CHINA SEA.

1. SEISMIC SURVEY 28 AUG THRU 31 OCT BY
M/V NORDIC EXPLORER IN AREA BETWEEN
19-55.7N 20-09.6N AND 107-17.4E 107-29.4E.
2. CANCEL THIS MSG 01 NOV.

(270105Z AUG 2003)

1477/03(95). SEA OF JAPAN. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1300Z DAILY
01 THRU 06, 08, 09, 13, 15 THRU 20,
22 THRU 27, 29 AND 30 SEP IN AREA
BOUND BY 38-25N 128-45E, 38-25N 129-30E,
38-10N 129-30E, 38-10N 129-00E,
38-17N 129-00E, 38-17N 128-45E.
2. CANCEL THIS MSG 301400Z SEP.

(270910Z AUG 2003)

1478/03(94,95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1000Z DAILY
01 THRU 06, 08, 09, 13, 15 THRU 20,
22 THRU 27, 29 AND 30 SEP IN AREA
BETWEEN 36-05N 36-35N AND 124-50E 125-42E.
2. CANCEL THIS MSG 301100Z SEP.

(270920Z AUG 2003)

1479/03(94,95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1300Z DAILY
01 THRU 06, 08 THRU 13, 15 THRU 20,
22 THRU 27, 29 AND 30 SEP IN AREA
BETWEEN 35-35N 36-00N AND 125-00E 125-30E.
2. CANCEL THIS MSG 301400Z SEP.

(270940Z AUG 2003)

1480/03(94,95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1000Z DAILY
01 THRU 06, 08, 09, 13, 15 THRU 20,
22 THRU 27, 29 AND 30 SEP IN AREA
BOUND BY 36-35.0N 125-36.0E, 36-35.0N 124-50.0E,
37-06.0N 124-50.0E, 37-10.2N 125-36.0E.
2. CANCEL THIS MSG 301100Z SEP.

(270945Z AUG 2003)

1481/03(71). STRAIT OF MALACCA. GUNNERY.

1. GUNNERY EXERCISES 0001Z TO 1601Z DAILY
01 THRU 06, 08 THRU 13, 15 THRU 20,
22 THRU 27, 29 AND 30 SEP IN
AREA BOUND BY 04-33N 099-48E,
04-14N 100-17E, 04-53N 100-06E.
2. CANCEL THIS MSG 301701Z SEP.

(270950Z AUG 2003)

1482/03 thru 1484/03. CANCELED.

1485/03(22). PERU.

CHART 22012 (31ST ED).
LA CONCORDIA LIGHT 18-20.8S 070-22.5W UNLIT.

(280920Z AUG 2003)

1486/03(71,72,92). SULU SEA.

1. SEISMIC SURVEY 02 SEP THRU 02 OCT BY
M/V VERITAS SEARCHER, M/V ASIA PACIFIC NO. 1
AND M/V PHILIPPINE SEA IN AREA BOUND BY
06-26N 118-43E, 06-26N 119-09E,
06-24N 119-09E, 06-24N 119-15E,
06-20N 119-15E, 06-20N 119-17E,
06-16N 119-17E, 06-16N 119-21E,
06-12N 119-21E, 06-12N 119-42E,
05-53N 119-42E, 05-53N 119-03E,
06-00N 119-03E, 06-00N 118-50E,
06-04N 118-50E, 06-04N 118-45E,
06-16N 118-45E, 06-16N 118-43E.

SECTION III

2. CANCEL HYDROPAC 1432/03(63).
 3. CANCEL THIS MSG 03 OCT.

(281350Z AUG 2003)

1487/03 thru 1494/03. CANCELED.

1495/03(81). NORTH PACIFIC.
 DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 12-32N 162-30E
 AT 292154Z AUG. 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.

(292305Z AUG 2003)

1496/03(GEN).

1. HYDROPAC MESSAGES IN FORCE 301100Z AUG 2003. ONLY THOSE
 MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
 2003 SERIES: 1258(81), 1266(73), 1267(73), 1275(97), 1293(97),
 1297(95), 1300(61), 1302(94,95), 1305(71), 1313(96), 1314(63),
 1322(61), 1324(19,97), 1330(62), 1334(61), 1339(83), 1350(94),
 1351(81), 1366(97), 1371(71,93), 1394(93), 1395(62), 1396(63),
 1398(74), 1405(81), 1408(81), 1415(81), 1416(76), 1417(83),
 1418(83), 1422(81), 1433(93), 1437(57,61), 1440(96), 1443(63),
 1447(74), 1456(21,22,83), 1458(62), 1461(81), 1465(94,95),
 1467(61), 1474(81), 1475(61), 1476(93), 1477(95), 1478(94,95),
 1479(94,95), 1480(94,95), 1481(71), 1482(63), 1483(63),
 1485(22), 1486(71,72,92), 1487(GEN), 1492(63), 1493(63),
 1494(63), 1495(81).
 2. THE SUMMARY OF ALL HYDROPAC MESSAGES IN FORCE AS OF 12 DEC 2002
 IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE
 SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03 AND 26/03.
 3. CANCEL HYDROPAC 744/03, 1235/03, 1249/03, 1425/03, 1472/03.

(301120Z AUG 2003)

1497/03. CANCELED.

1498/03(19,97). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 34-50.3N 168-40.6E
 AT 301122Z AUG. 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.

(301210Z AUG 2003)

1499/03(81,91,97). NORTH PACIFIC.

175 TON F/V TE YI NO.66, BLUE HULL, 12 PERSONS
 ON BOARD, UNREPORTED. LAST KNOWN POSITION ALONG
 TRACKLINE BETWEEN 20-00N 128-00E AND 22-00N 128-00E
 ON 28 AUG. VESSELS IN VICINITY REQUESTED TO
 KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
 REPORTS TO JAPAN COAST GUARD.

(301254Z AUG 2003)

1500/03 thru 1503/03. CANCELED.

1504/03(62). PERSIAN GULF.

- CHART 62440 (8TH ED).
 1. CREAGH SHOAL LIGHTFLOAT 24-43.2N 052-43.0E UNLIT.
 2. CANCEL HYDROPAC 1458/03.

(311258Z AUG 2003)

1505/03(61). MOZAMBIQUE CHANNEL.

- CHART 61440 (2ND ED).
 1. ILE JUAN DE NOVA LIGHT 17-03.1S 042-41.8E UNLIT.
 2. CANCEL HYDROPAC 1765/02(71).
 3. CANCEL HYDROPAC 1447/03.

(010640Z SEP 2003)

1506/03(63). INDIA-EAST COAST.

13 METER F/V SONA, GREY HULL, FOUR PERSONS ON BOARD,
 UNREPORTED VICINITY VISHAKHAPATNAM (17-30N 083-30E).
 VESSELS IN VICINITY REQUESTED TO KEEP
 A SHARP LOOKOUT, ASSIST IF POSSIBLE.
 REPORTS TO ANY COASTAL RADIO STATION.

(010910Z SEP 2003)

1507/03 thru 1509/03. CANCELED.

SECTION III

NM 39/03

1510/03(81). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 14-32.4N 144-58.5E
AT 011426Z SEP. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO U.S. COAST GUARD GUAM.

(011522Z SEP 2003)

1511/03 and 1512/03. CANCELED.

1513/03(81,97). NORTH PACIFIC.

1. UNDERWATER OPERATIONS IN PROGRESS UNTIL 14 SEP
BY M/V HAKUREI MARU NO. 2 IN AREA BOUND BY
30-00N 135-00E, 20-00N 141-00E,
15-00N 137-30E, 15-00N 132-30E,
20-00N 135-00E, 25-00N 132-30E,
25-00N 130-00E, 27-30N 130-00E,
30-00N 132-30E.
2. CANCEL THIS MSG 15 SEP.

(021005Z SEP 2003)

1514/03(62). RED SEA.

CHART 62230 (2ND ED).
RACON AT QAD IBN HADDAN LIGHT 27-48.2N 034-06.0E OFF AIR.

(021630Z SEP 2003)

1515/03(83). SAMOA ISLANDS.

CHART 83026 (32ND ED).
STEPS POINT LIGHT 14-22.5S 170-45.4W UNLIT.

(022154Z SEP 2003)

1516/03. CANCELED.

1517/03(62). PERSIAN GULF.

SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE
BY M/V CGG FOHN TOWING SIX 3.5 MILE LONG CABLES
IN AREA BETWEEN 25-45N 26-20N AND 051-45E 052-20E.
WIDE BERTH REQUESTED.

(030840Z SEP 2003)

1518/03(62). RED SEA.

CHART 62230 (2ND ED).
RACON AT RAS UMM SID LIGHT 27-51.0N 034-18.9E OFF AIR.

(030950Z SEP 2003)

1519/03(96). BERING SEA.

1. SURVEY OPERATIONS 04 THRU 30 SEP BY
M/V ZEPHYR I TOWING 5000 METER LONG
CABLE IN AREA BOUND BY
60-23N 169-36E, 59-54N 169-40E,
57-39N 163-40E, 57-46N 163-15E,
58-56N 165-03E.
THREE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 01 OCT.

(031020Z SEP 2003)

1520/03 thru 1522/03. CANCELED.

1523/03(74). AUSTRALIA-NORTHWEST COAST.

1. UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER
NOTICE BY M/V CSO VENTURER IN AREA BETWEEN
20-12S 20-05S AND 116-31E 116-40E.
1.5 MILE BERTH REQUESTED.
2. CANCEL HYDROFAC 1501/03.

(040550Z SEP 2003)

1524/03. CANCELED.

1525/03(95,96). SEA OF JAPAN. GUNNERY.

1. GUNNERY EXERCISES 2200Z TO 0200Z COMMENCING DAILY
04 AND 07 THRU 11 SEP AND 0500Z TO 1300Z DAILY
04, 05 AND 08 THRU 12 SEP WITHIN
5.5 MILES OF 42-49.7N 131-21.8E.
2. CANCEL THIS MSG 121400Z SEP.

(041015Z SEP 2003)

1526/03. CANCELED.

SECTION III

1527/03(63). INDIA-NORTHEAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 15 SEP BY
M/V C-ORION TOWING SIX 5000 METER LONG CABLES
IN AREA BOUND BY 20-13.0N 087-27.0E,
20-17.1N 087-12.0E, 20-34.8N 087-09.8E,
20-34.8N 087-53.8E. WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 16 SEP.

(041140Z SEP 2003)

1528/03. CANCELED.

1529/03(63). ANDAMAN SEA. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0730Z TO 0830Z DAILY 09 AND 12 SEP
IN AREA BETWEEN 11-24N 11-39N AND 093-03E 092-49E.
2. CANCEL HYDROPAC 1475/03(61).
3. CANCEL THIS MSG 120930Z SEP.

(051110Z SEP 2003)

1530/03. CANCELED.

1531/03(GEN). GULF OF MEXICO.

1. THE PRODUCTION PROBLEM ASSOCIATED WITH
DIGITAL NAUTICAL CHART CD15
(GULF OF MEXICO/STRAITS OF FLORIDA)
HAS BEEN FIXED AND THE DNC CAN NOW BE
USED FOR NAVIGATION OR SITUATIONAL AWARENESS.
2. CANCEL HYDROPAC 1487/03.

(051615Z SEP 2003)

1532/03 thru 1534/03. CANCELED.

1535/03(GEN).

1. HYDROPAC MESSAGES IN FORCE 061200Z SEP 2003. ONLY THOSE
MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2003 SERIES: 1313(96), 1322(61), 1324(19,97), 1330(62), 1334(61),
1339(83), 1351(81), 1366(97), 1371(71,93), 1394(93), 1395(62),
1396(63), 1398(74), 1405(81), 1408(81), 1415(81), 1416(76),
1417(83), 1418(83), 1433(93), 1437(57,61), 1440(96), 1443(63),
1456(21,22,83), 1461(81), 1465(94,95), 1467(61), 1473(95),
1474(81), 1476(93), 1477(95), 1478(94,95), 1479(94,95),
1480(94,95), 1481(71), 1483(63), 1485(22), 1486(71,72,92),
1495(81), 1498(19,97), 1499(81,91,97), 1504(62), 1505(61),
1506(63), 1508(63), 1510(81), 1512(16,19), 1513(81,97),
1514(62), 1515(83), 1516(23,29), 1517(62), 1518(62),
1519(96), 1521(22), 1523(74), 1525(95,96), 1526(91,94,97),
1527(63), 1528(63), 1529(63), 1533(81), 1534(81).
2. THE SUMMARY OF ALL HYDROPAC MESSAGES IN FORCE AS OF 12 DEC 2002
IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE
SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03 AND 26/03.
3. CANCEL HYDROPAC 1258/03, 1275/03, 1496/03, 1531/03.

(061220Z SEP 2003)

1536/03 thru 1539/03. CANCELED.

1540/03(81). FEDERATED STATES OF MICRONESIA.

VESSEL, SEVEN PERSONS ON BOARD, OVERDUE PULUWAT (07-35N 149-18E)
TO PIKELOT (08-16N 147-50E). VESSEL POSSIBLY TOWED TO
WEST YAYU ATOLL (08-00N 146-48E). VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO RCC GUAM, PHONE: 671 339 6100.

(080820Z SEP 2003)

1541/03. CANCELED.

1542/03(19,81). NORTH PACIFIC.

- DISTRESS SIGNALS RECEIVED ON 243 MHZ AT 080852Z SEP IN:
- A. 20-34.3N 171-26.1E.
 - B. 21-22.0N 172-23.9E.
 - C. 22-34.5N 173-20.5E.

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.

(081110Z SEP 2003)

1543/03 and 1544/03. CANCELED.

SECTION III

NM 39/03

1545/03(91,93,94). LUZON STRAIT.

1. DERELECT 145 METER M/V ANUGRAH SAKTI ADRIFT IN 20-29N 120-34E ON 08 SEP.
2. CANCEL HYDROPAC 1544/03(74), FALSE ALERT.
3. CANCEL HYDROPAC 1526/03(91,94,97).
4. CANCEL THIS MSG 16 SEP.

(090620Z SEP 2003)

1546/03(91,93,94). SOUTH CHINA SEA.

DISTRESS SIGNAL RECEIVED ON 243 MHZ IN 22-35.1N 119-22.7E. 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.

(100820Z SEP 2003)

1547/03. CANCELED.

1548/03(62). PERSIAN GULF HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0400Z TO 1400Z DAILY 14 AND 15 SEP IN AREA BOUND BY 27-50N 049-36E, 27-26N 049-51E, 27-27N 050-27E, 27-37N 050-22E, 27-51N 049-52E.
2. CANCEL THIS MSG 151500Z SEP.

(100920Z SEP 2003)

1549/03(63). INDIA-WEST COAST. ROCKETS.

1. HAZARDOUS OPERATIONS 1330Z TO 1600Z DAILY 10 AND 11 SEP WITHIN 75 MILES OF 08-31.9N 076-52.1E.
2. CANCEL THIS MSG 111700Z SEP.

(100950Z SEP 2003)

1550/03(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 120330Z TO 121530Z SEP IN AREA BOUND BY 09-57.6N 075-59.5E, 09-57.7N 076-14.2E, 09-40.0N 076-14.5E, 09-42.5N 076-09.5E.
2. CANCEL THIS MSG 121630Z SEP.

(101020Z SEP 2003)

1551/03(74). AUSTRALIA-NORTHEAST COAST.

CHART 74221 (2ND ED).

RACON AT CREAL REEF LIGHT 20-31.9S 150-22.6E UNRELIABLE.

(101050Z SEP 2003)

1552/03(94). FORMOSA STRAIT.

1. CABLE REPAIR OPERATIONS IN PROGRESS UNTIL 25 OCT BY CABLESHIP CABLE RETRIEVER VICINITY OF TRACKLINE BETWEEN 23-55.1N 119-05.8E AND 23-51.9N 119-09.4E.
2. CANCEL HYDROPAC 1528/03(63).
3. CANCEL THIS MSG 26 OCT.

(101110Z SEP 2003)

1553/03(61). INDIAN OCEAN.

F/V BOUSO REPORTS CREWMAN WITH APPENDICITIS IN 28-28S 042-47E. VESSELS IN VICINITY ABLE TO PROVIDE MEDICAL ASSISTANCE REQUESTED TO ASSIST IF POSSIBLE. REPORTS TO MRCC LA REUNION, MRCC CAPE TOWN OR CAPE TOWN RADIO.

(101210Z SEP 2003)

1554/03 and 1555/03. CANCELED.

1556/03(91,94). PHILIPPINE SEA.

DISTRESS SIGNAL RECEIVED ON 243 MHZ IN 22-59.8N 122-35.6E AT 101341Z SEP. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO JAPAN COAST GUARD.

(101544Z SEP 2003)

1557/03. CANCELED.

SECTION III

1558/03(81,97). NORTH PACIFIC.

1. UNDERWATER OPERATIONS 15 SEP THRU 30 OCT BY
M/V HAKUREI MARU NO. 2 IN AREA BOUND BY
32-00N 140-00E, 20-00N 143-00E,
20-00N 141-00E, 15-00N 137-30E,
15-00N 132-30E, 20-00N 135-00E,
25-00N 132-30E, 25-00N 130-00E,
27-30N 130-00E, 30-00N 132-30E,
32-00N 134-00E.
2. CANCEL THIS MSG 31 OCT.

(110625Z SEP 2003)

1559/03(71). STRAIT OF MALACCA

1. MAN OVERBOARD FROM M/V HAWAIIAN LEADER VICINITY OF
TRACKLINE BETWEEN 03-53N 099-59E AT 101600Z SEP AND
05-15N 098-42E AT 110100Z SEP. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC MALAYSIA, PHONE: 603 3167 0530
OR JRCC STAVANGER, TELEX: 563 3163,
PHONE: 475 151 7000, FAX: 475 165 2334.
2. CANCEL HYDROGRAPHIC 1547/03(74).

(110850Z SEP 2003)

MARAD ADVISORIES

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

The text of all in-force MARAD ADVISORIES may be obtained by accessing the NIMA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html), by referring to Section I (paragraph 50) of US Notice to Mariners 1/03 for those in-force as of 19 December 2002, or by contacting the Maritime Administration Office of Ship Operations, Code MAR-613, Room 2123, 400 Seventh Street S.W., Washington DC 20590, Telephone (202) 366-5735, FAX (202) 366-3954, TLX II 710-822-9426 (MARAD DOT WSH).

MARAD ADVISORIES in force 11 September 2003: 00-7, 01-1, 01-7, 02-2, 02-5, 02-7 and 03-4.

SPECIAL WARNINGS

SPECIAL WARNINGS, primarily intended to announce official government proclamations affecting shipping, are broadcast as needed. They are numbered consecutively and further promulgated in the Notice to Mariners.

The text of all in-force SPECIAL WARNINGS may be obtained by accessing the 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 and in Notice to Mariners 14/03.

SPECIAL WARNINGS in force 11 September 2003: 1, 29, 77, 81, 82, 89, 92, 95, 107, 108, 111, 113, 114, 115, 116, 117, 118, 119, 120 and 121.

MARINE INFORMATION**NEW EDITION OF SAILING DIRECTIONS**

Pub. 127, Sailing Directions (Enroute) East Coast of Australia and New Zealand, Seventh Edition, 2003, is ready for issue. This publication has been corrected to 31 May 2003, including Notice to Mariners No. 22 of 2003.

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

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

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

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

CHANGES TO RADIOFAX BROADCAST FREQUENCIES FOR NEW ORLEANS, LOUISIANA

To provide greater coverage, beginning October 1, 2003 the broadcast of radiofacsimile from U.S. Coast Guard New Orleans station NMG will be changed from broadcasting on center frequencies of 4317.9, 8503.9 and 12789.9 kHz at 0000, 0600, 1200 and 1800 UTC, to broadcasting at 4317.9, 8503.9 and 12789.9 kHz at 0000 and 0600 UTC, and 8503.9, 12789.9 and 17146.4 kHz at 1200 and 1800 UTC. Subtract 1.9 kHz for carrier frequencies.

User comments and reception reports should be directed to marine.weather@noaa.gov.

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. _____

Sounding sensor or method used

Sounding(s) corrected for draft: Yes No

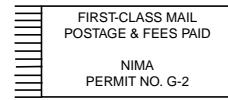
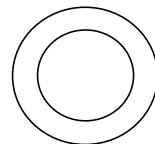
Details of Information Reported (continue on additional sheets as necessary) _____

www.nature.com/scientificreports/

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**



ARCTIC MARITIME SAFETY INFORMATION REPORT SHEET

Observer _____

Ship/Organization _____

Phone _____ Email Address_____

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

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

Digitized by srujanika@gmail.com

If observed, Date _____ Time (Local) _____

Latitude Longitude Datum

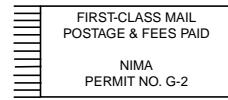
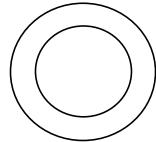
Verified by Navigator: Yes No

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

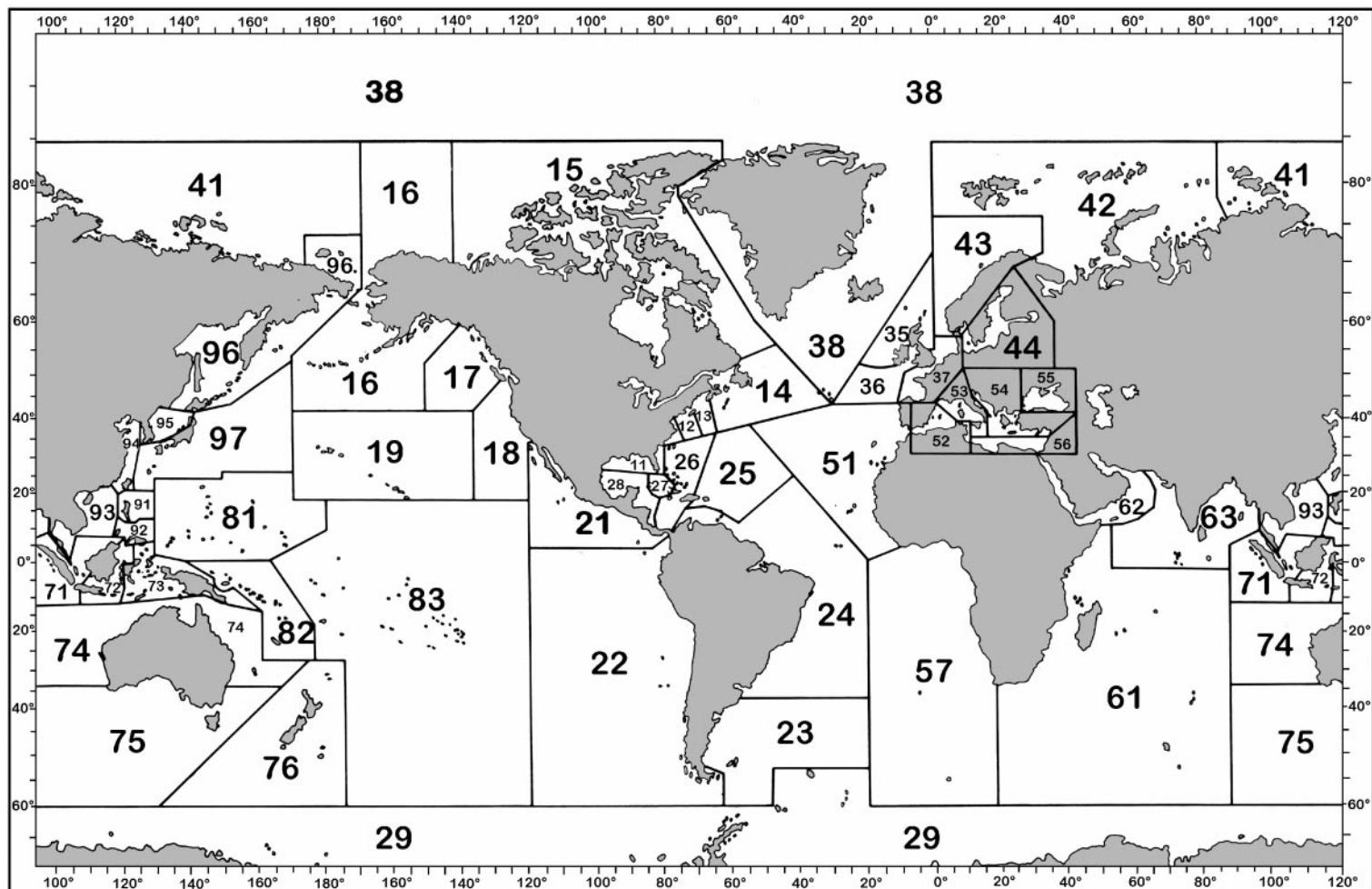
Details of Information Reported (continue on additional sheets as necessary). _____



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GEOGRAPHIC LOCATOR



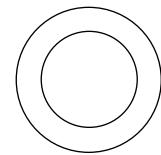
For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NIMA Catalog of Maps, Charts, and Related Products, Part 2-Hydrographic Products, Volume 1. Each Region is further subdivided into the numbered Subregions 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
8000 JEFFERSON DAVIS HIGHWAY
RICHMOND, VIRGINIA 23297-5338

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE \$300



FIRST-CLASS MAIL
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FIRST CLASS

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NOTICE TO
MARINERS

PLEASE EXPEDITE DELIVERY