



No. 18
3 MAY 2003



UNITED STATES OF AMERICA

NOTICE TO MARINERS



Published Weekly by the
National Imagery and Mapping Agency

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

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



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IMPORTANT INFORMATION

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

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

For further information concerning NIMA hydrographic products and services, including the Maritime Safety Information Website, users may contact:

<u>Name</u>	<u>Telephone</u>	<u>DSN</u>	<u>FAX</u>
Maritime Safety Information Division	301-227-5006	287-5006	301-227-5745
World-Wide Navigational Warning Service	301-227-3147	287-3147	301-227-3731
Fleet Liaison Officer	301-227-3120	287-3120	301-227-4211
Maritime Safety Information Website	301-227-3296	287-3296	301-227-4211
Notice to Mariners: Regions 1 and 2	301-227-3122	287-3122	301-227-3175
Notice to Mariners: Regions 3, 4, 5	301-227-3146	287-3146	301-227-3175
Notice to Mariners: Regions 6 thru 9	301-227-3146	287-3146	301-227-3175
Sailing Directions, Fleet Guides	301-227-3183	287-3183	301-227-3174
Navigation Science Publications	301-227-3120	287-3120	301-227-3731
Distribution Issues	301-227-7652	287-7652	301-227-4211

The Maritime Safety Information Website can be accessed via the NIMA Homepage (www.nima.mil) under the Safety of Navigation link or directly at (<http://pollux.nss.nima.mil>). For your convenience NIMA provides three e-mail addresses. For information affecting Notice to Mariners use NavNotices@nima.mil, for information affecting Sailing Directions and all other navigational publications use SDPUBS@nima.mil, for information concerning the Maritime Safety Information Website, use webmaster_nss@nima.mil.

Mariners are requested to notify NIMA of discrepancies in charts and publications, using the Marine Information Report and Suggestion Sheet at the back of this Notice to Mariners. This form should also be used to report permanent changes, additions, or deletions from charted or published information. Reports which constitute an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. All reports are greatly appreciated. Marine Information Report and Suggestion sheets received during the past week were submitted by the following observers:

Observer	Ship/Organization
M.J. Wilson	USNS YUKON
QM1 Dale C. Glenn	USS BUNKER HILL
QM2 Alfred Green	USS CONSTELLATION
Tim Kelly	M/V MAERSK CONSTELLATION
QM2 Flores	TRAINING SUPPORT CENTER, IL
Second Officer William Kenneweg	M/V CAPE VINCENT

Cover Photo: The **USS HUE CITY (CG-66)** the first United States Ship to bear this name and only ship named after a battle in the Vietnam War, is the twentieth in the *TICONDEROGA* class of Aegis guided missile cruisers and the fourteenth to be built by Ingalls Shipbuilding in Pascagoula, Mississippi. Her mission is to conduct prompt and sustained combat operations at sea in support of a carrier battle group or amphibious assault group. **HUE CITY** was designed to defend against coordinated saturation attacks involving enemy surface ships, submarines, aircraft and missiles. Additionally, **HUE CITY** is able to engage in offensive actions against the enemy through employment of long-range anti-ship missiles, land attack missiles and gunfire. Commissioned 14 September 1991, the **HUE CITY** has a displacement of 9600 tons fully loaded, is 567 feet long, has a beam of 55 feet and a draft of 34 feet. She carries a crew of 340 Sailors, 27 Chief Petty Officers and 33 Officers. The homeport of the **USS HUE CITY** is Mayport, Florida.

INFORMATION
OF
SPECIAL INTEREST
OR
IMPORTANCE
TO
MARINERS

NM 18/03

HYDROGRAM

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

SPECIAL
ANNOUNCEMENTS

NEW PRODUCTS
OR SERVICES

IMPORTANT
CHANGES

3 May 2003

NEW EDITION OF LIGHT LIST

USCG LIGHT LIST VOLUME IV, GULF OF MEXICO, ECONFINA RIVER, FLORIDA TO THE RIO GRANDE, TEXAS, 2003 EDITION, IS READY FOR ISSUE. SEE SECTIONS II AND III.

NEW EDITION OF LIGHT LIST

USCG LIGHT LIST VOLUME VI, PACIFIC COAST AND PACIFIC ISLANDS, 2003 EDITION, IS READY FOR ISSUE. SEE SECTIONS II AND III.

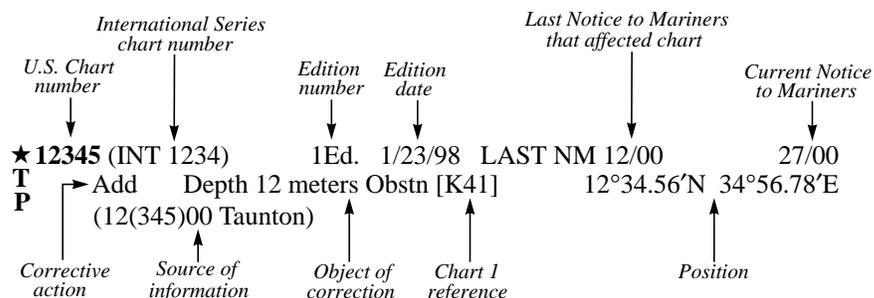
NEW EDITION OF LIGHT LIST

USCG LIGHT LIST VOLUME VII, GREAT LAKES (UNITED STATES AND CANADA), 2003 EDITION, IS READY FOR ISSUE. SEE SECTIONS II AND III.

EXPLANATION OF CONTENTS

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

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



A chart correction preceded by:

★ indicates that it is based upon original U.S. source information.

T indicates that it is temporary in nature.

P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.

The letter M immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter N is not a part of the chart number.

The letter N preceding the current Notice to Mariners number indicates that the affected chart is on Limited Distribution and is normally only for use by U.S. Navy, government-owned or -chartered vessels.

Courses and bearings are given in degrees true.

Light sectors are expressed in degrees true from the vessel TOWARD the light.

The visible range(s) listed for lights is normally the nominal range (the distance at which it can be seen in clear weather), expressed in nautical miles, except in the Great Lakes where it is expressed in statute miles.

The colors of structures and lights of navigational aids are abbreviated in accordance with Chart 1.

Section I-2* contains all chartlets, depth tabulations and notes associated with the chart corrections in Section I-1. Chartlets and depth tabulations supersede all previous information portrayed.

Section I-3 lists all 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 18/03

20 (INT 20) 3Ed. 5/10/97 LAST NM 9/00 18/03 Delete R Bn (AERO) 4°50'N 52°22'W (7(56)00 Brest)	11378 32Ed. 1/03 LAST NM 12/03 18/03 (Side A) Change Range light, front to Fl 2.5s 15ft (Day), Fl G 2.5s 18ft (Night), Fl G 2.5s 21ft 4M 30°24'26.0"N 87°11'36.0"W (See 12/03-11378) (3/03 CG8)
22 (INT 22) 1Ed. 11/14/81 LAST NM 34/00 18/03 Delete R Bn (AERO) 4°50'N 52°22'W (7(56)00 Brest)	★11383 49Ed. 2/16/02 LAST NM 9/03 18/03 Change Range light, front to Fl 2.5s 15ft (Day), Fl G 2.5s 18ft (Night), Fl G 2.5s 21ft 4M 30°24'25.6"N 87°11'35.0"W (See 19/02-11383) (3/03 CG8)
124 10Ed. 6/15/96 LAST NM 42/99 18/03 Delete R Bn (AERO) 4°48'N 52°21'W (7(56)00 Brest)	★11537 33Ed. 12/1/01 LAST NM 13/03 18/03 Add Tabulation of controlling depths from Subsection I-2 (NOS)
501 (INT 801) 12Ed. 11/02 LAST NM 10/03 18/03 Relocate Superbuoy ODAS "46005" from 46°06'N 131°00'W to 46°03'N 131°01'W Add Buoy Fl Y 4s (Priv) (PD) 42°54'N 130°54'W Buoy Fl Y 4s (Priv) (PD) 45°52'N 128°46'W (5/03 CG13)	12200 47Ed. 8/02 LAST NM 12/03 18/03 Add Racon (-•-•) [S3.1] to buoy "CH" 36°56.1'N 75°57.4'W (See 52/02-12200) (13/03 CG5)
530 30Ed. 3/23/02 LAST NM 10/03 18/03 Add Buoy Fl Y 4s (Priv) (PD) 42°54'N 130°54'W Buoy Fl Y 4s (Priv) (PD) 45°52'N 128°46'W (5/03 CG13)	12201 25Ed. 7/17/99 LAST NM N12/03 N18/03 Add Racon (-•-•) [S3.1] to buoy "CH" 36°56.0'N 75°57.4'W (See N52/02-12201) (13/03 CG5)
1116A Ed. 11/02 LAST NM 17/03 18/03 Change Legend to "4 Wells (cov 1094fms)" 27°13.5'N 89°58.7'W Add Submerged well (abandoned) (cov 1021fms) [L20] 27°15.6'N 90°00.0'W (3/03 CG8)	12205 27Ed. 7/02 LAST NM 52/02 18/03 (Page A) Add Racon (-•-•) [S3.1] to buoy "CH" 36°56'08"N 75°57'27"W (See 52/02-12205) (13/03 CG5)
11004 7Ed. 10/29/94 LAST NM 14/03 18/03 Change Legend to "Obstns (5) Aband. wellheads" at depth 2001 meters 27°13.2'N 90°02.1'W (See 43/02-11004) Add Submerged well (abandoned) (cov 1867m) [L20] 27°15.6'N 90°00.0'W (3/03 CG8)	12207 20Ed. 4/4/98 LAST NM 52/02 18/03 Add Racon (-•-•) [S3.1] to buoy "CH" 36°56'06"N 75°57'26"W (See 52/02-12207) (13/03 CG5)
★11340 67Ed. 11/02 LAST NM 17/03 18/03 Change Legend to "4 Wells (cov 1094fms)" 27°13.5'N 89°58.7'W Add Submerged well (abandoned) (cov 1021fms) [L20] 27°15.6'N 90°00.0'W (3/03 CG8)	12208 8Ed. 1/12/02 LAST NM 52/02 18/03 Add Racon (-•-•) [S3.1] to buoy "CH" 36°56'08"N 75°57'26"W (See 52/02-12208) (13/03 CG5)
11353 2Ed. 3/16/02 LAST NM 7/03 18/03 Add Submarine pipeline [L40.1] between 29°35'30.0"N 89°15'43.8"W 29°35'16.4"N 89°15'57.0"W Tabulation of controlling depths from Subsection I-2 (NOS)	12221 73Ed. 10/02 LAST NM 7/03 18/03 Add Racon (-•-•) [S3.1] to buoy "CH" 36°56'08"N 75°57'25"W (See 52/02-12221) (13/03 CG5)
★11363 38Ed. 3/30/02 LAST NM 7/03 18/03 Add Submarine pipeline [L40.1] between 29°35'36"N 89°15'39"W 29°35'16"N 89°15'57"W Tabulation of controlling depths from Subsection I-2 (NOS)	★12222 43Ed. 2/03 LAST NM 14/03 18/03 Relocate Buoy "6" from 36°55'33"N 76°19'52"W to 36°55'32"N 76°19'54"W Substitute Buoy "8" R, Fl R 2.5s for light (articulated) "8" 36°57'01"N 76°20'21"W Add Racon (-•-•) [S3.1] to buoy "CH" 36°56'08"N 75°57'25"W (13/03 CG5)
11364 39Ed. 11/02 LAST NM 9/03 18/03 Add Tabulation of controlling depths from Subsection I-2 (NOS)	★12245 61Ed. 1/03 LAST NM 15/03 18/03 Relocate Buoy "6" from 36°55'33.0"N 76°19'52.2"W to 36°55'31.8"N 76°19'54.1"W Substitute Buoy "8" R, Fl R 2.5s for light (articulated) "8" 36°57'02.0"N 76°20'21.4"W (13/03 CG5)
11369 44Ed. 12/02 LAST NM 9/03 18/03 Add Tabulation of controlling depths from Subsection I-2 (NOS)	★12261 28Ed. 7/1/02 LAST NM 7/03 18/03 Relocate Light "9" from 38°18'42"N 75°55'27"W to 38°18'40"N 75°55'27"W Light "9A" from 38°19'27"N 75°54'40"W to 38°19'25"N 75°54'40"W (13/03 CG5)

12263	51Ed. 8/02	LAST NM 7/03	18/03		
	Relocate	Light "7" from 38°45'50"N 76°10'31"W to 38°45'52"N 76°10'34"W			
		and delete legend "PA"			
		Beacon "8" from 38°46'52"N 76°08'45"W to 38°46'53"N 76°08'48"W			
		and delete legend "PA"			
	(13/03 CG5)				
★12270	32Ed. 12/02	LAST NM 9/03	18/03		
	Delete	Light "7"			
		38°45'50"N 76°10'31"W			
	Relocate	Beacon "8" from 38°46'52"N 76°08'46"W to 38°46'53"N 76°08'48"W			
		and delete legend "PA"			
	Add	Light "7" Fl G 4s 15ft 4M			
	(13/03 CG5)				
12280	3Ed. 7/02	LAST NM 7/03	18/03		
	Add	Racon (-•-•) [S3.1] to buoy "CH"			
		36°56.2'N 75°57.4'W			
		(See 52/02-12280)			
	(13/03 CG5)				
12282	33Ed. 6/1/02	LAST NM 8/03	18/03		
	Relocate	Light "2W" from 38°59'12.7"N 76°26'16.6"W to 38°59'13.2"N 76°26'16.6"W			
		(See 8/03-12282)			
	(13/03 CG5)				
★12283	24Ed. 1/6/01	LAST NM 8/03	18/03		
	Relocate	Light "2W" from 38°59'12.7"N 76°26'16.6"W to 38°59'13.2"N 76°26'16.6"W			
		(See 8/03-12283)			
	(13/03 CG5)				
★12327	96Ed. 11/02	LAST NM 16/03	18/03		
	Add	Tabulations (2) of controlling depths from Subsection I-2			
	(NOS)				
★12331	30Ed. 12/02	LAST NM 14/03	18/03		
	Add	Tabulation of controlling depths from Subsection I-2			
	(NOS)				
★12332	21Ed. 1/20/01	LAST NM 13/03	18/03		
	Add	Tabulation of controlling depths from Subsection I-2			
	(NOS)				
★12333	32Ed. 10/02	LAST NM 16/03	18/03		
	Add	Tabulation of controlling depths from Subsection I-2			
	(NOS)				
★12337	22Ed. 11/15/97	LAST NM 13/03	18/03		
	Add	Tabulation of controlling depths from Subsection I-2			
		Note: Previous tabulation printed in error			
	(NOS)				
13003	46Ed. 1/03	LAST NM 12/03	18/03		
	Add	Purple dashed-line circle with legend "Unexploded ordnance"			
		42°29.4'N 68°52.3'W			
	(13/03 CG1)				
13006	30Ed. 7/02	LAST NM 17/03	18/03		
	Add	Purple dashed-line circle with legend "Unexploded ordnance"			
		42°29.4'N 68°52.3'W			
	(13/03 CG1)				
13009	30Ed. 8/02	LAST NM 9/03	18/03		
	Add	Purple dashed-line circle with legend "Unexploded ordnance"			
		42°29.4'N 68°52.3'W			
	(13/03 CG1)				
13200	33Ed. 1/19/02	LAST NM 9/03	18/03		
	Add	Purple dashed-line circle with legend "Unexploded ordnance"			
		42°29.4'N 68°52.3'W			
	(13/03 CG1)				
13201	10Ed. 8/10/96	LAST NM N9/03	N18/03		
	Add	Purple dashed-line circle with legend "Unexploded ordnance"			
		42°29.4'N 68°52.3'W			
	(13/03 CG1)				
★13260	38Ed. 4/27/02	LAST NM 9/03	18/03		
	Add	Purple dashed-line circle with legend "Unexploded ordnance"			
		42°29.4'N 68°52.3'W			
	(13/03 CG1)				
13263	7Ed. 4/24/99	LAST NM N9/03	N18/03		
	Add	Purple dashed-line circle with legend "Unexploded ordnance"			
		42°29.4'N 68°52.3'W			
	(13/03 CG1)				
17518	7Ed. 1/7/95	LAST NM 16/03	18/03		
	Change	Light to "4" Fl R 6s 5m 6M			
		48°59'32"N 122°47'00"W			
	(5/03 CG13)				
★18007	31Ed. 3/31/01	LAST NM 52/02	18/03		
	Relocate	Superbuoy ODAS "46005" from 46°05.5'N 131°00.0'W to			
		46°03.0'N 131°01.2'W			
	Add	Buoy Fl Y 4s (Priv) (PD)			
		42°54.1'N 130°54.1'W			
		Buoy Fl Y 4s (Priv) (PD)			
		45°51.7'N 128°46.3'W			
	(5/03 CG13)				
18008	7Ed. 10/12/96	LAST NM N52/02	N18/03		
	Relocate	Superbuoy ODAS "46005" from 46°05.5'N 131°00.0'W to			
		46°03.0'N 131°01.2'W			
	Add	Buoy Fl Y 4s (Priv) (PD)			
		42°54.1'N 130°54.1'W			
		Buoy Fl Y 4s (Priv) (PD)			
		45°51.7'N 128°46.3'W			
	(5/03 CG13)				
18400	43Ed. 12/02	LAST NM 16/03	18/03		
	Change	Light to "4" Fl R 6s 6M			
		48°59.5'N 122°47.1'W			
	(5/03 CG13)				
★18421	45Ed. 12/02	LAST NM 2/03	18/03		
	Change	Light to "4" Fl R 6s 15ft 6M			
		48°59'32"N 122°47'03"W			
		(Inset)			
	Change	Light to "4" Fl R 6s 15ft 6M			
		48°59'32"N 122°47'03"W			
	(5/03 CG13)				
18423	33Ed. 10/02	LAST NM 15/03	18/03		
		(Page B, Inset Blaine)			
	Change	Light to "4" Fl R 6s 15ft 6M			
		48°59'32"N 122°47'03"W			
	(5/03 CG13)				
18440	26Ed. 12/02	LAST NM 15/03	18/03		
	Delete	Position circle "HORN"			
		47°48.2'N 122°23.8'W			
	(5/03 CG13)				
18441	42Ed. 5/1/02	LAST NM 15/03	18/03		
	Delete	Position circle "HORN...Priv"			
		47°48'14"N 122°23'54"W			
	(5/03 CG13)				
18445	29Ed. 2/24/01	LAST NM 15/03	18/03		
		(Page A)			
	Delete	Position circle "HORN...Priv"			
		47°48'16"N 122°23'56"W			
	(5/03 CG13)				
★18446	15Ed. 4/18/98	LAST NM 9/03	18/03		
	Delete	Position circle "HORN...Priv"			
		47°48'14"N 122°23'54"W			
	(5/03 CG13)				
★18447	26Ed. 1/25/97	LAST NM 10/03	18/03		
		(Side B)			
	Delete	Buoy			
		47°32'18"N 122°12'35"W			
	(5/03 CG13)				

SECTION I

NM 18/03

18473	7Ed. 12/02	LAST NM 4/03	18/03
Delete	Position circle "HORN...Priv"	47°48'14"N 122°23'54"W	(5/03 CG13)
18526	55Ed. 5/26/01	LAST NM 4/03	18/03
Relocate	Buoy "5" from 45°28'09.0"N 122°39'56.9"W	45°28'10.6"N 122°39'57.0"W	(5/03 CG13)
★18528	10Ed. 10/02	LAST NM 52/02	18/03
Relocate	Buoy "5" from 45°28'08.7"N 122°39'56.8"W	45°28'10.6"N 122°39'57.0"W	(5/03 CG13)
22205	2Ed. 12/13/97	LAST NM 12/03	18/03
Delete	"SUBMARINE EXERCISE AREA SEE NOTE" in vicinity	23°01.0'S 70°53.0'W	
Change	Light to Fl 10s 15m 7M	21°07.6'S 70°08.0'W	
	Light to Fl 15s 6m 8M	21°20.3'S 70°05.5'W	(6(84, 86, 87)02 Valparaiso)
22225	2Ed. 11/2/96	LAST NM 12/03	18/03
Delete	"SUBMARINE EXERCISE AREA CAUTION NO 1" in vicinity	23°17.5'S 70°53.0'W	
Change	Caution No. 1 of CAUTIONS note to "1. Reserved."	26°35.0'S 70°12.0'W	(6(84)02 Valparaiso)
22233	29Ed. 4/27/96	LAST NM 13/03	18/03
Change	Visibility (range) of light to 5M	20°12'26"S 70°09'16"W	(6(85)02 Valparaiso)
22250	2Ed. 12/2/95	LAST NM 12/03	18/03
Delete	"SUBMARINE EXERCISE AREA" in vicinity	30°02.0'S 71°45.0'W	(6(88)02 Valparaiso)
22264	2Ed. 9/21/96	LAST NM 13/03	18/03
Delete	"SUBMARINE EXERCISE AREA" in vicinity	32°46'06"S 71°46'17"W	(6(90)02 Valparaiso)
22275	3Ed. 5/10/97	LAST NM 12/03	18/03
Delete	"SUBMARINE EXERCISE AREA" in vicinity	30°05.0'S 71°45.0'W	
	"SUBMARINE EXERCISE AREA" in vicinity	32°45.0'S 71°56.0'W	(6(88, 90)02 Valparaiso)
22281	9Ed. 1/25/97	LAST NM 12/03	18/03
Delete	Purple dashed line between	29°45.0'S 71°30.5'W	
		30°15.2'S 71°30.5'W	
	Legend "SUBMARINE EXERCISE AREA"	29°59.3'S 71°39.6'W	(6(88)02 Valparaiso)
22290	4Ed. 6/28/97	LAST NM 20/02	18/03
Delete	"SUBMARINE EXERCISE AREA" in vicinity	32°47.5'S 71°59.0'W	
	"SUBMARINE EXERCISE AREA" in vicinity	36°31.0'S 73°31.5'W	(6(90)02 Valparaiso)
22293	15Ed. 3/9/96	LAST NM 20/02	18/03
Delete	"SUBMARINE EXERCISE AREA" in vicinity	32°45.0'S 71°56.0'W	(6(90)02 Valparaiso)
22305	2Ed. 2/17/96	LAST NM 19/01	18/03
Delete	"SUBMARINE EXERCISE AREA" in vicinity	36°38.0'S 73°41.0'W	(6(91)02 Valparaiso)
22313	2Ed. 10/12/96	LAST NM 8/03	18/03
Delete	"EXERCISE AREA FOR SUBMARINES" in vicinity	36°33'00"S 73°09'24"W	(6(91)02 Valparaiso)
22407	1Ed. 1/1/52	LAST NM N11/03	N18/03
Add	Legend "Bo Esteban"	51°10.8'S 74°19.0'W	(4(50)02 Valparaiso)
24024	46Ed. 12/7/96	LAST NM 34/01	18/03
Delete	Light and R Bn (AERO)	4°49.5'N 52°22.1'W	(7(56)00 Brest)
24350	2Ed. 2/21/98	LAST NM 51/02	18/03
Delete	Light and R Bn (AERO)	4°49.5'N 52°22.1'W	(7(56)00 Brest)
25563	50Ed. 6/10/95	LAST NM 14/03	18/03
Add	Light Fl R 2.5s 6m 4M	16°00.2'N 61°35.7'W	(7(58)00 Brest; BA LL)
25566	27Ed. 4/12/97	LAST NM 17/02	18/03
Change	Light to Fl(4) G 15s 2M	16°15'01.8"N 61°32'53.4"W	(7(59)00 Brest; BA LL)
26068	11Ed. 12/30/00	LAST NM 37/01	18/03
Relocate	Buoy "12" from 9°21'55.8"N 79°53'27.1"W to	9°22'03.0"N 79°53'36.0"W	
Add	Buoy "12A", pillar	9°21'54.0"N 79°53'36.0"W	
	Buoy "12B", pillar	9°21'52.2"N 79°53'27.0"W	
	Buoy "1", pillar	9°21'45.0"N 79°53'28.8"W	
	Buoy "2", pillar	9°21'45.0"N 79°53'34.2"W	
	Buoy "3", pillar	9°21'36.0"N 79°53'25.8"W	
	Buoy "5", pillar	9°21'22.8"N 79°53'22.8"W	
	Buoy Y, pillar	9°21'22.2"N 79°53'25.2"W	
	Legend "Works in progress (2003)"	9°21'50.0"N 79°53'33.0"W	
	Note	"Note	
		Mariners should consult local authorities for the latest depth and channel limit information for the Colon 2000 Terminal"	9°21'32.0"N 79°53'54.0"W
		(12(1501P)03 Taunton)	
28190	2Ed. 6/5/99	LAST NM 46/02	18/03
Add	"NATURE RESERVE" area [N22] bound by shore and purple dashed line joining	20°28.6'N 86°58.5'W	
		20°29.1'N 87°00.1'W	
		20°23.5'N 87°02.9'W	
		20°18.0'N 87°03.6'W	
		20°14.8'N 87°01.7'W	
		20°14.3'N 86°58.0'W	
		20°20.0'N 86°53.2'W	
		20°20.7'N 86°53.9'W	
		(12(1475)03 Taunton)	
28196	4Ed. 3/27/99	LAST NM 45/02	18/03
Add	"NATURE RESERVE" area [N22] bound by shore and purple dashed line joining	20°28'36"N 86°58'30"W	
		20°29'05"N 87°00'05"W	
		20°23'29"N 87°02'54"W	
		20°18'00"N 87°03'36"W	
		20°14'48"N 87°01'41"W	
		20°14'18"N 86°57'57"W	
		20°20'02"N 86°53'11"W	
		20°20'41"N 86°53'54"W	
		(12(1475)03 Taunton)	
28197	4Ed. 5/2/98	LAST NM 45/02	18/03
Add	Purple dashed line between	20°28'36.0"N 86°58'30.0"W	
		20°28'49.5"N 86°59'15.0"W	
	Legend "NATURE RESERVE"	20°28'37.0"N 86°59'00.0"W	
	Note: Nature reserve area extends beyond chart border		
		(12(1475)03 Taunton)	

29002 9Ed. 7/13/96 LAST NM 13/01 18/03
 Add "Historic Wreck Gen. Belgrano (See Note)"
 area bound by purple composite-line circle
 centered 55°24'S 61°32'W
 Note in left upper margin of chart
 "HISTORIC WRECK
 The site of the historic wreck ARA General
 Belgrano is protected from unauthorized
 interference."
 (13(119)02 Buenos Aires)

36161 10Ed. 3/7/98 LAST NM 10/03 18/03
 Substitute Depth 7.6 meters for 8.3 meters 51°24'41"N 3°06'51"W
 (See 50/02-36161)
 Add Submarine cable [L30.1] joining 51°14'34"N 3°28'27"W
 51°14'35"N 3°29'00"W
 51°14'25"N 3°30'30"W
 51°14'25"N 3°31'30"W
 51°14'47"N 3°34'53"W
 (12(1387), 13(1515)03 Taunton)

36162 10Ed. 9/5/98 LAST NM 4/03 18/03
 Substitute Depth 7.6 meters for 8.3 meters 51°24'40.8"N 3°06'51.6"W
 (See 50/02-36162)
 (13(1515)03 Taunton)

36163 13Ed. 11/1/97 LAST NM 4/03 18/03
 Substitute Depth 7.6 meters for 8.3 meters 51°24'41"N 3°06'52"W
 (See 50/02-36163)
 (13(1515)03 Taunton)

37060 3Ed. 8/16/97 LAST NM 13/03 18/03
 Add Depth 51 meters Obstn [K41] 49°56.8'N 2°57.5'W
 (42(28)02 Brest)

37075 3Ed. 7/5/97 LAST NM 5/03 18/03
 Add Depth 51 meters Obstn [K41] 49°56.8'N 2°57.5'W
 (42(28)02 Brest)

37080 3Ed. 12/28/96 LAST NM 15/03 18/03
 Add Depth 51 meters Obstn [K41] 49°56.8'N 2°57.5'W
 (42(28)02 Brest)

37325 8Ed. 7/12/97 LAST NM 15/03 18/03
 Change Radius of "Explosive Dumping Ground" area
 bound by purple composite-line circle from
 480 meters to 200 meters, centered
 48°21'16.5"N 4°27'41.0"W
 (33(6)02 Brest)

37326 2Ed. 5/3/97 LAST NM 15/03 18/03
 Change Radius of "Explosive Dumping Ground" area
 bound by purple composite-line circle from
 480 meters to 200 meters, centered
 48°21'16.5"N 4°27'41.0"W
 (33(6)02 Brest)

38580 8Ed. 10/11/97 LAST NM 12/02 18/03
 Change Light to Fl(3) WRG 10s 40m 8-5M Racon with
 sectors white 059°-080°, red-106°30', green-
 113°, white-118°30', red-131°, green-059°
 60°43.1'N 46°59.3'W
 (BA LL)

38585 4Ed. 10/12/96 LAST NM 3/99 18/03
 Change Light to Fl(3) WRG 10s 40m 8-5M Racon with
 sectors white 059°-080°, red-106°30', green-
 113°, white-118°30', red-131°, green-059°
 60°43'08"N 46°59'17"W
 (BA LL)

43375 7Ed. 8/22/92 LAST NM 16/03 18/03
 Change Range light, front to Iso WRG 3s 15m 8-5M,
 Iso R 3s 15m 8M 58°21'22"N 11°14'47"E
 (51-52(1344)99 Norrkoping; Swd LL)

43384 1Ed. 9/14/91 LAST NM 17/03 18/03
 Delete Buoy 58°14'11"N 11°16'11"E
 Change Range light, front to Iso WRG 3s 15m 8-5M,
 Iso R 3s 15m 8M 58°21'22"N 11°14'47"E
 Buoy to "Sejebaden" YBY, spar, double cone
 topmark points together, Q(9) 15s 58°20'59"N 11°09'14"E
 Buoy to R, can, Fl R 3s 58°11'45"N 11°29'14"E
 Buoy to G, spar, Fl(2) G 6s 58°18'42"N 11°21'11"E
 (See 7/02-43384)

Add Buoy "Tovas ungar" YBY, spar, double cone
 topmark points together, Q(9) 15s 58°14'13"N 11°16'05"E
 (Plan A)
 Change Buoy to R, can, Fl R 3s 58°11'45"N 11°29'14"E
 (51-52(1344)99, 21(527)00, 15-16(302)01 Norrkoping; Swd LL)

44048 11Ed. 3/9/96 LAST NM 12/03 18/03
 (Plan B)
 Change Legend to "10.5m" 56°00'25.0"N 12°42'39.0"E
 Add Legend "10m" 56°00'28.0"N 12°42'35.0"E
 (46(1233)99 Norrkoping)

44164 1Ed. 12/2/89 LAST NM 11/03 18/03
 Add "ANCHORING, DIVING AND FISHING
 PROHIBITED" area bound by purple
 dashed line joining 58°36'49.2"N 16°58'04.8"E
 58°36'17.4"N 16°58'07.2"E
 58°36'04.2"N 17°00'11.4"E
 58°37'23.4"N 16°59'52.2"E
 58°37'22.2"N 16°58'53.4"E
 (43(1160)99 Norrkoping)

44182 4Ed. 5/28/94 LAST NM 15/03 18/03
 Delete Buoy 59°18'26.2"N 18°03'05.4"E
 Relocate Buoy from 59°18'22.2"N 18°05'57.6"E to
 59°18'22.2"N 18°05'58.2"E
 Buoy from 59°18'21.0"N 18°05'58.8"E to
 59°18'20.4"N 18°06'01.2"E
 Buoy from 59°18'22.2"N 18°05'54.0"E to
 59°18'24.0"N 18°05'53.4"E
 Buoy from 59°18'21.0"N 18°05'55.8"E to
 59°18'21.6"N 18°05'56.4"E
 Add Buoy spar, R 59°18'24.0"N 18°05'55.8"E
 Depth 4.5 meters 59°18'22.2"N 18°05'55.2"E
 Submarine cable (power) [L31.1] between
 59°18'57.6"N 18°06'05.4"E
 59°19'10.8"N 18°06'06.0"E
 (25(739), 43(1167)99, 25(600)00 Norrkoping)

44192 1Ed. 12/18/93 LAST NM 1/03 18/03
 Delete Buoy 59°18'26"N 18°03'05"E
 (43(1167)99 Norrkoping)

44193 1Ed. 7/16/94 LAST NM 15/03 18/03
 Add Beacon R 59°35'03"N 16°33'47"E
 Beacon R 59°34'22"N 16°33'18"E
 (20(611)99 Norrkoping)

51220 8Ed. 9/26/98 LAST NM 33/02 18/03
 Change Characteristic of buoy to Oc 10s 33°46.1'N 7°23.3'W
 (Spn LL)

51223 2Ed. 2/24/96 LAST NM 17/03 18/03
 Change Characteristic of buoy to Oc 10s 33°46'11"N 7°23'19"W
 (Spn LL)

51260 4Ed. 8/10/96 LAST NM 16/03 18/03
 Add Submarine cable [L30.1] joining 28°09.0'N 15°41.8'W
 28°09.0'N 15°43.1'W
 28°09.1'N 15°43.9'W
 28°10.0'N 15°44.8'W
 28°14.0'N 15°46.2'W
 (2(27)03 Cadiz)

SECTION I

NM 18/03

51344	2Ed. 12/28/96	LAST NM 16/03	18/03						
	(Panel B)								
	Delete	Light	28°40'22.1"N	17°45'52.5"W					
		Range lights (2), range line and legend							
		"Lts...002" between	28°40'50.5"N	17°46'01.0"W					
			28°40'29.0"N	17°46'01.5"W					
	Change	Light to Fl R 5s 9m 3M	28°40'23.5"N	17°46'06.7"W					
	Add	Light Fl(2+1) R 21s 3M	28°40'30.0"N	17°46'06.3"W					
		(14(185)00 Cadiz)							
52039	4Ed. 11/2/02	LAST NM 14/03	18/03						
	Add	Submarine cable [L30.1] joining	35°57'01"N	5°29'00"W					
			35°57'59"N	5°22'20"W					
			35°58'37"N	5°19'43"W					
			35°59'30"N	5°15'11"W					
			35°58'27"N	5°12'35"W					
			35°58'25"N	5°10'46"W					
			35°57'05"N	5°06'03"W					
			35°55'53"N	5°00'01"W					
			35°55'56"N	4°59'22"W					
			35°55'23"N	4°58'22"W					
			35°54'25"N	4°55'00"W					
		Submarine cable [L30.1] joining	35°37'08"N	5°16'16"W					
			35°38'37"N	5°14'10"W					
			35°40'22"N	5°11'52"W					
			35°41'17"N	5°09'58"W					
			35°45'30"N	5°04'05"W					
			35°50'36"N	5°02'05"W					
		(See 13/03-52039)							
		(49(854, 856)02, 4(61)03 Cadiz)							
52040	17Ed. 9/27/86	LAST NM 16/03	18/03						
	Add	Submarine cable [L30.1] joining	35°57.0'N	5°29.0'W					
			35°59.5'N	5°15.2'W					
			35°58.5'N	5°12.6'W					
			35°58.4'N	5°10.8'W					
			35°57.1'N	5°06.0'W					
			35°55.9'N	4°59.4'W					
			35°55.4'N	4°58.4'W					
			35°53.2'N	4°50.8'W					
			35°51.5'N	4°44.0'W					
		Submarine cable [L30.1] joining	35°47.9'N	3°38.1'W					
			35°45.2'N	3°28.1'W					
			35°45.1'N	3°27.1'W					
		Submarine cable [L30.1] between	35°43.9'N	3°17.4'W					
			35°50.0'N	3°00.0'W					
		Submarine cable [L30.1] joining	35°37.1'N	5°16.3'W					
			35°40.4'N	5°11.9'W					
			35°41.3'N	5°10.0'W					
			35°45.5'N	5°04.1'W					
			35°50.6'N	5°02.1'W					
		Danger circle [K40] "Obstn (Marine farm)"	36°24.8'N	5°08.3'W					
		(See 13/03-52040)							
		(14(191)00, 49(853,854,856)02, 4(61)03 Cadiz)							
52046	21Ed. 10/14/00	LAST NM 16/03	18/03						
	Change	Characteristic of light to Fl(3) R 9s	36°44'50"N	4°04'23"W					
		(45(778)02 Cadiz)							
52084	2Ed. 8/26/95	LAST NM 14/03	18/03						
		(Plan A)							
	Delete	Dangerous wreck	38°35'13.8"N	0°02'16.2"W					
		(Supersedes 14/03-52084)							
	Add	Dangerous wreck [K28]	38°35'07.8"N	0°02'24.6"W					
		(3(51)03 Cadiz)							
52088	2Ed. 3/30/96	LAST NM 14/03	18/03						
	Delete	Dangerous wreck	38°35'14"N	0°02'16"W					
		(Supersedes 14/03-52088)							
	Add	Dangerous wreck [K28]	38°35'08"N	0°02'25"W					
		(3(51)03 Cadiz)							
52120	12Ed. 11/14/87	LAST NM 16/03	18/03						
	Delete	Purple outline of chart 52122 in vicinity	41°06.3'N	2°33.7'E					
	Add	Purple outline of chart 52125 joining	41°34.9'N	2°23.0'E					
			41°34.9'N	2°34.0'E					
			41°05.5'N	2°34.0'E					
			41°05.5'N	1°42.1'E					
			41°20.6'N	1°42.1'E					
		(NIMA)							
52125	1Ed. 4/28/01	LAST NM 16/03	18/03						
	Change	Period of light to 16s	41°31'35"N	2°26'40"E					
		(42(733)02 Cadiz)							
52140	6Ed. 3/30/96	LAST NM 12/03	18/03						
	Delete	Light	38°58.7'N	1°35.8'E					
		(48(830)02 Cadiz)							
52142	2Ed. 9/9/95	LAST NM 12/03	18/03						
	Delete	Beacon	38°58'36"N	1°35'41"E					
	Add	Buoy BRB, pillar, double ball topmark, Fl(2) 5s	38°58'42"N	1°35'32"E					
		(48(830)02 Cadiz)							
52143	8Ed. 8/5/95	LAST NM 23/01	18/03						
	Change	Period of buoy to 4s	39°51'56"N	4°18'34"E					
		Period of buoy to 4s	39°52'07"N	4°18'34"E					
		(Plan)							
	Change	Period of buoy to 4s	39°51'55.5"N	4°18'34.2"E					
		Period of buoy to 4s	39°52'06.9"N	4°18'35.0"E					
		Characteristic of buoy to Q(2) G 3s	39°52'17.4"N	4°18'21.7"E					
		Characteristic of buoy to Q(2) R 3s	39°52'16.6"N	4°18'15.7"E					
		Topmark of beacon to double cone topmark bases together	39°52'39.8"N	4°18'22.0"E					
		Height of light to 7m	39°52'51.5"N	4°18'15.5"E					
		Height of light to 7m	39°52'54.0"N	4°18'11.0"E					
	Add	"Cable Area" [L30.2] bound by shore and purple composite line joining	39°53'03.7"N	4°17'55.2"E					
			39°52'59.1"N	4°17'52.2"E					
			39°52'58.2"N	4°17'54.2"E					
			39°53'04.1"N	4°17'57.5"E					
		(47(814)02 Cadiz; Spn CH 4261; Spn LL)							
52144	5Ed. 12/25/93	LAST NM 16/03	18/03						
	Delete	Submarine pipeline between	39°33'49"N	2°39'22"E					
			39°32'55"N	2°39'23"E					
		Submarine pipeline between	39°33'39"N	2°39'59"E					
			39°33'11"N	2°39'58"E					
		(Plan)							
	Delete	Submarine pipeline between	39°33'50.2"N	2°39'19.7"E					
			39°32'53.0"N	2°39'23.0"E					
		Submarine pipeline between	39°33'38.0"N	2°39'58.0"E					
			39°33'11.0"N	2°39'57.0"E					
	Add	Submarine pipeline [L41.1] joining	39°33'50.2"N	2°39'19.7"E					
			39°33'02.1"N	2°39'04.5"E					
			39°32'59.8"N	2°39'08.5"E					
		Submarine pipeline [L41.1] between	39°33'02.1"N	2°39'04.5"E					
			39°33'00.8"N	2°38'58.0"E					
		Submarine pipeline [L41.1] between	39°33'39.2"N	2°39'54.9"E					
			39°33'00.8"N	2°39'19.4"E					
		(42(734)02 Cadiz)							
53100	16Ed. 11/18/89	LAST NM 13/03	18/03						
	Relocate	Superbuoy "ITALIA 1" from	43°47.3'N	9°09.5'E					
		to	43°47.4'N	9°09.8'E					
		(See 13/03-53100)							
		(25(5)02 Genova)							

53130 1Ed. 9/9/89 LAST NM 13/03 18/03
 Add Buoy (wavemeter) Y, spherical, "X" topmark, 40°37.4'N 9°53.5'E
 Fl Y 25s
 (21(2)02 Genova)

53161 8Ed. 3/30/96 LAST NM 13/03 18/03
 Add Position circle "TR" [E20] 40°34'10"N 14°19'28"E
 Position circle "TR" [E20] 40°36'11"N 14°20'10"E
 (25(8)02 Genova)

53180 10Ed. 1/21/95 LAST NM 15/03 18/03
 Add Position circle "TR" [E20] 40°34.2'N 14°19.5'E
 Position circle "TR" [E20] 40°36.2'N 14°20.2'E
 (25(8)02 Genova)

53184 5Ed. 3/23/96 LAST NM 13/03 18/03
 (Plan A)
 Add Beacon Y, "X" topmark, Fl Y 38°12'51.0"N 15°34'18.6"E
 Beacon Y, "X" topmark, Fl Y 38°12'59.4"N 15°34'22.8"E
 (24(7)02 Genova)

53201 6Ed. 10/31/92 LAST NM 51/02 18/03
 Delete Purple composite line joining 37°13'26.0"N 15°13'04.0"E
 37°13'26.0"N 15°12'45.0"E
 37°12'47.5"N 15°12'45.0"E
 37°12'47.5"N 15°13'35.0"E
 Add Purple composite line joining 37°13'33.0"N 15°12'59.4"E
 37°13'33.0"N 15°12'45.0"E
 37°12'44.4"N 15°12'45.0"E
 37°12'44.4"N 15°13'36.0"E
 (21(5)02 Genova)

53226 3Ed. 11/9/02 LAST NM 17/03 18/03
 Add Anchor berth "A" [N11.1] 37°02'05"N 14°15'30"E
 Anchor berth "B" [N11.1] 37°02'07"N 14°15'00"E
 "ANCH C" [N12.1] area bound by purple
 dashed line joining 37°02'25"N 14°14'36"E
 37°03'16"N 14°14'49"E
 37°03'26"N 14°13'26"E
 37°02'29"N 14°13'42"E
 "ANCH D" [N12.1] area bound by existing
 purple composite line and purple dashed line
 joining 37°00'59"N 14°14'03"E
 37°01'42"N 14°14'31"E
 37°02'10"N 14°14'23"E
 37°02'18"N 14°13'33"E
 37°01'12"N 14°13'17"E
 "ANCH E" [N12.1] area bound by existing
 purple composite line and purple dashed line
 joining 36°59'42"N 14°14'10"E
 37°00'23"N 14°14'37"E
 37°00'36"N 14°14'49"E
 37°00'36"N 14°14'17"E
 36°59'42"N 14°14'17"E
 "ANCH F" [N12.1] area bound by purple
 dashed line joining 37°00'32"N 14°15'03"E
 37°01'06"N 14°15'31"E
 37°01'14"N 14°15'19"E
 37°00'50"N 14°14'54"E
 37°00'37"N 14°14'46"E
 "ANCH G" [N12.1] area bound by existing
 purple composite line and purple dashed line
 joining 37°00'38"N 14°16'31"E
 37°01'06"N 14°17'00"E
 37°01'28"N 14°16'35"E
 37°00'56"N 14°16'08"E
 (21(4), 24(9)02 Genova)

53281 4Ed. 12/27/97 LAST NM 15/03 18/03
 Change Beacon to R, Fl R 4s 6m 4M 40°56'12"N 8°13'50"E
 (See 9/99-53281)
 (25(7)02 Genova)

54380 6Ed. 5/11/91 LAST NM 16/03 18/03
 Add Stranded wreck [K24] 38°22.9'N 26°17.4'E
 (25(131)02 Istanbul)

54386 10Ed. 6/1/96 LAST NM 16/03 18/03
 Add Stranded wreck [K24] 38°22'56"N 26°17'22"E
 (25(131)02 Istanbul)

54387 7Ed. 2/3/96 LAST NM 16/03 18/03
 Relocate Buoy from 38°24'43"N 26°57'04"E to 38°24'48"N 26°57'07"E
 (Plan A)
 Relocate Buoy from 38°24'43.9"N 26°57'03.8"E to 38°24'48.0"N 26°57'07.2"E
 (24(122)02 Istanbul)

55046 4Ed. 11/30/96 LAST NM 48/02 18/03
 Change Light to Fl R 2s 6m 7M 40°52'54"N 29°06'06"E
 (25(129)02 Istanbul)

61071 9Ed. 1/18/97 LAST NM 36/00 18/03
 Delete Buoy 33°02'35.8"S 27°55'22.6"E
 (1(29)03 Cape Town)

61091 5Ed. 8/31/96 LAST NM 12/03 18/03
 Delete Buoy (waverider) 29°50'55.0"S 31°03'32.0"E
 Buoy (waverider) 29°53'34.0"S 31°04'56.0"E
 (1(30)03 Cape Town)

61092 13Ed. 1/5/91 LAST NM 48/99 18/03
 Delete Buoy (waverider) 29°53'35.5"S 31°04'55.0"E
 (1(30)03 Cape Town)

62434 9Ed. 12/8/01 LAST NM 17/03 18/03
 Delete Buoy "5" 29°44'23"N 48°37'46"E
 Buoy "9" 29°47'19"N 48°31'48"E
 Buoy 29°49'07"N 48°29'13"E
 Buoy "10" 29°48'27"N 48°28'36"E
 Buoy "11" 29°48'43"N 48°28'34"E
 Buoy "13" 29°50'18"N 48°25'50"E
 Buoy 29°52'25"N 48°25'18"E
 Buoy "14" 29°51'27"N 48°22'53"E
 Buoy "15" 29°51'39"N 48°22'49"E
 Buoy "16" 29°53'00"N 48°20'03"E
 Buoy "17" 29°53'06"N 48°20'12"E
 Buoy 29°55'22"N 48°17'50"E
 Buoy and legend "(wreck buoy)" 29°54'18"N 48°18'36"E
 (See 46/02, 17/03-62434)
 Add Buoy "5" G, conical 29°45'40"N 48°35'12"E
 Buoy "9" G, conical 29°47'17"N 48°31'35"E
 Buoy "10" R, can 29°48'32"N 48°28'32"E
 Buoy "11" G, conical 29°48'39"N 48°28'47"E
 Buoy "13" G, conical 29°50'05"N 48°26'05"E
 Buoy "15" G, conical, Fl 7s 29°51'33"N 48°23'11"E
 Buoy "16" R, can 29°52'59"N 48°19'52"E
 Buoy "17" G, conical 29°53'04"N 48°20'05"E
 Buoy R, can 29°54'13"N 48°18'32"E
 Buoy G, conical 29°55'51"N 48°17'09"E
 Depth 9.8 meters enclosed by depth contour
 (10-meter) 29°42'29"N 48°41'55"E
 Depth 7.8 meters enclosed by depth contour
 (10-meter) 29°42'19"N 48°44'21"E
 Depth 4.6 meters, blue tint and enclosing
 depth contour (5-meter) centered 29°43'44"N 48°36'02"E
 Depth 8.8 meters enclosed by depth contour
 (10-meter) 29°45'31"N 48°35'52"E
 Depth 10.8 meters 29°53'23"N 48°19'49"E
 Depth 9.7 meters 29°55'10"N 48°17'54"E
 Depth 20 meters Wk [K26] 29°39'53"N 48°45'12"E
 Dangerous wreck [K28] 29°45'31"N 48°35'18"E
 (NTM0012/2003)

62480 2Ed. 3/1/03 LAST NM 16/03 18/03
 Add Platform with light flare symbol [L10] 26°45.4'N 52°06.4'E
 Platform with light flare symbol [L10] 26°50.8'N 52°07.6'E
 (13(1540)03 Taunton)

62490 2Ed. 3/1/03 LAST NM 17/03 18/03
 Delete Dangerous wreck 28°34.8'N 48°57.0'E

(continued on next page)

72234	(Continued)			
Add	"ANCHORAGE AREA A" [N12.3] bound by purple dashed line joining	7°11'30.0"S 112°42'53.0"E 7°11'35.0"S 112°43'40.0"E 7°11'16.0"S 112°43'40.0"E 7°10'50.5"S 112°42'53.0"E		
	"ANCHORAGE AREA B" [N12.3] bound by purple dashed line joining	7°10'33.0"S 112°41'35.0"E 7°11'19.5"S 112°41'35.0"E 7°10'30.0"S 112°42'53.0"E 7°10'50.5"S 112°42'53.0"E		
	"ANCHORAGE AREA C" [N12.3] bound by purple dashed line joining	7°10'33.0"S 112°41'35.0"E 7°09'59.0"S 112°40'43.0"E 7°09'59.0"S 112°40'58.0"E 7°10'20.5"S 112°41'35.0"E		
	"ANCHORAGE AREA D" [N12.3] bound by purple dashed line joining	7°11'10.0"S 112°41'18.0"E 7°11'42.0"S 112°41'58.0"E 7°11'52.0"S 112°41'58.0"E 7°11'21.0"S 112°41'18.0"E		
	"ANCHORAGE AREA E" [N12.3] bound by purple dashed line joining	7°10'29.0"S 112°40'38.0"E 7°10'29.0"S 112°40'56.0"E 7°11'06.0"S 112°41'18.0"E 7°11'06.0"S 112°40'58.0"E		
	Dangerous wreck [K28] (BA CH 921)	7°11'30.0"S 112°44'07.0"E		
74000	6Ed. 9/9/95 LAST NM 7/03			18/03
Add	Wreck [K29] (17(459)00 Wollongong)	29°11.2'S 153°38.0'E		
74017	4Ed. 10/21/95 LAST NM 45/02			18/03
Delete	Buoy	20°26'06.6"S 116°43'46.2"E		
	Buoy	20°25'28.0"S 116°43'00.0"E		
Add	Buoy "Sea Buoy" Y, conical, Fl(4) Y 10s Racon [S3.1] (25(798)02 Wollongong)	20°25'24.6"S 116°42'58.2"E		
74020	4Ed. 2/10/96 LAST NM 5/03			18/03
Delete	Buoy	20°26'07"S 116°43'46"E		
	Buoy	20°25'30"S 116°43'00"E		
Add	Buoy "Sea Buoy" Y, conical, Fl(4) Y 10s Racon [S3.1] (25(798)02 Wollongong)	20°25'25"S 116°42'58"E		
74171	4Ed. 8/5/95 LAST NM 10/03			18/03
Add	Wreck [K29] (17(459)00 Wollongong)	29°11'11"S 153°37'59"E		
74172	5Ed. 1/24/98 LAST NM 10/03			18/03
Add	Wreck [K29] (17(459)00 Wollongong)	29°11'11"S 153°37'59"E		
74229	2Ed. 9/19/98 LAST NM 47/02			18/03
	(Plan)			
Add	Legend "5.1m" (17(460)00 Wollongong)	21°17'22.8"S 149°17'58.2"E		
74320	3Ed. 3/28/98 LAST NM 8/03			18/03
Delete	Purple dashed line between	16°53.5'S 139°00.0'E 16°51.8'S 139°02.4'E		
	Purple dashed line between	16°52.0'S 139°04.0'E 16°50.7'S 139°05.5'E		
Add	Purple dashed line (unsurveyed limit) joining	16°50.5'S 139°05.8'E 16°48.1'S 139°04.7'E 16°46.9'S 139°05.8'E 16°41.6'S 139°04.7'E 16°40.9'S 138°52.2'E		
	(17(464)00 Wollongong)			

74510	2Ed. 9/13/97 LAST NM 17/03			18/03
Delete	Buoy	20°26.1'S 116°43.8'E		
	Buoy	20°25.3'S 116°42.9'E		
Add	Buoy "Sea Buoy" Y, conical, Fl(4) Y 10s Racon [S3.1] (25(798)02 Wollongong)	20°25.4'S 116°43.0'E		
74545	3Ed. 7/19/97 LAST NM 40/02			18/03
Add	Note from Subsection I-2	27°04.0'S 114°42.0'E		
	"Shellfish Beds (see Note)" bound by dashed line joining	28°26.7'S 114°08.5'E 28°26.7'S 114°12.5'E 28°30.5'S 114°12.5'E 28°30.5'S 114°08.5'E		
	(17(466)00 Wollongong)			
74560	10Ed. 7/18/98 LAST NM 5/03			18/03
Add	Note from Subsection I-2	28°27.0'S 114°55.0'E		
	"Shellfish Beds (see Note)" bound by dashed line joining	28°26.7'S 114°08.5'E 28°26.7'S 114°12.5'E 28°30.5'S 114°12.5'E 28°30.5'S 114°08.5'E		
	(17(466)00 Wollongong)			
75144	3Ed. 4/22/95 LAST NM 10/03			18/03
Add	Chartlet A, depicting changes in hydrography, from Subsection I-2	34°26'00"S 136°25'00"E		
	Chartlet B, depicting changes in hydrography, from Subsection I-2	34°22'24"S 136°37'00"E		
	Chartlet C, depicting changes in hydrography, from Subsection I-2	34°26'00"S 137°10'30"E		
	Chartlet D, depicting changes in hydrography, from Subsection I-2	34°26'00"S 137°22'00"E		
	(24(767, 769)02 Wollongong)			
75160	6Ed. 2/11/95 LAST NM 17/03			18/03
Add	Purple composite-line circle, radius 0.5 mile, with legend "Historic Wk (see Note)" [N26] (25(800)02 Wollongong)	38°49.0'S 143°01.0'E		
75175	9Ed. 12/18/93 LAST NM 6/03			18/03
Delete	Light	37°49'24.6"S 144°56'43.3"E		
	Dashed line between	37°49'18.5"S 144°54'36.1"E 37°49'18.9"S 144°54'37.3"E		
	Dashed line joining	37°48'54.0"S 144°55'37.0"E 37°48'59.4"S 144°55'40.0"E 37°49'02.7"S 144°55'31.5"E 37°49'06.9"S 144°55'31.6"E 37°48'59.2"S 144°55'22.9"E		
	Legend "Maintained depth 10.7 meters"	37°49'01.2"S 144°55'32.0"E		
Relocate	Light from 37°49'03.9"S 144°55'06.2"E to 37°49'03.7"S 144°55'07.1"E			
Change	Characteristic of light to FR Legend "1.1m" to "1.6m" Legend "10.7m" to "11.4m"	37°49'24.0"S 144°54'30.0"E 37°49'17.4"S 144°54'42.0"E 37°48'55.2"S 144°55'34.0"E		
Add	Dashed line joining	37°49'18.5"S 144°54'35.6"E 37°49'18.8"S 144°54'36.7"E 37°49'16.8"S 144°54'44.9"E 37°49'15.2"S 144°54'46.3"E		
	Buoy G, pillar, Fl G 2s	37°49'18.4"S 144°54'36.4"E		
	Dashed line (dredged area limit) joining	37°48'53.9"S 144°55'37.0"E 37°48'55.6"S 144°55'38.0"E 37°49'01.3"S 144°55'31.2"E 37°49'06.2"S 144°55'31.6"E 37°48'59.0"S 144°55'24.4"E 37°48'57.8"S 144°55'27.5"E 37°48'57.5"S 144°55'27.3"E		
	(continued on next page)			

SECTION I

NM 18/03

75175	(Continued)				
	Dashed line (dredged area limit) joining				
		37°48'55.6"S	144°55'38.0"E		
		37°48'58.0"S	144°55'39.5"E		
		37°49'01.0"S	144°55'31.6"E		
	Dashed line (dredged area limit) between				
		37°49'06.2"S	144°55'31.6"E		
		37°49'06.9"S	144°55'32.0"E		
	Legend "Maintained depth 11.4m"				
		37°49'01.2"S	144°55'27.6"E		
	Legend "7.6m"				
		37°48'57.6"S	144°55'36.6"E		
	Buoy YBY, spar, double cone topmark points together, VQ(9) 10s				
		37°49'03.8"S	144°55'31.4"E		
	Land tint to area bound by shore and solid line joining				
		37°48'58.0"S	144°55'48.0"E		
		37°49'00.0"S	144°55'41.4"E		
		37°49'00.0"S	144°55'38.1"E		
		37°49'02.0"S	144°55'38.8"E		
		37°49'02.3"S	144°55'35.2"E		
	and delete land tint area seaward of above solid line				
	Solid line (pier) between				
		37°49'00.0"S	144°55'38.1"E		
		37°49'00.5"S	144°55'33.3"E		
	Blue tint area enclosed by depth contour (5-meter), radius 50 meters, centered				
		37°51'29.7"S	144°54'54.0"E		
	(19(531), 20(557)99, 13(369), 17(470)00, 25(804)02 Wollongong; Aus CH 154; BA LL)				
76050	8Ed. 8/10/96 LAST NM 49/02			18/03	
	Change Sectors of light to white 091°18'-124°, red- 139°, red-287°48', white-303°18', red-000°				
		36°54.0'S	175°11.0'E		
	(2(28)03 Wellington)				
76080	8Ed. 2/22/97 LAST NM 1/03			18/03	
	Change Visibility (range) of light to 8M	40°47'00"S	172°59'57"E		
	(2(29)03 Wellington)				
76162	1Ed. 12/15/90 LAST NM 26/01			18/03	
	(Plan)				
	Add Legend "Marina and Pile Moorings"				
		38°40'14.4"S	178°01'46.2"E		
	(5(42)03 Wellington)				
93010	6Ed. 1/9/99 LAST NM 14/03			18/03	
	Add Platform "Seroja A" with light flare symbol				
	[L2]	6°58.8'N	104°08.4'E		
	Platform "Raya B" with light flare symbol				
	[L2]	6°58.6'N	104°10.8'E		
	Platform with light flare symbol				
	[L10]	5°00.0'N	105°15.0'E		
	Submarine pipeline [L40.1] with legend "GAS CAUTION NO 1" joining				
		4°09.0'N	105°23.9'E		
		4°27.0'N	105°18.0'E		
		4°36.0'N	105°18.5'E		
		4°58.0'N	105°16.0'E		
		5°00.0'N	105°15.0'E		
	(9(152), 10(170)02 Kuala Lumpur)				
93018	8Ed. 3/6/99 LAST NM 14/03			18/03	
	Add Platform "Seroja A" with light flare symbol				
	[L2]	6°58.8'N	104°08.4'E		
	Platform "Raya B" with light flare symbol				
	[L2]	6°58.6'N	104°10.8'E		
	(10(170)02 Kuala Lumpur)				
93260	8Ed. 9/13/97 LAST NM 7/03			18/03	
	Add Buoy RW, can, Mo(A) 6s	11°45'41"N	102°52'38"E		
	(1(19)03 Bangkok)				
93280	4Ed. 9/28/85 LAST NM 23/99			18/03	
	Add Buoy RW, can, Mo(A) 6s	11°45'34"N	102°52'52"E		
	(1(19)03 Bangkok)				
94004	6Ed. 9/2/95 LAST NM 17/03			18/03	
	Add Submarine cable [L30.1] joining				
		25°22.1'N	121°25.5'E		
		25°27.3'N	121°25.3'E		
		25°34.8'N	121°31.8'E		
		25°39.9'N	121°40.5'E		
		25°44.2'N	121°54.8'E		
		25°47.0'N	122°08.0'E		
	(7(230)03 Tokyo)				
94040	13Ed. 10/4/97 LAST NM 17/03			18/03	
	Add "PILOT ANCHORAGE No 1" area [N12.2] bound by purple dashed-line circle, radius 1 mile, centered				
		23°21.0'N	117°00.0'E		
	"PILOT ANCHORAGE No 2" area [N12.2] bound by purple dashed line joining				
		23°30.0'N	117°03.0'E		
		23°31.0'N	117°03.0'E		
		23°31.0'N	117°07.0'E		
		23°30.0'N	117°07.0'E		
	(16(314)02 Tianjin)				
94042	9Ed. 5/25/96 LAST NM 7/03			18/03	
	(Panel B)				
	Add "PILOT ANCHORAGE No 1" area [N12.2] bound by purple dashed-line circle, radius 1 mile, centered				
		23°20'58"N	117°01'06"E		
	(16(314)02 Tianjin)				
94060	10Ed. 5/18/96 LAST NM 15/03			18/03	
	Change Light to Fl 2s 21m 18M Racon				
	(21, 22/03 Tso-ying)	24°17.9'N	120°29.5'E		
94063	4Ed. 9/21/96 LAST NM 8/03			18/03	
	Delete Light and Racon	24°17'52"N	120°29'27"E		
	Add Light Fl 2s 21m 18M Racon	24°17'59"N	120°29'11"E		
	(Plan)				
	Delete Light and Racon	24°17'52.0"N	120°29'27.1"E		
	Add Light Fl 2s 21m 18M Racon	24°17'58.9"N	120°29'11.4"E		
	(21, 22/03 Tso-ying)				
94120	6Ed. 9/9/95 LAST NM 17/03			18/03	
	Add Submarine cable [L30.1] joining				
		25°13.5'N	121°23.8'E		
		25°22.1'N	121°25.5'E		
		25°27.3'N	121°25.3'E		
		25°34.8'N	121°31.8'E		
		25°39.9'N	121°40.5'E		
		25°44.2'N	121°54.8'E		
		25°48.0'N	122°11.4'E		
		25°47.8'N	122°12.8'E		
		25°41.5'N	122°19.0'E		
		25°38.8'N	122°20.0'E		
		25°21.8'N	122°36.7'E		
		25°20.1'N	122°39.6'E		
		25°16.4'N	122°41.3'E		
	(7(230)03 Tokyo)				
94123	9Ed. 5/11/96 LAST NM 17/03			18/03	
	Add Submarine cable [L30.1] joining				
		25°11'18"N	121°24'48"E		
		25°13'30"N	121°23'48"E		
		25°22'06"N	121°25'30"E		
		25°27'18"N	121°25'18"E		
		25°34'48"N	121°31'48"E		
		25°39'54"N	121°40'30"E		
		25°40'26"N	121°42'30"E		
	(7(230)03 Tokyo)				
94127	2Ed. 5/25/96 LAST NM 16/03			18/03	
	(Panel B)				
	Add Submarine cable [L30.1] joining				
		25°11'18.0"N	121°24'48.0"E		
		25°13'30.0"N	121°23'48.0"E		
		25°15'20.0"N	121°24'09.0"E		
	(7(230)03 Tokyo)				

94160	7Ed. 3/23/96	LAST NM 17/03	18/03
Add	Submarine cable [L30.1] joining		
		25°13.5'N 121°23.8'E	
		25°22.1'N 121°25.5'E	
		25°27.3'N 121°25.3'E	
		25°34.8'N 121°31.8'E	
		25°39.9'N 121°40.5'E	
		25°41.6'N 121°46.0'E	
	(7(230)03 Tokyo)		
94165	4Ed. 11/30/96	LAST NM 50/02	18/03
Delete	Buoy "1"		
	(See 20/02-94165)		
Add	Buoy G, pillar, cone topmark, Fl G 4s		
	25°59'24.5"N 119°28'24.9"E		
	(30(561, 562)02 Tianjin)		
94218	3Ed. 8/24/96	LAST NM 6/03	18/03
Relocate	Buoy "105" from		
	31°22'16.8"N 121°29'58.8"E to		
	31°22'12.1"N 121°29'57.2"E		
	(33(603)02 Tianjin)		
94220	4Ed. 9/23/95	LAST NM 17/03	18/03
Add	"ANCH AREA" [N12.1] bound by purple dashed line joining		
	31°31.8'N 121°24.8'E		
	31°33.0'N 121°22.0'E		
	31°32.2'N 121°21.6'E		
	(35(651)02 Tianjin)		
94363	4Ed. 11/21/92	LAST NM 16/03	18/03
	(Plan)		
Relocate	Buoy "D-1" from		
	38°58'16.7"N 117°47'57.6"E to		
	38°58'15.2"N 117°47'53.4"E		
	Buoy "12" from		
	38°58'01.8"N 117°49'23.1"E to		
	38°58'00.9"N 117°49'22.8"E		
	(See 42/01-94363)		
	(34(632)02 Tianjin)		
94380	4Ed. 9/2/95	LAST NM N6/03	N18/03
Substitute	Beacon "2" G, cone topmark, Fl(2) G 6s for buoy		
	40°43'31"N 121°03'26"E		
	Beacon "11" R, can topmark, Fl R 4s for buoy		
	40°47'51"N 121°03'37"E		
	(See N5/99-94380)		
Change	Light to Fl 4s 20m 4M		
	40°47'47"N 121°03'57"E		
	(22(426, 436)02 Tianjin)		
94440	2Ed. 7/1/95	LAST NM 46/02	18/03
Add	Light Fl R 6s 25m 10M		
	39°16.5'N 122°42.7'E		
	(14(253)02 Tianjin; Cna LL)		
95258	3Ed. 11/15/97	LAST NM 16/03	18/03
Delete	Position circle and legend "24"		
	38°54'50.2"N 139°48'32.0"E		
	Lifeboat station symbol and legend "LSS"		
	38°54'50.0"N 139°48'35.5"E		
Add	Lifeboat station symbol [T12]		
	38°54'47.0"N 139°49'54.0"E		
	(9(300)03 Tokyo)		
95285	3Ed. 11/8/97	LAST NM 10/00	18/03
Substitute	Radio mast symbol [E28] for radio tower symbol		
	35°32'08.0"N 135°20'30.0"E		
	(9(315)03 Tokyo)		
97155	14Ed. 12/27/97	LAST NM 13/03	18/03
Delete	Dashed line joining		
	35°36'40.5"N 139°46'20.5"E		
	35°36'18.0"N 139°46'37.0"E		
	35°36'17.0"N 139°46'34.1"E		
	35°36'33.0"N 139°46'22.0"E		
	35°36'30.5"N 139°46'16.0"E		
	35°36'32.6"N 139°46'17.0"E		
	35°36'36.0"N 139°46'14.5"E		
	35°36'38.0"N 139°46'18.0"E		
	Dashed line between		
	35°36'36.0"N 139°46'14.5"E		
	35°36'47.5"N 139°46'05.5"E		

	Depth 13.8 meters	35°36'35.5"N 139°46'16.5"E	
	Depth 13 meters	35°36'33.0"N 139°46'19.0"E	
	Depth 13 meters	35°36'34.5"N 139°46'22.0"E	
	Depth 13.4 meters	35°36'38.5"N 139°46'20.0"E	
	Depth 13.7 meters	35°36'31.0"N 139°46'24.0"E	
	Depth 13.2 meters	35°36'26.8"N 139°46'28.0"E	
	Depth 13.3 meters	35°36'20.0"N 139°46'33.0"E	
	(See 12/03-97155)		
Change	Legend "Y Lt" to "R Lt" at position circle		
	35°37'38.0"N 139°48'26.0"E		
	Legend "Y Lt" to "G Lt" at position circle		
	35°37'43.0"N 139°49'19.0"E		
Add	Depth 12.7 meters		
	35°36'48.0"N 139°46'07.8"E		
	Dashed line (dredged area limit) between		
	35°36'47.5"N 139°46'05.5"E		
	35°36'48.3"N 139°46'11.0"E		
	Dashed line (dredged area limit) between		
	35°36'39.5"N 139°46'18.1"E		
	35°36'40.5"N 139°46'20.5"E		
	Legend "G Lt" at position circle		
	35°37'09.0"N 139°49'19.0"E		
	(9(303), 12(400)03 Tokyo)		
97181	20Ed. 3/26/94	LAST NM 17/03	18/03
Change	Visibility (range) of light to 4M		
	34°36'38"N 136°31'47"E		
	Visibility (range) of light to 3M		
	34°21'54"N 136°53'46"E		
	(12(411, 412)03 Tokyo)		
97182	13Ed. 1/1/94	LAST NM 17/03	18/03
Change	Visibility (range) of light to 4M		
	34°42'15.0"N 136°56'12.0"E		
	(12(409)03 Tokyo)		
97183	9Ed. 3/21/98	LAST NM 16/03	18/03
Substitute	Beacon "1" G, can topmark,		
	Fl(2) G 6s 9m 5M for buoy "1"		
	34°57'56"N 136°40'59"E		
	Beacon "2" R, cone topmark,		
	Fl(2) R 6s 9m 5M for buoy "2"		
	34°58'09"N 136°41'01"E		
	Beacon "3" G, can topmark,		
	Fl G 3s 8m 5M for buoy "3"		
	34°58'06"N 136°47'52"E		
	Beacon "5" G, can topmark,		
	Fl G 3s 8m 4M for buoy "5"		
	34°58'58"N 136°48'34"E		
	(11(375), 12(410)03 Tokyo)		
97184	15Ed. 9/13/97	LAST NM 14/03	18/03
Delete	Buoy "5"		
	34°58'56.8"N 136°48'37.0"E		
	Buoy "7"		
	34°59'48.0"N 136°49'17.0"E		
	Buoy "11"		
	35°01'00.0"N 136°50'15.0"E		
	(See 28/02-97184)		
Add	Beacon "5" G, can topmark, Fl G 3s 8m 4M		
	34°58'58.1"N 136°48'33.6"E		
	Beacon "7" G, can topmark, Fl G 3s 8m 4M		
	34°59'49.0"N 136°49'14.6"E		
	Beacon "11" G, can topmark, Fl G 3s 8m 5M		
	35°01'00.5"N 136°50'12.4"E		
	(11(375)03 Tokyo)		
97187	3Ed. 2/14/98	LAST NM 9/03	18/03
Substitute	Beacon "1" G, can topmark,		
	Fl(2) G 6s 9m 5M for buoy "1"		
	34°57'56.0"N 136°40'59.0"E		
	Beacon "2" R, cone topmark,		
	Fl(2) R 6s 9m 5M for buoy "2"		
	34°58'09.0"N 136°41'01.0"E		
	(12(410)03 Tokyo)		
97189	2Ed. 8/9/97	LAST NM 14/03	18/03
Delete	Buoy "3"		
	34°58'05.2"N 136°47'54.0"E		
	Buoy "5"		
	34°58'56.8"N 136°48'37.0"E		
	Buoy "7"		
	34°59'48.0"N 136°49'17.0"E		
	Buoy "11"		
	35°01'00.0"N 136°50'15.0"E		
	(See 28/02-97189)		
Add	Beacon "3" G, can topmark, Fl G 3s 8m 5M		
	34°58'06.5"N 136°47'52.0"E		
	Beacon "5" G, can topmark, Fl G 3s 8m 4M		
	34°58'58.1"N 136°48'33.6"E		

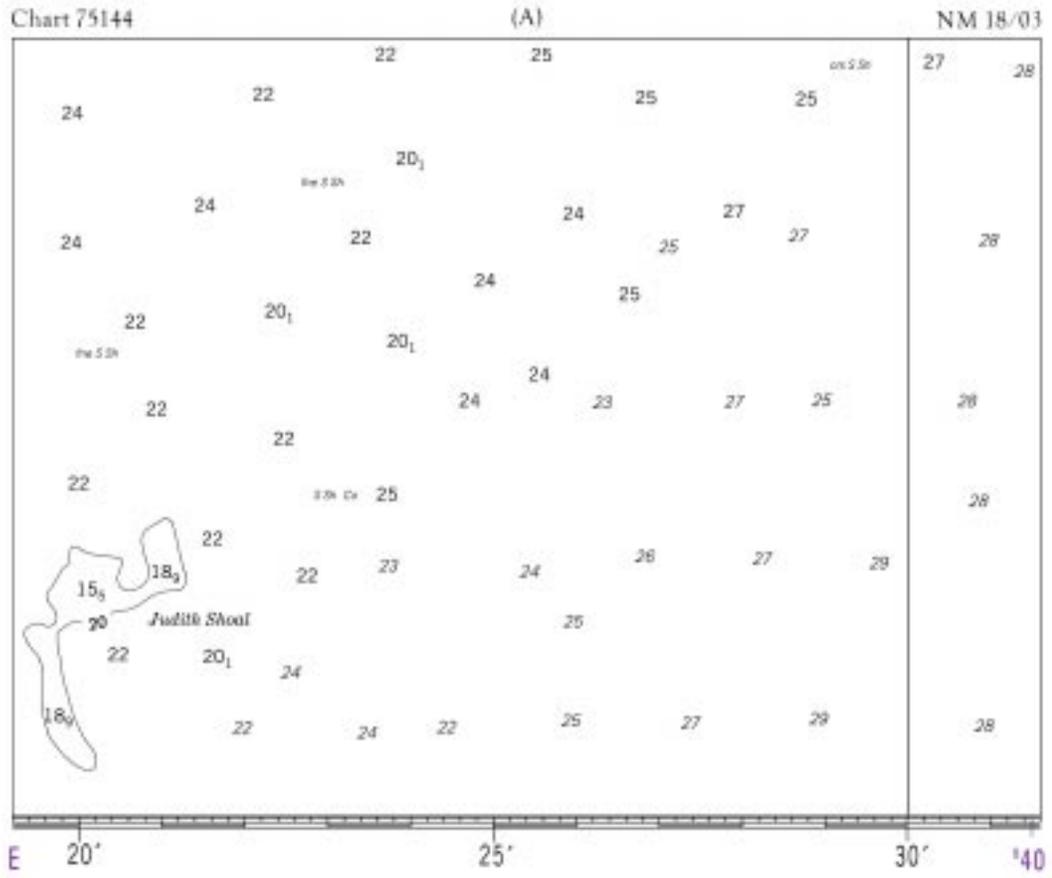
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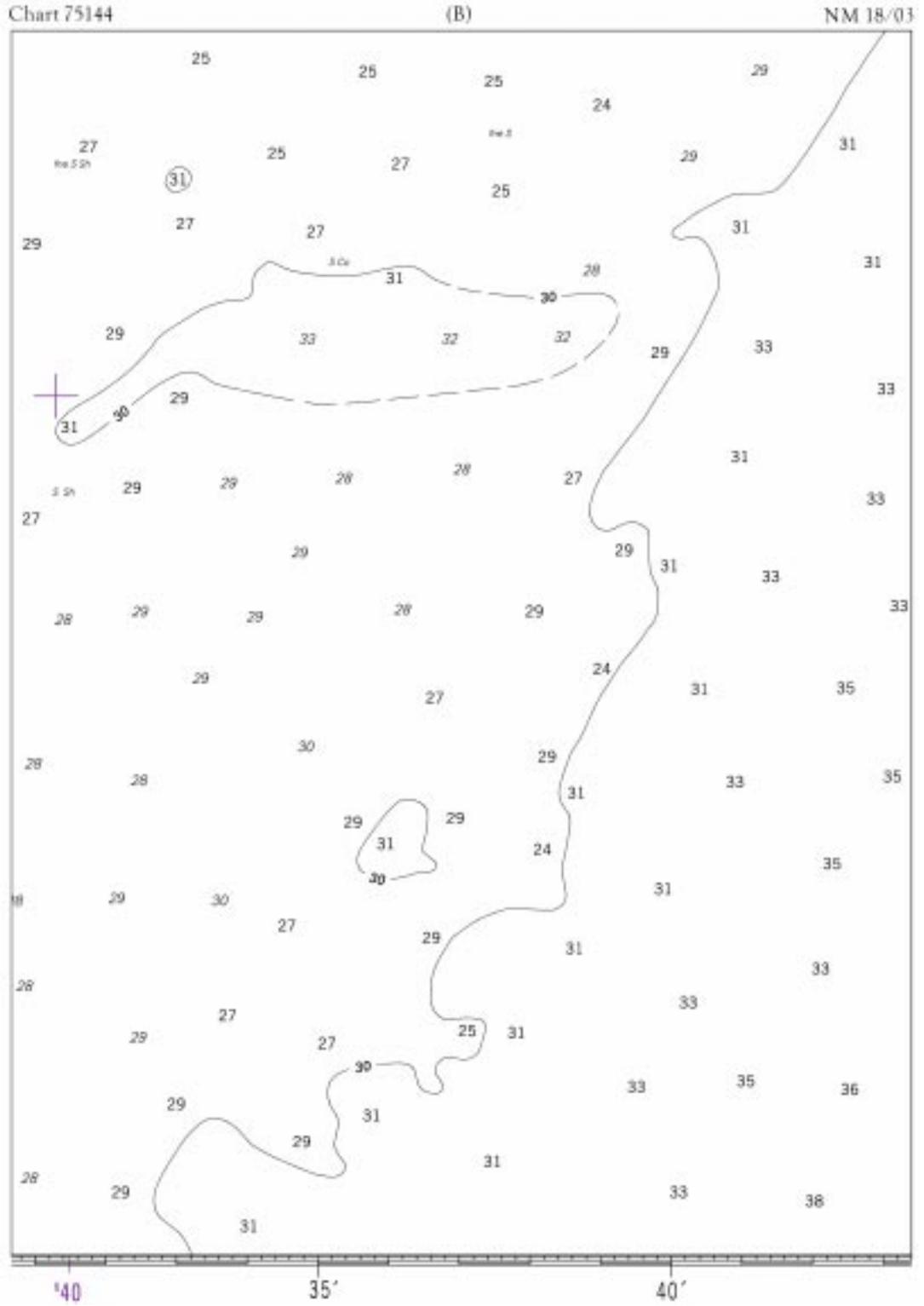
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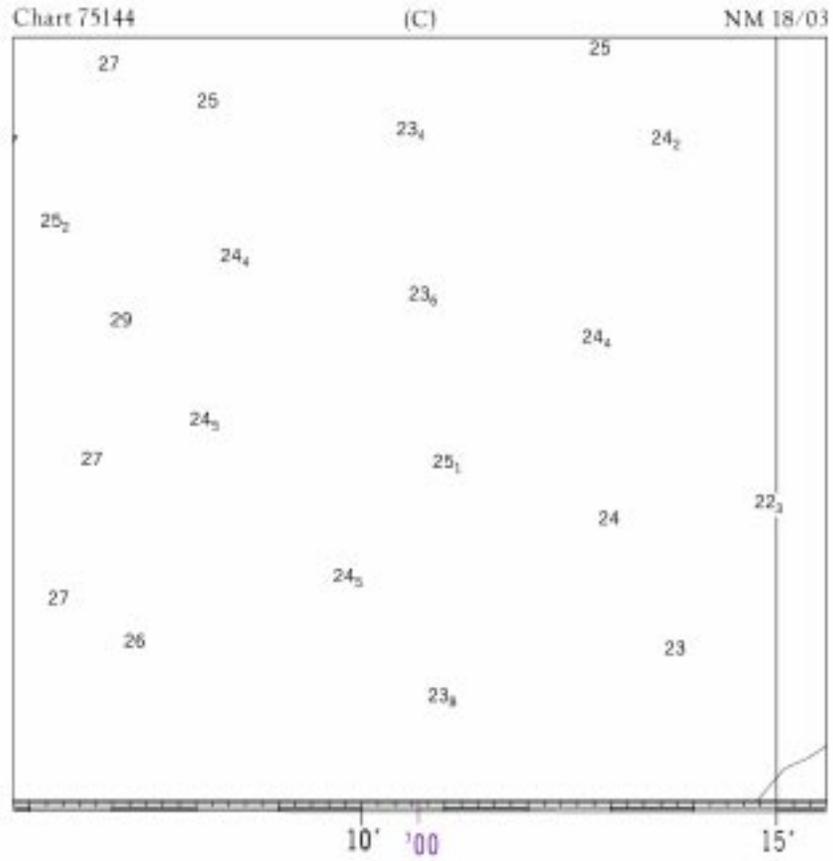
NM 18/03

97189	(Continued)				
	Beacon "7" G, can topmark, Fl G 3s 8m 4M	34°59'49.0"N	136°49'14.6"E		
	Beacon "11" G, can topmark, Fl G 3s 8m 5M	35°01'00.5"N	136°50'12.4"E		
	(11(375)03 Tokyo)				
97201	7Ed. 8/9/97 LAST NM 46/00			18/03	
	Change Visibility (range) of light to 4M	34°06'19.0"N	136°14'38.0"E		
	Light to Fl G 3s 13m 3M	34°03'51.0"N	136°13'16.0"E		
	(12(413, 414)03 Tokyo)				
97205	3Ed. 7/26/97 LAST NM 29/99			18/03	
	Change Visibility (range) of light to 4M	34°06'19.0"N	136°14'38.0"E		
	Light to Fl G 3s 13m 3M	34°03'51.0"N	136°13'16.0"E		
	(Plan)				
	Change Light to Fl G 3s 13m 3M	34°03'51.0"N	136°13'16.0"E		
	(12(413, 414)03 Tokyo)				
97220	3Ed. 12/30/95 LAST NM 17/03			18/03	
	Substitute Beacon "1" YBY, double cone topmark points together, Q(9) 15s 5M for buoy "1"	34°33'28.0"N	135°20'05.0"E		
	Beacon "2" R, cone topmark, Fl(2) R 6s 5M for buoy "2"	34°33'19.0"N	135°20'05.0"E		
	Beacon "7" G, can topmark, Fl G 3s 4M for buoy "7"	34°33'28.0"N	135°22'09.0"E		
	Beacon "8" R, cone topmark, Mo(A) R 8s 4M for buoy "8"	34°33'18.8"N	135°22'16.7"E		
	Beacon "9" G, can topmark, Fl G 3s 4M for buoy "9"	34°33'28.0"N	135°22'51.0"E		
	Beacon "10" R, cone topmark, Fl R 3s 4M for buoy "10"	34°33'19.0"N	135°22'51.0"E		
	Beacon "11" G, can topmark, Fl G 3s 4M for buoy "11"	34°33'28.0"N	135°23'23.0"E		
	Beacon "12" R, cone topmark, Fl R 3s 4M for buoy "12"	34°33'19.0"N	135°23'34.0"E		
	(12(401)03 Tokyo)				
97221	20Ed. 1/17/98 LAST NM 17/03			18/03	
	Substitute Beacon "1" YBY, double cone topmark points together, Q(9) 15s 5M for buoy "1"	34°33'28"N	135°20'05"E		
	Beacon "2" R, cone topmark, Fl(2) R 6s 5M for buoy "2"	34°33'19"N	135°20'05"E		
	Beacon for buoy	34°33'28"N	135°22'09"E		
	Beacon for buoy	34°33'19"N	135°22'17"E		
	Beacon for buoy	34°33'28"N	135°22'51"E		
	Beacon for buoy	34°33'19"N	135°22'51"E		
	Beacon for buoy	34°33'28"N	135°23'23"E		
	Beacon for buoy	34°33'19"N	135°23'34"E		
	(12(401)03 Tokyo)				
97225	31Ed. 1/21/95 LAST NM 17/03			18/03	
	Substitute Beacon "1" YBY, double cone topmark points together, Q(9) 15s 5M for buoy "1"	34°33'16"N	135°20'15"E		
	Beacon "2" R, cone topmark, Fl(2) R 6s 5M for buoy "2"	34°33'07"N	135°20'15"E		
	Beacon for buoy	34°33'16"N	135°22'19"E		
	Beacon for buoy	34°33'07"N	135°22'27"E		
	Beacon for buoy	34°33'16"N	135°23'07"E		
	Beacon for buoy	34°33'07"N	135°23'07"E		
	Beacon for buoy	34°33'16"N	135°23'33"E		
	Beacon for buoy	34°33'07"N	135°23'44"E		
	(12(401)03 Tokyo)				
97226	7Ed. 8/29/98 LAST NM 17/02			18/03	
	Substitute Beacon "No 1" YBY, double cone topmark points together, Q(9) 15s 9m 5M for buoy "No 1"	34°33'28.0"N	135°20'05.0"E		
	Beacon "No 2" R, cone topmark, Fl(2) R 6s 9m 5M for buoy "No 2"	34°33'19.0"N	135°20'05.0"E		
	Beacon "No 7" G, can topmark, Fl G 3s 9m 4M for buoy "No 7"	34°33'28.0"N	135°22'09.0"E		
	Beacon "No 8" R, cone topmark, Mo(A) R 8s 9m 4M for buoy "No 8"	34°33'19.0"N	135°22'17.0"E		
	Beacon "No 9" G, can topmark, Fl G 3s 9m 4M for buoy "No 9"	34°33'28.0"N	135°22'51.0"E		
	Beacon "No 10" R, cone topmark, Fl R 3s 9m 4M for buoy "No 10"	34°33'19.0"N	135°22'51.0"E		
	Beacon "No 11" G, can topmark, Fl G 3s 9m 4M for buoy "No 11"	34°33'28.0"N	135°23'23.0"E		
	Beacon "No 12" R, cone topmark, Fl R 3s 9m 4M for buoy "No 12"	34°33'19.0"N	135°23'34.0"E		
	(12(401)03 Tokyo)				
97227	11Ed. 9/20/97 LAST NM 9/03			18/03	
	Add Depth 10.4 meters	34°36'57.6"N	135°23'05.9"E		
	Position circle "SS (Traffic)" [T20]	34°37'14.1"N	135°23'59.3"E		
	(11(371)03 Tokyo)				
97228	15Ed. 1/24/98 LAST NM 17/03			18/03	
	Add Depth 10.4 meters	34°36'57.6"N	135°23'05.9"E		
	Position circle "SS" [T20]	34°37'14.1"N	135°23'59.3"E		
	Position circle "SS" [T20]	34°38'16.8"N	135°23'55.4"E		
	Position circle "SS" [T20]	34°38'18.0"N	135°24'53.9"E		
	(11(371)03 Tokyo)				
97229	12Ed. 7/4/98 LAST NM 9/03			18/03	
	Substitute Beacon "3" RW, ball topmark, Iso 4s 7m 6M for buoy "3"	34°42'00.0"N	135°17'30.0"E		
	(12(416)03 Tokyo)				
97261	15Ed. 1/31/98 LAST NM 7/03			18/03	
	Delete Disused submarine cable in vicinity	34°11'42"N	132°34'42"E		
	Submarine cable in vicinity (See 41/02-97261)	34°11'42"N	132°34'20"E		
	(9(309)03 Tokyo)				
97263	10Ed. 1/24/98 LAST NM 15/03			18/03	
	(Continuation)				
	Add Double solid line with land tint (breakwater) joining	34°03'16.1"N	133°01'57.0"E		
		34°03'11.6"N	133°01'57.0"E		
		34°03'10.1"N	133°01'53.4"E		
	Double dashed line (breakwater extension under construction) between	34°03'17.3"N	133°01'57.0"E		
		34°03'16.1"N	133°01'57.0"E		
	(37(1451)01, 11(379)03 Tokyo)				
97266	5Ed. 7/5/97 LAST NM 15/03			18/03	
	Delete Disused submarine cable in vicinity	34°11'42"N	132°34'42"E		
	Buoy (See 41/02-97266)	34°19'08"N	132°22'30"E		
	(9(309, 315)03 Tokyo)				
97267	16Ed. 2/21/98 LAST NM 13/03			18/03	
	Delete Disused submarine cable in vicinity	34°11'42"N	132°34'42"E		
	Submarine cable in vicinity	34°11'42"N	132°34'20"E		
	Buoy (See 41/02-97267)	34°19'08"N	132°22'30"E		
	(9(309, 315)03 Tokyo)				
97269	11Ed. 1/31/98 LAST NM 13/03			18/03	
	(Panel A)				
	Delete Buoy	34°19'08.0"N	132°22'28.8"E		
	(9(315)03 Tokyo)				

- 97273 10Ed. 5/21/94 LAST NM 15/03 18/03
 Change Characteristic of buoy "4" to Iso 4s 33°51'24"N 131°11'58"E
 (12(418)03 Tokyo)
- 97274 19Ed. 6/27/98 LAST NM 17/03 18/03
 Change Characteristic of buoy "4" to Iso 4s 33°51'36"N 131°11'49"E
 (12(418)03 Tokyo)
- 97340 8Ed. 4/5/97 LAST NM 17/03 18/03
 Change Light to F Fl R 5s 15m 7/3M 31°01.4'N 130°41.2'E
 (11(382)03 Tokyo)
- 97342 14Ed. 8/30/97 LAST NM 17/03 18/03
 Change Light to F Fl R 5s 15m 7/3M 31°01'25"N 130°41'13"E
 (11(382)03 Tokyo)
- 97360 6Ed. 2/1/97 LAST NM 13/03 18/03
 Change Visibility (range) of light to 7/3M 31°01'25"N 130°41'13"E
 (11(382)03 Tokyo)
- 97480 7Ed. 6/1/96 LAST NM 17/03 18/03
 Add Submarine cable [L30.1] joining
 25°39.9'N 121°40.5'E
 25°44.2'N 121°54.8'E
 25°48.0'N 122°11.4'E
 25°47.8'N 122°12.8'E
 25°41.5'N 122°19.0'E
 25°38.8'N 122°20.0'E
 25°21.8'N 122°36.7'E
 25°20.1'N 122°39.6'E
 25°16.4'N 122°41.3'E
 25°09.4'N 122°43.0'E
 (7(230)03 Tokyo)
- 97481 6Ed. 2/8/97 LAST NM 9/03 18/03
 Change Visibility (range) of light to 5M 24°48'48"N 125°15'55"E
 (11(371)03 Tokyo)
- 97521 6Ed. 3/14/98 LAST NM 16/03 18/03
 Delete **(Plan K)**
 Light 33°07'23.0"N 139°49'11.0"E
 Add Light Fl 3s 16m 10M 33°07'24.1"N 139°49'14.4"E
 Solid line (jetty) [F14] between
 33°07'24.1"N 139°49'14.4"E
 33°07'23.2"N 139°49'11.9"E
 Change **(Plan L)**
 Visibility (range) of light to 10M 33°07'24"N 139°49'14"E
 (12(415)03 Tokyo)







SECTION I

NM 18/03

Chart 11353

NM 18/03

MISSISSIPPI RIVER - GULF OUTLET CHANNEL					
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO FEB 2003					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	WIDTH (FEET)	DATE OF SURVEY
LT. BUOY 1 (29°25'27"N, 88°59'31"W) TO LT. BUOY 20 THENCE TO END OF JETTY OPPOSITE LIGHT 62	31.0	37.0	25.0	600	10,12-02
	31.0	35.0	28.0	500	10-02; 1,2-03
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE					

Chart 11363

NM 18/03

MISSISSIPPI RIVER - GULF OUTLET CHANNEL					
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO FEB 2003					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	WIDTH (FEET)	DATE OF SURVEY
LT. BUOY 1 (29°25'27"N, 88°59'31"W) TO LT. BUOY 20 THENCE TO END OF JETTY OPPOSITE LIGHT 62 THENCE TO INTERSECTION WITH G. I. W. W. THENCE TO INNER HARBOR NAVIGATION CANAL	31.0	37.0	25.0	600	10,12-02
	31.0	35.0	28.0	500	10-02; 1,2-03
	24.0	31.0	21.0	500	11,12-02; 1,2-03
	26.0	27.0	28.0	500	1-03
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE					

Chart 11364

NM 18/03

MISSISSIPPI RIVER - GULF OUTLET CHANNEL					
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO FEB 2003					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	WIDTH (FEET)	DATE OF SURVEY
LT. BUOY 1 (29°25'27"N, 88°59'31"W) TO LT. BUOY 20 THENCE TO END OF JETTY OPPOSITE LIGHT 62 THENCE TO INTERSECTION WITH G. I. W. W. THENCE TO INNER HARBOR NAVIGATION CANAL	31.0	37.0	25.0	600	10,12-02
	31.0	35.0	28.0	500	10-02; 1,2-03
	24.0	31.0	21.0	500	11,12-02; 1,2-03
	26.0	27.0	28.0	500	1-03
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE					

SECTION I

NM 18/03

Chart 11369

NM 18/03

MISSISSIPPI RIVER - GULF OUTLET CHANNEL					
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO FEB 2003					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	WIDTH (FEET)	DATE OF SURVEY
LT. BUOY 1 (29°25'27"N, 88°59'31"W) TO LT. BUOY 20 THENCE TO END OF JETTY OPPOSITE LIGHT 62	31.0	37.0	25.0	600	10,12-02
THENCE TO INTERSECTION WITH G. I. W. W.	31.0	35.0	28.0	500	10-02; 1,2-03
THENCE TO INNER HARBOR NAVIGATION CANAL	24.0	31.0	21.0	500	11,12-02; 1,2-03
	26.0	27.0	28.0	500	1-03

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

Chart 11537

NM 18/03

CAPE FEAR RIVER CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO FEB 2003								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
BALDHEAD SHOAL	36.2	38.3	38.4	32.0	6,11-02	500	5.0	40
SMITH ISLAND	42.9	43.4	44.0	43.6	2-03	500	1.0	40
BALDHEAD CASWELL CHANNEL	44.1	45.6	44.9	44.8	11-02	500	0.4	40
SOUTHPORT CHANNEL	45.2	43.0	43.8	40.1	2-03	500	1.0	40
BATTERY ISLAND CHANNEL	40.0	45.3	43.0	29.0	11-02	500	0.5	40
LOWER SWASH	41.3	41.9	42.8	41.8	2-03	400	1.6	38
SNOWS MARSH	41.0	42.2	39.8	38.9	11-02	400	3.1	38
HORSESHOE SHOAL	40.1	41.5	41.0	40.0	2-03	400	1.2	38
REAVES POINT	37.0	38.1	37.6	37.1	1-03	400	1.2	38
LOWER MIDNIGHT	35.7	38.0	39.0	36.5	12-02	400	1.6	38
UPPER MIDNIGHT	36.5	37.6	37.3	34.9	12-02	400	2.7	38
LOWER LILLIPUT	37.9	38.1	38.1	36.3	12-02;1-03	400	1.9	38
UPPER LILLIPUT	36.4	36.7	37.7	37.0	12-02;1-03	400	1.9	38
KEG ISLAND	36.2	39.2	38.8	35.8	12-02	400	1.4	38
BIG ISLAND LOWER	37.1	43.9	43.8	39.1	1-03	400	0.8	38
BIG ISLAND UPPER	39.0	43.9	42.6	38.6	8-02	400	0.5	38
LOWER BRUNSWICK	37.5	39.3	39.1	35.8	8-02;1-03	400	1.6	38
UPPER BRUNSWICK	34.1	39.7	39.7	36.8	4-02	400	1.0	38
FOURTH EAST JETTY	36.7	38.6	39.0	36.5	4-02	400	1.2	38
BETWEEN CHANNEL	32.2	39.7	39.1	36.2	4-02	550	0.8	38
ANCHORAGE BASIN & APP CHANNEL	33.0	36.0	36.3	36.5	2-03	450-1090	1.3	38
HWY 74-76 TO BATTLESHIP	26.7	33.7	35.5	28.3	11-02	400	0.6	32
BATTLESHIP TO HWY 117 INCLUDING TURNING BASIN	9.0	29.4	31.4	18.6	11-02	190-850	-	32
HWY 117 TO HILTON BR	27.7	27.9	31.2	30.8	11-02	200-400	0.5	32
THENCE TO END OF PROJECT AT 34°16'36"N, 77°57'01"W	22.9	22.6A	20.8B	17.5C	11-02	200	1.2	25
TURNING BASIN	20.9	21.1	17.2	12.8	11-02	500	0.1	25

A. EXCEPT FOR SHOALING TO 17.3 FEET FOR THE LAST 150 FEET OF THE PROJECT.
 B. EXCEPT FOR SHOALING TO 10.1 FEET FOR THE LAST 150 FEET OF THE PROJECT.
 C. EXCEPT FOR SHOALING TO 10.7 FEET FOR THE LAST 250 FEET OF THE PROJECT.
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SECTION I

NM 18/03

Chart 12327

NM 18/03

NEW YORK HARBOR - LOWER BAY - CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JAN 2003 AND SURVEYS TO DEC 2002								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
AMBROSE CHANNEL	40.3	44.7	44.9	28.4	9-95	2000	9.2	45
SANDY HOOK CHANNEL (EAST)	38.9	40.7	37.9	31.8	6,7-02	A800-2200	3.5	A35
SANDY HOOK CHANNEL	24.9	38.6	37.3	32.9	6,7-02	800	2.4	35
CHAPEL HILL:								
SOUTH CHANNEL	28.5	29.5	30.1	27.7	10-02	1000	2.7	30
NORTH CHANNEL	28.7	29.1	29.0	27.9	10-02	1000	1.8	30
TERMINAL CHANNEL	44.2	45.7	46.0	44.0	2-97	400	0.8	35
KEYPORT HARBOR CHANNEL	5.0	6.7	6.5	5.8	5-02	100-200	0.9	8
RARITAN BAY EAST REACH	33.3	37.2	35.5	33.1	4-01	600	4.0	35
RARITAN BAY WEST REACH	33.4	39.1	39.2	33.9	4,9-01	600	2.4	35
SEGUINE POINT BEND	28.5	35.1	38.4	29.7	9-01	600-800	1.2	35
RED BANK REACH	34.0	40.3	40.5	34.2	9-01	600	1.2	35
WARD POINT BEND (EAST)	31.5	38.7	36.9	27.6	9,12-01	600-800	1.1	35
WARD POINT BEND (WEST)	35.0	35.0	35.0	33.8	9,12-01	600-800	0.8	35
RARITAN RIVER CUT OFF	16.7	19.3	19.3	11.6	3-99	600-1100	1.0	20
WARD POINT SECONDARY CHANNEL	21.3	21.0	20.9	20.6	12-02	400	0.9	30
GREAT BEDS REACH	23.9	25.3	25.1	23.3	6-02	300	0.6	25
SOUTH AMBOY REACH	24.1	24.3	24.5	23.4	6-02	300	1.2	25

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

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

Chart 12327

NM 18/03

ARTHUR KILL, KILL VAN KULL, NEWARK BAY, PASSAIC AND HACKENSACK RIVERS CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS- REPORT OF JAN 2003 AND SURVEYS TO DEC 2002			
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)			
NAME OF CHANNEL	DEPTH MLLW (FEET)	WIDTH (FEET)	DATE OF SURVEY
ARTHUR KILL (OUTERBRIDGE REACH TO N. OF SHOOTERS I. REACH)	A22.1	800-500	9-01; 3,12-02
KILL VAN KULL (CONSTABLE HOOK REACH TO BERGEN PT. WEST REACH)	36.3	2000-800	10-01; 4-02
S. OF SHOOTERS I. REACH	B5.0	400	8-90
NEWARK BAY (NEWARK BAY S. REACH TO DROYERS PT. REACH)	C18.7	1750-300	12-01
PASSAIC RIVER (KEARNY PT. REACH TO ARLINGTON REACH)	D0.4	300-200	7-02
HACKENSACK RIVER (DROYERS PT. REACH TO TURNING BASIN)	14.1	300-800	7-02

A. A DEPTH OF 34.1 FEET WAS AVAILABLE IN THE MIDDLE HALF.
 B. OBSTRUCTIONS INTERSPERSED IN THE TWO RIGHT QUARTERS.
 THERE IS A MINIMUM DEPTH OF 5.9 FEET OVER WRECKAGE.
 C. A DEPTH OF 21.9 FEET WAS AVAILABLE IN THE MIDDLE HALF,
 EXCEPT FOR SHOALING TO 8.4 FT AT 40° 42' 11.4" N 74° 06' 56.1" W.
 D. A DEPTH OF 4.6 FEET WAS AVAILABLE IN THE MIDDLE HALF.

NOTE 1. SEE LARGE SCALE CHARTS FOR MORE DETAIL OF REACHES.
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS
 SUBSEQUENT TO THE ABOVE

SECTION I

NM 18/03

Chart 12331

NM 18/03

RARITAN BAY, ARTHUR KILL AND RARITAN RIVER TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JAN 2003 AND SURVEYS TO DEC 2002								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
RARITAN BAY WEST REACH	33.4	39.1	39.2	33.9	4,9-01	600	2.4	35
SEGUINE POINT BEND	28.5	35.1	38.4	29.7	9-01	600-800	1.2	35
RED BANK REACH	34.0	40.3	40.5	34.2	9-01	600	1.2	35
WARD POINT BEND (EAST)	31.5	38.7	36.9	27.6	9,12-01	600-800	1.1	35
WARD POINT BEND (WEST)	35.0	35.0	35.0	33.8	9,12-01	600-800	0.8	35
OUTERBRIDGE REACH	34.4	34.7	35.9	35.9	9-01; 3-02	600-800	0.8	35
PORT SOCONY REACH	31.9	35.0	35.6	33.4	3-02	600-800	0.8	35
PORT READING REACH	22.1	35.0	35.2	27.7	3-02	500	1.8	35
FRESH KILLS REACH	29.0	35.2	36.5	33.9	3-02	500	1.8	35
RARITAN RIVER CUTOFF	16.7	19.3	19.3	11.6	3-99	600-1100	1.0	20
WARD POINT SECONDARY CHANNEL	21.3	21.0	20.9	20.6	12-02	400	0.9	30
GREAT BEDS REACH	23.9	25.3	25.1	23.3	6-02	300	0.6	25
SOUTH AMBOY REACH	24.1	24.3	24.5	23.4	6-02	300	1.2	25

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

Chart 12332

NM 18/03

RARITAN BAY, ARTHUR KILL AND RARITAN RIVER TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JAN 2003 AND SURVEYS TO DEC 2002								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
WARD POINT BEND (EAST)	31.5	38.7	36.9	27.6	9,12-01	600-800	1.1	35
WARD POINT BEND (WEST)	35.0	35.0	35.0	33.8	9,12-01	600-800	1.3	35
OUTERBRIDGE REACH	34.4	34.7	35.9	35.9	9-01; 3-02	600	1.6	35
RARITAN RIVER CUTOFF	16.7	19.3	19.3	11.6	3-99	600-1100	1.0	20
WARD POINT SECONDARY CHANNEL	21.3	21.0	20.9	20.6	12-02	400	0.9	30
GREAT BEDS REACH	23.9	25.3	25.1	23.3	6-02	300	0.6	25
SOUTH AMBOY REACH	24.1	24.3	24.5	23.4	6-02	300	1.2	25
SANDY POINT REACH	21.8	18.7	21.3	23.2	6-02	300	0.9	25
KEASBEY REACH	15.7	20.1	22.2	18.9	6-02	300	0.9	25
RED ROOT REACH	13.0	16.5	17.4	13.4	6-02	300	1.5	25
CRAB ISLAND REACH	A15.0	A14.5	A14.5	12.5	9-88	200	1.2	15
NORTHWEST REACH	6.0	7.5	7.5	12.2	7-62	200	1.2	15
TITANIUM REACH	4.1	4.0	1.9	1.6	6-01	300	0.6	25
SOUTH CHANNEL	C2.0	D4.2	B4.2	B2.1	7-62; 3,4-90	150	0.7	15-10

A. SHOALS LOCATED APPROXIMATELY 40°29'01.0"N, 74°21'16.0"W TO 400 YARDS SOUTH; A DEPTH OF 13 FEET FOR A WIDTH OF 200 FEET WAS AVAILABLE TO THE WEST OF THE PROJECT CHANNEL.
 B. POSSIBLE 6 FT OBSTRUCTION LOCATED IN 40°29'34.4"N, 74°19'03.0"W.
 C. POSSIBLE 6 FT OBSTRUCTION LOCATED IN 40°29'35.4"N, 74°19'04.5"W.
 D. POSSIBLE 4 FT OBSTRUCTION LOCATED IN 40°29'37.4"N, 74°19'04.0"W.
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SECTION I

NM 18/03

Chart 12333

NM 18/03

ARTHUR KILL, KILL VAN KULL, NEWARK BAY AND UPPER BAY CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JAN 2003 AND SURVEYS TO DEC 2002								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
FRESH KILLS REACH	29.0	35.2	36.5	33.9	3-02	500	1.8	35
TREMLEY POINT REACH	31.8	37.0	36.2	30.9	3-02	600	0.9	35
PRALLS ISLAND REACH	29.2	34.9	35.6	32.4	3-02	500	1.2	35
GULFPORT REACH	26.3	37.3	37.1	31.9	9-01; 3-02	500-600	1.1	35
ELIZABETHPORT REACH	30.9	35.7	35.6	31.4	9-01	500-600	1.1	35
N OF SHOOTERS ISLAND REACH	30.0	34.1	35.2	32.5	9-01; 12-02	600	1.0	35
S OF SHOOTERS ISLAND REACH	18.6	24.1	14.0	A 5.0	8-90	400	1.0	30
BERGEN PT. WEST REACH	36.8	40.5	41.4	41.6	9-01; 4-02	800	1.1	35
BERGEN PT. EAST REACH	37.4	40.0	40.0	39.5	12-96; 2-97	800	1.0	35
CONSTABLE HOOK REACH	38.5	41.6	41.0	38.3	2-97; 10-01	2000-800	2.2	35
NEWARK BAY SOUTH REACH	40.8	40.8	40.0	32.5	5-99; 12-01	1750-1000	1.4	40
NEWARK BAY MIDDLE REACH	35.0	39.4	36.0	31.4	12-01	1750-500	1.4	40
ELIZABETH CHANNEL	36.4	38.6	39.9	37.3	3-99; 1,2-01	1350-500	1.4	40
PORT NEWARK CHANNEL :								
PORT NEWARK (BRANCH CHANNEL)	32.3	35.5	33.5	32.4	2,12-01	1050-400	0.4	40
PIERHEAD CHANNEL	33.8	35.6	35.0	33.4	1,2-01	300	0.7	40

A. OBSTRUCTIONS INTERSPERSED IN THE TWO RIGHT QUARTERS. THERE IS A MINIMUM DEPTH OF 5.9 FT OVER WRECKAGE.
 * CONTROLLING DEPTHS IN CHANNELS OF RARITAN BAY - EAST REACH TO AND INCLUDING GULFPORT REACH ARE REFERENCED FROM SEAWARD WHEN ENTERING FROM LOWER NEW YORK BAY. CONTROLLING DEPTHS FROM CONSTABLE HOOK TO AND INCLUDING ELIZABETHPORT REACH ARE REFERENCED FROM SEAWARD WHEN ENTERING FROM UPPER NEW YORK BAY.
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 12337

NM 18/03

NEWARK BAY, PASSAIC AND HACKENSACK RIVERS CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2002 AND SURVEYS TO JUL 2002								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
NEWARK BAY MIDDLE REACH	35.0	39.4	36.0	31.4	12-01	1750-500	1.4	40
NEWARK BAY NORTH REACH	33.3	33.7	21.9	A18.7	12-01	900-500	1.1	35
TURNING BASIN	23.8	24.9	21.9	A18.7	12-01	900	0.26	35
PASSAIC RIVER:								
KEARNY PT REACH	15.7	18.2	17.2	13.4	7-02	300	1.1	30
POINT NO POINT REACH	2.1	7.2	14.6	9.0	7-02	300	1.1	30
HARRISON REACH	B2.9	4.6	5.5	1.2	7-02	300	1.9	20
NEWARK REACH	0.7	9.5	11.0	C0.7	7-02	300	1.3	20
KEARNY REACH	3.4	8.3	7.9	D0.4	7-02	300	0.9	20
ARLINGTON REACH	2.7	10.9	9.7	E3.1	7-02	200	0.9	16
BELLEVILLE REACH	0.1	0.4	8.0	9.9	6-92 H	150	1.4	10
NUTLEY REACH	2.6	9.2	7.4	3.5	11-89 H	150	1.7	10
RUTHERFORD REACH	1.7	5.1	3.8	3.7	11-89 H	150	2.2	10
WALLINGTON REACH	F2.2	1.5	1.9	G1.1	11-89 H	150	0.9	10
HACKENSACK RIVER:								
DROYERS POINT REACH	25.4	27.5	25.5	18.9	7-02	300-400	1.5	30
MARION REACH	28.2	28.4	25.5	16.7	7-02	300	1.8	30
TURNING BASIN	14.1	23.0	28.0	21.1	7-02	300-800	0.2	25
PORT NEWARK CHANNEL:								
BRANCH CHANNEL	32.3	35.5	33.5	32.4	2,12-01	1050-400	0.4	40
INSHORE CHANNEL	36.3	34.6	30.1	28.7	1,2-01	400	1.1	35
PIERHEAD CHANNEL	33.8	35.6	35.0	33.4	1,2-01	300	0.7	40

A. EXCEPT FOR A SHOAL TO 7.7 FT AT 40° 42' 11.4" N 74° 06' 56.1" W ALONG THE RIGHT OUTSIDE QUARTER OF THE REACH.
 B. EXCEPT FOR SHOALS, BARE AT M.L.L.W., FROM 40° 44' 26" N 74° 08' 18" W TO 40° 44' 23" N 74° 08' 26" W
 C. EXCEPT FOR SHOALS, BARE AT M.L.L.W., FROM 40° 44' 03" N 74° 09' 24" W TO 40° 44' 04" N 74° 09' 31" W AND 40° 44' 07" N 74° 09' 36" W TO 40° 44' 09" N 74° 09' 39" W
 D. EXCEPT FOR A SHOAL TO BARE FROM 40° 45' 06.0" N 74° 09' 52.0" W TO 40° 45' 12.0" N 74° 09' 51.0" W AND 40° 45' 38" N 74° 09' 43" W TO 40° 45' 31" N 74° 09' 47" W
 E. EXCEPT FOR A SHOAL TO BARE FROM 40° 45' 56" N 74° 09' 27" W TO 40° 45' 59" N 74° 09' 25" W
 F. A SHOAL BARE AT M.L.L.W. EXTENDS ACROSS THE LEFT OUTSIDE QUARTER ABOUT 370 YARDS DOWNSTREAM OF THE EIGHTH STREET BRIDGE.
 G. A SHOAL BARE AT M.L.L.W. EXTENDS ACROSS THE RIGHT OUTSIDE QUARTER ABOUT 300 YARDS NORTH OF THE MAIN ST. BRIDGE AND SHOALING TO 0.3 FEET 175 FEET WEST OF THE SECOND ST. BRIDGE.
 H. THE CORPS OF ENGINEERS HAS CONFIRMED THAT THIS REACH IS NOT ACTIVELY MAINTAINED.
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 74545

NM 18/03

SHELLFISH BEDS

Shellfish culture activities occur within this area. The area may be used for navigation, but seabed activities are prohibited.

Chart 74560

NM 18/03

SHELLFISH BEDS

Shellfish culture activities occur within this area. The area may be used for navigation, but seabed activities are prohibited.

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/02 THROUGH NM 18/03**

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	11313	22	31/02	11383	49	19*,22,27,30,32/02;9,18/03	11504	15	12/03
20	3	18/03	11314	22	17/03*	11384	32	18,22,30,32/02;9/03	11505	1	16,18,26,28,31,34,40,49/02;1,4,5,11/03
22	1	18/03	11315	30	37/02*	11385	25	23/02*	11506	40	10/03*
50	5	17/02	11316	39	17/03*	11388	16	17/02	11507	31	9*,12/03
52	1	18/02	11317	29	20*,21,25,37,40,49/02;16/03	11389	32	18,23,28,33,37/02;2,7/03	11508	21	10/03*
53	2	17/02	11318	1	N21,N29,N46/02;N6/03	11390	22	23*,27,33,34,37/02;7/03	11509	27	20/02;1,11/03
70	4	7/03	11319	31	17/03*	11391	22	18,23,33,34/02;7/03	11510	18	34/02
71	4	7/03	11320	1	N28/02	11392	6	34/02	11511	16	11/03
72	4	7/03	11321	29	22,28,39,40,41,45/02	11393	20	18/02	11512	59	10*,11,15/03
101	3	48/02	11322	27	21,22,24,36,37,49/02;4/03	11400	34	23,39/02;4,9,11,12,13/03	11513	23	18,32,49/02;1/03
103	5	16/03	11323	59	26*,28,33,37,39,45/02;1,6,7,9/03	11401	29	23/02	11514	26	37*,40,49/02;4,5,15/03
108	9	32,35/02	11324	32	22*,24,25,31,33,37/02;1,6,7,9,10,16/03	11404	21	15,23,50/02;9/03	11516	29	18,24,37,49/02
124	10	18/03	11325	34	19*,21,24,35,37,49/02;4,6,8,16/03	11405	28	31/02*-9/03	11517	17	32/02
301	1	14/03	11326	31	7*,9,16/03	11406	11	9/03	11518	33	14/03*
302	1	2/03	11327	30	16,21,22,24,28,37,49/02;1,16/03	11407	18	15/02*	11520	40	31*,39,40,44,46,51/02;4,6,7,8/03
310	20	2,14/03	11328	22	21,36,37,39,47,49/02;4,6,16/03	11408	28	3/03*	11521	26	15*,17,32,35/02;9/03
400	3	23,26,31,32,33,35,45/02	11329	34	21,24,36,37,39,47,49/02;1,4,8,10,16/03	11409	27	4,11/03	11523	21	15*,17,32,35,52/02;5,9/03
401	5	22,23,26,31,33,35,45/02;14/03	11330	14	2*,4,6,7,8,17/03	11411	14	43*,45/02;7/03	11524	46	8*,11,12,13,15,17/03
411	48	16,22,23,26,31,32,33,35,40,42,45,50/02;5,6,14/03	11331	18	17,23/02;8/03	11412	41	42*,45/02;1,6,7,11,12,13,14/03	11525	6	N17,N19,N23,N39,N40,N44,N46,N51/02;N4,N6,N8/03
501	12	9*,10,18/03	11332	28	42*,43,49,51/02;6,17/03	11420	26	20,39,42/02;4,7,8,15/03	11527	16	37/02
502	2	52/02	11333	1	N28/02	11423	7	N20,N24,N39,N42/02;N4,N8,N15/03	11531	21	31/02*-11/03
507	2	45/02	11334	1	N28/02	11424	18	14/03	11532	20	15*,37/02
508	2	15,24,45/02	11335	24	28,29,39,40,42,45,47,51/02;6,7/03	11425	34	46*,49/02;4/03	11533	32	17/03*
513	6	17,38/02	11336	67	2*,5,6,7,8,9,14,17,18/03	11426	35	31/02*	11535	12	25,46/02
520	127	20,38/02	11337	39	14*,17/03	11427	33	2/03*	11536	15	19*,40/02;4,7/03
521	11	17/02	11338	51	17,21,23,24,30,37,43,49/02;4,8,17/03	11428	32	52/02*-6/03	11537	33	17,20,23,31,32,33,39,40,42,44,50/02;4,5,7,10,13,18/03
522	87	18/02	11339	36	17,21,23,37,40,49/02;4,8,17/03	11429	21	47/02*	11539	18	39,44,51/02;6/03
523	8	17/02	11340	35	9/03*	11430	25	17/03*	11541	33	8*,9,14/03
524	12	18,47/02	11341	31	9/03*	11431	12	31/02*	11542	15	39/02
525	3	18/02	11342	33	42*,43,47,49/02;4,6,7,8/03	11432	24	21/02*-15/03	11543	22	18,29,39/02;8/03
526	10	18,47/02;6/03	11343	19	23/02;6,7/03	11433	11	7,8/03	11544	37	36/02*-8/03
530	30	22*,26,37,38,40,52/02;6,10,18/03	11344	40	38*,42,51/02	11434	25	15/02*-6,7,15/03	11545	60	45*,47/02;6,8,14/03
531	21	18*,47,52/02	11345	24	15/02*	11435	39	36/02;6,7,15/03	11546	35	22*,25,29,30,37,47/02;6,8,14/03
532	17	17,38/02	11346	37	15,16,19,22,27,28,30,33,36,37,38,40,47,51/02;5,6,7,8/03	11436	30	7,15/03	11547	35	22*,25,29,30,37,47/02;6,8,14/03
540	16	51/02;16/03	11347	36	3*,7,8,9/03	11437	35	38/02*	11548	38	47/02*
541	2	6/03	11348	2	21*,24,25,26,35,38,43,45,49/02;4,5,7,18/03	11438	14	7/03	11550	28	17/03*
550	7	18,24,45/02;6/03	11349	23	15,16,19,22,27,28,33,37,38,40,47,51/02;7,8/03	11439	8	26*,28/02;15/03	11553	28	8/03*
601	4	6,8/03	11350	34	37*,40,51/02	11440	16	7/03	11555	38	36/02*-7/03
602	6	47/02;6/03	11351	24	28,29,39,40,42,45,47,51/02;6,7/03	11441	20	22,28,43/02;7,9/03	12200	47	38*,42,52/02;7,12,18/03
603	6	47/02;10/03	11352	35	36*,37,40,42,51/02;6,9/03	11442	31	31/02*	12201	25	N15,N17,N19,N23,N42,N52/02;N7,N12,N18/03
604	5	18/02	11353	2	21*,24,25,26,35,38,43,45,49/02;4,5,7,18/03	11443	16	7/03	12204	35	10/03*
605	4	6/03	11354	23	15,16,19,22,27,28,33,37,38,40,47,51/02;7,8/03	11444	38	36*,50/02;6,13,15/03	12205	27	37*,43,52/02;18/03
606	1	17/03	11355	24	37*,40,51/02	11445	5	28/02;7,15/03	12206	29	31*,33,38,46/02;10/03
607	1	17/03	11356	34	28,29,39,40,42,45,47,51/02;6,7/03	11446	16	7/03	12207	20	23,50,52/02;18/03
621	5	22/02	11357	35	36*,37,40,42,51/02;6,9/03	11447	16	28/02;7/03	12208	8	18,23,50,52/02;18/03
622	9	20,47/02;6/03	11358	51	23*,24,26,27,31,39,42,51/02;7/03	11448	36	52/02*	12210	36	8/03*
623	9	47/02	11359	11	22*,26,39/02	11449	16	7/03	12211	41	10/03*
624	3	22/02	11360	40	1*,2,5,6,8/03	11450	8	26*,28/02;15/03	12214	44	14/03*
632	8	15,24,45/02	11361	69	16,17,19,22,24,25,26,27,31,34,36,45,51/02;6/03	11451	30	22,28,43/02;7,9/03	12216	27	47/02*
702	5	7/03	11362	4	N16,N17,N18,N22,N23,N24,N28,N29,N31,N33,N36,N39,N40,N47/02;N2,N5,N6,N8/03	11452	21	31/02*	12221	73	52/02*-1,4,6,7,18/03
703	4	46/02;7/03	11363	38	26*,29,35,38,40,43,49,51/02;4,5,7,18/03	11453	16	7/03	12222	43	14*,18/03
705	3	46,52/02	11364	39	3*,4,5,8,9,18/03	11454	38	36*,50/02;6,13,15/03	12224	23	8/03*
709	2	50/02	11365	17	52/02*-9/03	11455	16	16,27,51/02;13/03	12225	53	28*,30,31,47/02;4,6,7,17/03
800	4	17/02	11366	7	48*,51/02;5,6,7,8/03	11456	19	16/02;6/03	12230	59	52/02*-1,7,14/03
803	1	17/02	11367	31	16,17,25,33/02	11457	16	16,27,51/02;13/03	12231	26	31,35,46/02;7/03
1113A	20	39,42/02;4,7,8,15/03	11368	22	38/02*	11458	19	16/02;6/03	12233	35	3*,4,5,6,14/03
1114A	23	39/02;4,9,11,12,13/03	11369	44	9*,18/03	11459	6	N16/02	12235	29	30,31,47/02;4,6,7,17/03
1115A	1*	2,5,6,8/03	11370	23	17,31,33,40,51/02;9/03	11478	19	15,16,31,49/02;6/03	12237	26	27,47/02;17/03
1116A	2*	5,6,7,8,9,14,17,18/03	11371	35	7/03	11479	4	N15,N24,N27,N28,N29,N35,N50/02;N6/03	12238	37	46/02*-1,4,7/03
1117A	28*	30,31,37,39,40,41,42,45,51/02;1,6,7,8/03	11372	30	2*,7,8,10/03	11480	37	32,35/02;1,17/03	12241	21	16,34,44/02;7/03
11004	7	15,16,18,22,26,28,31,37,39,40,42,43,45,47,51/02;5,6,7,8,9,14,18/03	11373	42	31*,33,37,40,41,42,45,49/02;7,9/03	11481	4	42*,49/02;6,12,13/03	12245	61	14*,15,18/03
11006	30	28*,36,39,40/02;2,6/03	11374	31	45*,49,50/02;1,2,7,8,9/03	11482	21	15,16/02	12248	39	18*,30,33,40,50/02;4,5,6,8,15/03
11009	36	19,23,24,32,35,44,51/02;6,12/03	11375	35	1*,2,5,7,9/03	11483	32	15,34/02;13/03	12251	23	35/02;4,6,7,15/03
11013	44	18*,20,35,50/02;6,7,8,9,13,16/03	11376	48	15,16,21,22,23,25,27,29,31,40,43,50/02;2,7/03	11484	24	7,17/03	12252	23	33,34/02;4,7,10,15,17/03
11300	38	26*,28,30,31,37,39,40,41,42,45,51/02;1,6,7,8/03	11377	4	26*,40,50/02;2/03	11485	34	8*,12/03	12253	42	33,38,42,46,50/02;10,13/03
11301	23	21,37/02;16/03	11378	32	11*,12,18/03	11489	33	18,22,28,29,30,34,37,38/02;12/03	12254	43	38*,43,44/02
11302	29	34*,37/02;16/03	11379	35	1*,2,5,7,9/03	11491	9	N24,N39/02;N12/03	12255	15	44/02
11305	1	N21,N26,N29,N36,N46/02;N1,N6,N7/03	11380	48	15,16,21,22,23,25,27,29,31,40,43,50/02;2,7/03	11492	8	N24,N39/02	12256	13	19*,33,44/02
11307	36	28,31/02	11381	4	26*,40,50/02;2/03	11493	16	19/02*	12261	28	37*,44/02;7,18/03
11308	22	3*,7,10/03	11382	39	46/02*-9/03	11494	9	N32,N35/02;N1,N17/03	12263	51	38/02*-7,18/03
11309	36	21,26,28,36,46/02;1,6,7/03				11498	16	19/02*	12264	28	38/02*-7/03
11310	1	N21,N46/02				11499	28	14,17/03	12266	27	30/02
11311	23	15*,21,46/02				11502	18	14,17/03	12267	10	22/02*
11312	3	21,26,28,36,46/02;1,6,7/03				11503	39	38*,39,43/02;12,14,17/03	12270	32	9*,18/03

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/02 THROUGH NM 18/03

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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.
12272	29	26*,27,36,45/02;13,16/03	13218	38	29,42,45,51/02;5/03	14203	12	19/02	14901	14	52/02*;5/03
12273	53	26*,31,36,45,50/02;5,15,17/03	13221	53	15,29,44,51/02;2,5,7/03	14204	21	19/02	14902	28	24,25,31/02;4/03
12274	33	37*,50/02;5,15,17/03	13223	36	15,52/02;2/03	14206	20	19/02	14903	22	23,32/02
12277	31	26*,50/02;8/03	13224	36	44/02;5/03	14208	28	40/02	14904	25	17,31,32,46/02
12278	72	26*,36,45/02	13226	5	44/02;6,7/03	14221	26	40,46/02	14905	29	31,35,37/02;5,03
12280	3	37*,43,45,46,47,50,52/02;1,6,7,18/03	13227	13	7/03	14222	16	46/02	14906	23	5/03
12281	49	15/02;12/03	13228	11	51,52/02	14223	18	3,16/03	14907	25	17/02
12282	33	31*,44/02;7,8,18/03	13229	27	17,39,42,45,52/02;1,7/03	14225	17	38/02;16/03	14910	23	17/03*
12283	24	8,18/03	13230	46	2*,7/03	14226	32	40/02;6/03	14911	20	4/03
12284	15	7/03	13232	4	39,42/02	14227	28	40/02;6/03	14916	10	45/02*;17/03
12285	35	11*,14/03	13233	16	17/02;10/03	14228	11	40/02;6/03	14917	23	17/02;3/03
12286	29	2*,4,6/03	13235	5	17/02	14240	6	16,34/02;1/03	14918	26	25/02;17/03
12288	19	27/02	13236	29	45/02;1,7/03	14242	13	34/02	14919	27	24/02
12289	48	10/03*	13237	38	17,42,48/02;7,10/03	14243	8	19,34/02	14922	19	26*,51/02;9/03
12300	42	17,18,19,28,29,37,39,42,45/02;5,17/03	13241	15	21*,34,42/02	14244	5	19/02;16/03	14924	27	28*,32/02;5/03
12301	21	N20*,N28,N29,N37,N39,N42,N45/02;N5,N17/03	13244	39	22*,48/02;7/03	14260	47	35/02	14926	9	18,31,32,35,37/02
12304	42	28*,42,52/02	13246	36	26,27/02;8/03	14280	37	35/02	14927	24	21*,31,32,35,37/02
12311	41	15,18,28,31,42,50,52/02;8/03	13253	18	3*,8/03	14310	2	52/02;12/03	14928	21	4/03*
12312	52	10*,15/03	13260	38	28*,36,43,48,49,50/02;1,7,9,18/03	14340	25	16,17,26,33,37,40,52/02;12/03	14929	24	14/03*
12313	48	18,21,27,31,33,43,52/02	13263	7	N20,N21,N25,N27,N36,N43,N48,N49/02;N1,N7,N9,N18/03	14341	5	12/03	14930	24	45/02
12314	30	46*,50/02;5/03	13264	103	21,36,49/02;9/03	14342	20	52/02	14931	24	35/02*
12316	29	2*,6/03	13267	30	17,19,27,52/02;1,7,9/03	14344	2	37,40/02	14932	22	32/02;9/03
12317	31	15*,26,37,50/02	13270	59	17,19,33,34,40,43/02;1,2,7,12/03	14345	5	37,40/02;12/03	14933	24	35*,37/02
12318	41	9/03*	13272	47	19,28,40/02;8/03	14349	7	16/02	14934	27	17/03*
12323	23	19,40/02;4/03	13274	24	17,19,27,45,52/02;1,2,16/03	14357	16	16/02	14935	21	17/02
12324	30	2*,8/03	13275	27	17,19,27,45,52/02;1,2,7,16/03	14358	16	N52/02	14937	24	52/02*;2,17/03
12326	48	17,18,27,28/02;4,8,17/03	13276	21	19,27,52/02	14358	36	N17,N36/02	14942	25	35/02
12327	96	1*,2,8,12,13,14,16,18/03	13278	25	1,9/03	14360	36	16,26,33,36/02	14963	20	51/02
12331	30	8*,13,14,18/03	13279	29	1/03	14386	3	36/02	14965	21	11/03*
12332	21	15,22,43,46/02;13,18/03	13282	10	12/03	14415	4	33/02	14966	25	14/03*
12333	32	46*,47/02;5,12,16,18/03	13283	18	1,9/03	14500	27	52/02*	14967	22	5/03
12334	65	10*,12,16/03	13286	29	39*,40,50/02;1,9/03	14769	17	N31/02*	14970	25	40,46,51/02
12335	39	1,8/03	13288	40	15*,20,23,29,36,43,50,51/02	14772	17	15/02	14972	25	21/02
12337	22	15,20,28,31,45/02;13,18/03	13290	34	20,36,40,43,50,51/02;7,16/03	14773	16	15,19/02	14973	27	15/03*
12341	25	22/02*	13292	36	20*,36,40/02;7,16/03	14774	16	15/03	14974	24	32/02
12343	18	37/02*;7/03	13293	33	26*,29,43,51/02;14/03	14775	16	N31/02*	14975	33	52/02*
12345	10	42/02*	13295	11	2*,14/03	14776	16	N31/02*	14984	9	18/02*
12347	29	25/02	13296	25	43/02	14777	24	N31/02*	14995	11	52/02*
12348	33	25/02	13298	10	43,52/02	14782	24	21,22/02	15313	1	15/03
12350	57	39*,49/02	13301	20	25,33,51/02	14785	16	22/02	15562		N41/02;N16/03
12352	29	34/02;17/03	13302	21	20,25,41/02;2,7,9/03	14786	13	24/02	15585		N14/03
12354	39	22,28,33,37,45/02;2,6,7,10/03	13303	12	48/02*;7,9/03	14800	9	19,23/02	15744		N30/02
12358	19	46*,49/02;1,7,10/03	13305	28	25,40,41,49/02;2,7,9/03	14803	26	5/03	15880		N41/02
12362	16	49/02	13308	11	40/02	14804	24	20/02*;5/03	15954		N47/02*
12363	39	18,28,44/02;6/03	13309	28	42/02*;9/03	14810	4	19/02	16003	16	18/02*;13/03
12364	33	20*,22,28,44,47,49,51/02;4,6/03	13312	21	10/03*	14812	3	19/02	16004	11	13,17/03
12365	26	18/02;6/03	13313	19	21,25,41,49,52/02;6,9/03	14813	21	2/03*	16006	33	6/03
12366	27	51/02	13315	11	19*,49/02	14816	23	5/03	16011	35	38/02;8/03
12367	23	18/02	13318	18	38*,41,52/02;5,6/03	14820	19	11/03*	16012	21	38/02
12368	26	42/02*	13322	9	19/02*	14822	31	10/03*	16013	28	17,22,29,52/02
12369	25	31*,44/02	13323	7	5/03	14823	30	1/03*	16042	7	39/02*
12370	18	39/02*	13324	13	41,52/02;2/03	14824	25	24/02	16061	8	19*,27,37,49/02;13,17/03
12371	22	28,47/02;6,13/03	13325	14	2/03	14826	27	4/03*	16300	8	52/02;3,8/03
12372	31	45*,47,48/02;2,5,6/03	13326	12	41,43/02	14829	5	21/02	16305	9	8/03
12373	14	2/03	13329	2	6/03	14830	29	18,23,39,51/02;2/03	16322	7	8/03
12375	21	22/02	13394	3	39/02*;9/03	14832	34	52/02*	16363	12	38/02*
12377	14	22,25,37/02	13396	4	9/03	14835	31	39/02	16380	13	17/02
12378	14	2,13/03	13398	3	19*,36/02	14836	27	42/02*	16381	8	8/03
12401	7	31*,47/02;2,13/03	14002	57	21/02	14837	27	26/02*;3/03	16382	10	17/02
12402	8	31*,33,47/02;13/03	14003	6	16,25,48,49/02;5,9,12/03	14838	3	52/02*	16435	5	27/02
13000		N21,N25,N48,N49/02	14004	44	6/03	14839	36	9/03*	16440	13	37/02
13003	46	9*,12,18/03	14061	27	6,9/03	14842	12	18,23,39/02;2,4/03	16441	7	37/02
13006	30	39*,44,48,49,50/02;1,5,9,17,18/03	14066	19	6/03	14843	22	23,39,51/02	16442	6	37/02
13009	30	42*,48,49/02;1,9,18/03	14067	11	6/03	14844	31	18/02;4/03	16480	10	38/02
13200	33	25,37,48/02;7,9,18/03	14083	30	33/02	14845	26	18/02;4/03	16500	9	9/03
13201	10	N25,N37,N48/02;N9,N18/03	14087	58	33/02	14846	11	18,23,24,39,40/02;2/03	16520	21	2/03
13203	12	37/02	14088	10	41/02*	14847	30	24,40/02	16521	5	27/02
13205	36	37,42,45,48/02;1,5/03	14089	29	41/02*	14848	56	23,24,31/02;9,17/03	16528	16	9/03
13209	23	37/02	14090	2	33/02	14850	51	21*,23/02;7/03	16529	14	50/02;9/03
13211	13	21,23,47/02	14091	6	41/02*	14852	44	20,23,25,26,37/02;7/03	16530	6	50/02
13212	35	9*,13/03	14111	7	14/03	14853	13	21*,23,24,25,26,31,37/02;7,9,17/03	16531	7	18/02*
13213	40	14/03*	14144	29	21/02	14854	13	24/02;17/03	16535	12	2/03
13214	27	34*,45,48/02;5/03	14151	2	37/02	14860	35	21,24/02	16549	14	4,16/03
13215	17	45,48/02;1,5/03	14180	38	21/02	14862	28	26/02*	16553	3	17/03
13216	1	N48/02				14863	30	24/02	16556	4	8/03*
						14864	26	24,37/02	16560	10	17/02
						14865	16	4/03	16568	12	39/02*
						14866	16	4/03	16575	1	39/02
						14867	25	32/02	16576	3	42/02;6/03
						14871	2	21/02	16580	11	39/02
						14872	3	21/02	16590	10	38/02*
						14873	2	35/02	16592	9	16/03
						14880	30	33/02;4/03	16593	11	14/03*
						14881	31	28*,33/02	16594	13	2/03
						14883	42	17,23/02	16595	14	2/03
						14885	20	51/02	16596	12	39/02*

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/02 THROUGH NM 18/03**

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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.
16597	8	16,43/02	17521		N15/03	18502	84	30*,32,39,42,49/02;9/03	18768	4	N25,N45,N50/02;N12/03
16598	9	43/02	17522		N15/03	18504	64	18,52/02;12/03	18769	2	N20/02
16599	6	16,43/02	17523		N15/03	18520	24	33,39/02	18772	46	20,25,50/02;12/03
16603	7	42/02;6/03	17524		N12,N15/03	18521	69	34*,39,49/02;4,10,12/03	18773	38	18,20,23,25,50/02;10,12,13/03
16604	11	22/02*	17525		N15/03	18523	53	15,25,26,33/02;4,12/03	18774	10	35/02*;10,16/03
16606	11	37/02*	17526		N15/03	18524	33	18*,26,28,31,33/02;4,6,10/03	18775	2	N20/02
16608	3	6/03	17528		N43/02;N6,N12/03	18525	33	15,28,31,33/02;4,9/03	19002	9	N23,N25,N37,N51/02;N16/03
16646	12	8/03	17541	3	43/02	18526	55	15,16,28,31,33/02;4,18/03	19004	36	23,25,35,37,51/02
16660	28	22,25,29,42/02;6,16/03	17542	6	47/02	18527	21	16,31/02	19007	16	51/02;16/03
16662	6	22,29/02	17543	17	41/02	18528	10	52/02*;18/03	19008	4	16/03
16663	6	22,25,29,42/02;6,16/03	17545	13	43,47/02	18529	10	52/02*	19009	4	16/03
16665	7	22,25,29,42/02;6,16/03	17546	22	42,43,47/02	18531	20	26,31,34/02;9,10/03	19010	17	45*,51/02
16680	10	6/03	17548	28	16/03	18532	20	10/03	19013	16	25,51/02
16681	10	37/02*	17549	6	47/02;15/03	18541	8	21/02*	19320	16	23,27,35,37,51/02;5,16/03
16682	15	8*,17/03	17550	4	15,42,43,P44,45,47,48,52/02	18548	5	8/03*	19324	22	27,35/02;5/03
16683	9	3,6,17/03	18000	8	45/02;6,10/03	18558	37	19*,39/02	19327	10	23/02
16700	27	21*,49,52/02;9,16/03	18002	6	N45/02;N2,N6,N10/03	18561	11	33,39/02;10/03	19339	1	N25,N35,N49,N51/02;N5,N13/03
16701	18	21*,52/02;9/03	18003	18	26,33,38,39,40,P44,45,47,48,52/02	18580	21	26,33,38,39/02	19340	26	25,35,49,51/02;5,13/03
16702	10	38,52/02;1,9,13/03	18005	4	N20,N34/02;N6,N10,N13/03	18581	17	49/02*;4/03	19347	17	25/02
16705	19	49/02;16/03	18006	3	N6/03	18583	38	31,33,42,49/02;12/03	19350	11	27/02
16707	10	34,37/02;16/03	18007	31	20,26,33,34,37,38,39,40,47,52/02;18/03	18584	47	30,39,49/02;4,6/03	19351	9	25/02
16708	25	37,49/02;16/03	18008	7	N20,N26,N33,N34,N37,N38,N39,N40,N47,N52/02;N18/03	18587	68	25,30,33,39,42/02;4,6,9,10/03	19357	22	42*,49,51/02;5,13/03
16709	22	15*,49/02	18009	2	N34/02;N6,N13/03	18600	14	15*,33,37,38,40/02	19358	20	28/02*
16711	2	15/02*	18010	20	33,34,37,38,39,40/02;6,13/03	18601	13	10/03	19359	10	12,16/03
16712	1	16/03	18020	36	20,34,37,45/02;6,10,13/03	18602	11	26,32,33/02;10/03	19360	1	N37,N51/02
16713	2	49/02	18022	33	23,34,37,45/02;6,10,13/03	18603	16	9*,10/03	19362	12	49/02
16741	9	46/02	18400	43	2*,6,16,18/03	18620	23	35/02*	19366	36	31,49/02;5/03
16760	10	51/02	18403	21	6/03	18622	52	26,28,49/02	19367	37	22,31,49/02;10/03
16762	9	26/02*	18405	12	43/02;16/03	18623	11	34/02	19369	5	22,31,49/02;10/03
17003	4	47,52/02	18406	5	16/03	18626	15	37/02;10/03	19379	1	N25,N51/02;N5,N13/03
17005	10	41,45,47,52/02	18411	20	5/03	18640	24	15,24/02	19380	14	25,51/02;5,13/03
17008	12	43/02	18415	8	42/02;7/03	18643	16	24,49/02	19381	8	25,49,51/02
17300	30	52/02*	18416	6	P44,48/02	18645	24	15,19,50/02	19383	17	49/02;5/03
17302	18	21*,51/02	18418	6	15/03	18647	15	2/03*	19385	7	20/02*
17303	9	15,37/02	18419	11	47/02;12/03	18649	62	15,19,20,23,33,36,38,41/02;4,6/03	19387	9	N25/02
17315	23	2*,16/03	18421	45	2*,18/03	18650	51	28*,33,38,41/02;4/03	19401	8	10/03*
17316	20	28/02*;3/03	18423	33	1*,5,7,9,15,18/03	18651	42	15/03*	19402	6	9/03*
17320	15	15/02;13/03	18424	25	7/03	18652	31	18,19,20,23,26,27,30,33,38,41,49/02;4,6,7,12,16/03	19421	7	8/03*
17322	10	13/03	18427	21	35/02*;7/03	18653	9	15,19,36,38,41/02;4,6/03	19442	5	14/03*
17327	20	5/03	18428	9	19/02*	18654	42	28*,38,49/02;12,16/03	19461	7	10/03*
17330	7	15/02	18429	9	3/03*	18655	58	19,49/02;12,16/03	19483	6	11/03*
17360	32	44/02;1,6,8,11,12/03	18430	7	28/02*;6,7/03	18656	52	19,23,26,27,30/02;4,7,16/03	21005	5	45/02;2/03
17379	1	15*,20/02	18431	6	2/03*	18658	29	23,26,27/02;4/03	21008	62	39,42,43,50/02;1,2/03
17382	14	44/02;1,6,8,11,12/03	18432	5	14/03*	18659	14	26,30,49/02;7,16/03	21011	5	2/03
17383	1	31*,49/02;8/03	18433	5	2/03*	18660	1	30,49/02;7,16/03	21014	72	42,50,52/02;2,3,4/03
17384	7	44/02	18434	4	15,26,P44,48/02;6,9/03	18661	27	15*,16/03	21017	50	23,41,50/02;4,5,6,9/03
17385	14	14/03*	18440	26	3*,15,18/03	18662	20	30/02;7/03	21020	42	23,41/02;5,6,7/03
17400	16	15,36/02;10,12/03	18441	12	30*,32,39/02;6,7,9,15,18/03	18663	5	14/03*	21021	3	45/02;13/03
17401	10	1/03	18443	15	17,39/02;6/03	18666	1	26/02	21023	41	34/02;7,8,9/03
17402	10	46/02*	18444	15	17,39/02	18680	30	15/02;6,13/03	21033	46	20,32/02;1,16/03
17405	14	12/03	18445	29	15,17,22,28,32,33,39/02;6,7,9,10,15,18/03	18685	31	25/02;6,12/03	21036	7	1,16/03
17409	10	39/02*	18446	15	6,7,9,10,15,18/03	18687	13	8/03*	21120	27	47,50,51,52/02
17413	2	43,50/02;10/03	18447	26	27,52/02;6,7,10,18/03	18700	21	34,36,37/02;4,6,10,13/03	21121	18	47/02
17414	3	41/02	18448	32	15,17,33/02;10,15/03	18703	24	36,37/02;4/03	21122	5	47/02
17416	3	10,14/03	18449	17	15,17/02;7/03	18704	12	37/02	21125	13	51,52/02
17420	26	36,37,42,43,50/02;1,10,12,14/03	18450	17	9/03*	18720	31	23,35/02;4,6,10,12/03	21126	1	50/02
17422	8	52/02*	18452	16	17/02	18721	11	35/02;6,10/03	21140	1	45,50/02;12/03
17425	6	18/02*	18453	24	14/03*	18723	3	6/03	21141	23	48/02
17426	13	37/02;1,16/03	18455	2	N17,N22,N39/02;N15/03	18725	26	23,35/02;4,6,12/03	21160	1	45/02
17427	7	16/02	18457	9	15/02	18726	39	16,20,23,34,37,45,50/02;5,6,12/03	21161	19	43,48/02
17428	7	5/03	18458	14	17,22,32,39/02;9,15/03	18741	18	N25,N45,N50/02;N12/03	21180	1	2,7/03
17429	2	N38/02*	18459	5	N17,N22,N32,N39/02;N9,N15/03	18744	30	37/02	21182	34	39/02
17430	10	5/03	18460	11	2*,6,7/03	18746	34	20,23,34/02;5,13/03	21200	1	2/03
17434	11	5/03	18464	22	32/02;7,15/03	18749	38	16,18,20,23,25,27,40/02;5,6,16/03	21301	13	3,12/03
17437	8	16/02	18465	35	2*,15/03	18751	42	16,20,25,27,40/02;5,6,16/03	21342	28	41,44/02
17438	12	16,50/02;10,14,15/03	18468	17	7/03	18754	16	36/02	21384	3	23/02;6/03
17441	7	10,15/03	18471	8	32/02;7,15/03	18757	10	13/03	21401	20	7/03
17443	12	10/03	18473	7	4*,18/03	18758	6	35/02*;16/03	21441	27	34,44/02
17445	2	16/02;10,14/03	18474	7	45/02*;7,10,15/03	18760	6	N16,N23,N34,N35,N45,N50/02;N6/03	21478	3	9,16/03
17446		N10/03	18476	4	17,22,32,39/02;7,9/03	18761	2	N20/02	21510	1	9,16/03
17460		N5/03	18477	5	7/03	18762	15	20/02	21563	3	45/02
17465	4	6,12/03	18480	29	2*,6,7/03	18763	9	20/02	21602	1	28/02
17471		N15/02;N6/03	18484	10	28,40/02;15/03	18765	15	18*,25,45,50/02;12/03	21603	9	5/03
17472	4	5,14/03	18485	15	2*,10/03	18766	7	25,45,50/02;12/03	21605	7	19/02
17480	4	15,43/02;5,10/03	18500	28	19*,22,32,39/02;12/03				21661	12	6/03
17482		N7,N14/03							22004	38	18,20,23,30,32,34,36,39,41,43,52/02;16/03
17485	4	16/02							22008	35	18,30,34,36,39,41,43,44,48,52/02;6,14,17/03
17489	19	43/02							22012	31	16,30,34/02;6/03
17495	2	43/02							22036	28	18,47/02
17503	4	43/02							22050	4	19/02;12/03
17513		N42,N43/02;N15/03							22051	18	28/02
17515	7	6,15,16/03									
17517	8	6,15,16/03									
17518	7	P44,48/02;16,18/03									
17519	13	16/03									
17520	2	N6,N16/03									

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/02 THROUGH NM 18/03

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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.
22052	6	28,46/02	22425	2	44,46/02	24271	14	17/03	25664	15	17/03
22080	3	20,32/02	22427	1	N43,N44,N46,N50/02; N11/03	24274	2	17/03	25666	17	17/03
22082	4	17,19/02;13/03				24290	3	36,43/02	25667	20	15/03
22083	5	19/02	22429		N24,N46/02;N10,N14, N17/03	24291	4	36/02	25668	18	15*,16,48/02;13/03
22084	4	42/02				24292	4	36/02	25670	41	26,38,48,49/02;4,5,13/03
22090	2	30,32,43/02;4,17/03	22433	3	39,47/02;11,14/03	24293	6	32,36/02	25671	17	15/03
22100	3	20,32/02;12/03	22436	2	39/02;10,14/03	24294	22	36/02	25673	15	28,42/02
22101	19	16,20,32,43/02	22471	31	18,44/02	24311	4	27/02	25677	19	21,52/02
22102	19	17/03	22481	35	43,44/02	24312	4	27/02	25681	15	4/03
22109	3	17/03	22482	16	44,50/02	24320	4	27,28,34,43/02;6,17/03	25683	17	30,49,52/02;5/03
22111	4	32/02;17/03	22521	3	12,17/03	24321	3	6/03	25687	11	15,35/02
22112	3	23,25,30,32,43/02;17/03	22523	3	12,17/03	24322	6	28,34/02;6,17/03	25700	3	15/03
22113	8	23,25,30/02;12,17/03	22529	3	12,17/03	24350	2	31,51/02;18/03	25720	3	33/02
22114	5	16,32,42,43/02;17/03	22531	2	12,17/03	24355	2	51/02	25800	3	24,36/02
22120	3	18,23,30,34,36,39,41,43, 52/02	23000	5	18/02	24370	1	34/02	25841	9	24,36/02
			23010	4	27,38/02	24375	2	34/02	25848	25	5,13,15/03
22121	9	17,23,30,34,36,44,52/02	23023	4	27/02	24380	2	35/02	25849	13	42/02;12/03
22124	2	17,34,52/02;6/03	23030	6	27,38/02	24388	2	35/02	26001	4	9/03
22125	1	18,36/02	23115	3	27/02	24404	8	21,26,35,44,48/02	26050	1	34/02
22126	1	36/02	23121	7	30/02;17/03	24405	10	26,35,36,44,48/02	26060	1	49/02
22130	2	44/02;14,17/03	23122	8	23,30,33/02	24406	30	20,26/02;2/03	26068	11	18/03
22138	2	18,41,44,48/02;6/03	23123	3	30/02	24408	21	36,44,48/02	26081	8	46/02;16/03
22140	2	30,34,36,44/02	23124	3	N30/02;N17/03	24410	2	21,44/02	26083	14	29/02
22142	2	39,41,43/02	23125	4	30/02;17/03	24430	5	39/02;8,11/03	26122	29	13/03
22143	3	17,41,52/02;14/03	23126	6	N24/02*	24431	14	39/02	26127	21	49/02;5/03
22145	2	N41/02	23127	4	N24/02*	24434	4	39/02	26128	50	49/02;5/03
22160	2	30,34,39,41,48,52/02	23128	4	N24/02*	24452	7	16,26/02	26129	11	26/02
22170	3	30,39/02;6/03	23129	2	N24/02*	24454	5	5/03	26142	10	24,33/02
22172	8	48/02*;4,6/03	23131	7	26,31/02;12/03	24460	4	15,17,39,47/02;15/03	26210	2	24,36/02
22173	36	48/02*;6,17/03	23141	7	34/02	24461	4	16/03	26229	11	17/02
22180	2	30,34/02	23142	10	8/03	24462	5	15,47/02;16/03	26230	12	17/02
22181	16	17,27,39,41/02	23150	10	20,37,52/02	24463	6	24,39/02;12,15/03	26240	7	23/02;9/03
22182	6	30,34/02;14/03	23151	3	12/03	24465	6	15,23,33,47/02	26244	3	9/03
22183	3	20/02	23152	3	37/02;12/03	24469	1	20,46,47/02;13/03	26245	16	51/02;15/03
22190	2	30/02	23153	8	20,31/02;12,13/03	24470	4	28,39,47/02	26259	2	51/02
22205	2	16/02;12,18/03	24000	39	27,29/02	24471	8	28,47/02	26260	5	24/02
22221	20	20/02	24004	36	29,30/02	24480	1	17,25,27,41,44,45,49/02	26261	27	8/03
22222	1	4/03	24016	53	30,39/02	24482	2	24,49/02	26262	3	8/03
22225	2	12,18/03	24020	47	27/02	24483	2	20,24,49/02	26280	7	23/02
22233	29	13,18/03	24024	46	18/03	24484	3	24,49/02	26308	4	15/02
22250	2	42/02;12,18/03	24028	6	23,48/02	24490	3	24,31/02	26309	26	17/02;11/03
22251	11	12/03	24050	11	27,31,34,38,49/02	24491	3	31/02	26320	5	15,24,27,28,29,35/02;7, 12/03
22259	4	20/02	24052	15	31,37,38/02;14/03	24492	20	31,46/02	26323	4	1/03
22264	2	20,42/02;13,18/03	24053	16	24/02	24501	3	17,27/02	26327	2	N41/02*;N17/03
22275	3	20,42/02;12,18/03	24055	6	37,49/02;14/03	24502	6	46/02	26328	2	15/02
22281	9	12,18/03	24057	4	31,38,49/02	24504	7	17,41,45,46/02	27005	4	6,8,9/03
22282	17	19/02;12/03	24058	2	31,32,37,38/02	24508	2	18,19,41,45,46/02;15/03	27040	5	9/03
22283	3	N19/02;N12/03	24060	2	34/02;17/03	24509	2	17,45,50/02;15/03	27041	4	50/02
22284	7	N10/03	24080	5	29/02;17/03	24510	2	17,18,19,41,45,46,50/02	27080	4	20/02;15/03
22290	4	20/02;18/03	24091	6	26/02;6/03	24512	3	25,29,44,46/02	27081	6	49/02
22293	15	20/02;18/03	24092	14	26/02;6/03	24513	18	46/02	27082	6	18,49,51/02
22294	15	12/03	24100	5	27,29/02	24517	2	18,19,46,49/02	27084	4	13/03
22305	2	18/03	24101	3	37,41/02	25001	7	17,19/02;15/03	27100	2	31/02;8/03
22311	19	8/03	24102	3	37,41/02	25017	5	15/03	27120	4	41,43,44/02
22312	2	13/03	24110	3	27,29/02	25018	9	15/03	27142	5	9/03
22313	2	44/02;8,18/03	24130	14	24,29/02;5/03	25400	1	23,26,35,48/02	27160	2	8,13/03
22314	1	44/02	24140	18	32/02	25480	1	20,42,46/02	27161	4	8,13/03
22331	2	N10/03	24141	4	5/03	25481	25	26/02	27163	21	49/02;8/03
22341	9	19,43/02;11/03	24142	43	5,6/03	25485	45	23,26/02	27183	8	1,9/03
22342	9	19/02	24149	1	32/02	25487	2	23,26/02	27186	8	1,9/03
22343	1	N19,N43/02;N10,N11/03	24150	27	27,29,30,32/02	25524	43	33/02;1,5/03	28004	1	20,23,45/02;8,9/03
22344	5	N42/02;N10/03	24151	4	29,32/02	25525	17	1,5/03	28006	1	8/03
22345	11	42/02	24152	2	30/02	25526	2	19,33/02	28050	3	28,34/02
22347	5	N19/02	24153	6	30/02	25527	31	33/02	28084	4	17/03**
22351	1	N43/02;N12/03	24156	2	22/02	25528	5	21,42/02	28110	2	15/02*
22352	6	12/03	24159	1	27/02	25550	2	17,19,24/02	28150	3	8/03
22361	2	N10/03	24160	21	27,28/02	25563	50	17,33/02;14,18/03	28162	29	28/02
22370	2	15/03	24161	11	27,42/02;7/03	25565	7	33/02	28164	17	28/02
22373	1	N50/02;N10/03	24162	9	22,27,42/02;6,7/03	25566	27	17/02;18/03	28190	2	41,43,45,46/02;18/03
22375		N19/02;N10,N15/03	24164	6	27/02	25567	16	19/02	28196	4	41,43,45/02;18/03
22377	1	N10,N13/03	24170	14	5,6/03	25570	3	19,31/02;16/03	28197	4	45/02;18/03
22379	1	N50/02;N10/03	24171	19	5,6/03	25575	4	31/02	28202	22	41,44/02
22381		N19,N43/02	24172	4	5,6/03	25600	47	24/02	28210	2	33,35,39,41/02
22395	2	19,42/02;15/03	24180	15	8/03	25601	34	17,19,20/02	28220	2	35,39/02
22403	1	N45/02	24211	7	24/02	25607	4	24,39/02	28221	18	33,37,39/02;5/03
22404	15	46/02	24220	14	27,28/02	25608	21	17/02;16/03	28223	4	35,39/02
22406	1	N1/03	24222	3	27/02	25609	5	30/02	28260	30	35,37/02
22407	1	N4,N11,N18/03	24223	33	18/02	25613	2	30/02	28263	3	35,37/02
22408	1	N10/03	24230	20	18,30/02	25640	40	28/02*;15/03	28264	3	35,37/02
22409	4	N45/02;N10,N17/03	24233	15	36,43/02	25641	26	30/02	28265	3	37/02
22410	32	43,44,46/02	24234	3	30/02	25644	12	42/02	28281	32	36/02
22413		N45/02	24240	5	30,39/02;7/03	25645	17	15/02*	28282	2	35/02
22417	1	N10/03	24250	5	30,39/02;7/03	25646	7	N42/02	28300	1	23,39,50/02
22418	2	24,36,44,46/02	24251	23	24,34,43/02;6/03	25649	18	18,30,35/02;4/03	28302	16	31,33,39,40/02;12/03
22420	2	4,11,15/03	24252	5	30,39,43/02;6/03	25650	33	22*,30/02	28310	2	23,31,33,35,39/02
22421	4	N43,N44,N46/02;N11/03	24260	5	34/02	25653	13	8/03*	28320	6	33/02
22423	3	N11/03	24270	3	24,27/02;17/03	25663	27	19/02*;17/03			

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28321	36	29/02	36106	7	18,47/02;5,13/03	37123	9	19,49/02;6/03	37402	7	28,32,41,42,44,50/02;4,13,14/03
28323	2	27,29/02	36117	6	18/02	37125	15	15,19,24,42,49/02;6,9/03	37403	23	24/02;10/03
28325	2	27,29/02;5/03	36118	3	5/03	37126	8	15,41/02	37420	1	34,43/02;1,7/03
28330	2	27/02	36120	9	16,19,20,22,31,46/02;5,8,16/03	37127	11	49/02;4,6/03	37421	8	14/03
29002	9	18/03	36122	12	16,19,21/02	37129	6	39,42,49/02;4,6/03	37423	5	14/03
29015	5	22/02;16/03	36123	25	16,19,21,46/02;11,16/03	37133	4	44/02	37441	4	15/02
29121	5	32/02	36124	18	16/03	37136	6	38,46,50,51/02	37445	1	48/02;1/03
29122	5	32/02	36125	7	4/03	37137	6	46,48/02	37446	2	1/03
29142	3	7/03	36137	4	38/02	37139	8	18,23/02;1/03	37461	9	51/02;6/03
35000	26	23,24,47,48/02;14/03	36138	3	39/02;4/03	37140	33	15,17,19,21,22,24,27,29,31,35,49,51/02;4,6,16/03	37463	6	1/03
35008	21	45,48,50/02;5/03	36139	4	4/03	37141	29	20,21,23,36,40,48,51/02;1,4,12,17/03	37481	7	47,48/02;6,7,14/03
35009	19	15,40,41,45/02;5,10,14/03	36140	12	21,22,24,36,41/02;4,10/03	37145	23	46,50/02;4/03	37501	3	46,47/02;7,8/03
35011	2	48/02;1/03	36141	7	4/03	37147	15	21,35,36,40/02;1,10,12,16,17/03	37505	2	46/02;7/03
35016	17	29/02	36142	6	24/02	37148	13	17,21,35,38/02;4,10,11/03	37506	4	45,46,47,51/02;8/03
35031	3	22/02	36143	4	18,34/02;5/03	37149	10	44/02	38030	1	20,21/02
35036	21	17,19,24,30,36/02;10,15/03	36146	10	20,24,34,44,45,47,50/02;4,10,18/03	37150	8	16,21,22,31/02;14/03	38460	7	18/02
35040	18	21,45/02;4,8,10,14/03	36162	10	20,35,45,47,50/02;4,18/03	37158	14	18,21,22,31,34,43/02;1,14/03	38463	2	N18/02
35041	8	21,35/02;4/03	36163	13	20,31,34,35,38,44,45,47,50/02;4,18/03	37161	12	15,16,17,26/02	38480	6	18/02
35042	9	21,27,44/02;4,14/03	36164	7	34,38,44,46/02;8,15/03	37162	4	15/02	38580	8	18/03
35044	9	38/02	36165	6	17,18,20,22,24,28,36,44/02;10/03	37164	2	15,17,18,20,21,34,36/02;10,12,13,15/03	38585	4	18/03
35047	5	35/02	36167	2	24,40/02	37165	2	15,17,18,20,21,34,36/02;10,12,13,15/03	38603	2	17,21/02
35060	14	18,22,40,41/02;10,14/03	36173	1	40/02	37166	2	15,16,17,26/02;14/03	38610	1	20/02
35080	16	18,22,40/02	36180	23	17,20,21,22,36,40,50/02;4/03	37170	11	38/02;14/03	41000	2	15/03
35084	15	50/02	36181	18	17,20,21,22,36,40,50/02;4/03	37175	2	5/03	41060	3	34/02
35086	5	31/02	36182	6	20,36,40/02	37180	20	21,38/02	42160	3	7/03
35088	2	50/02	37000	22	23,28,47,48/02;14/03	37182	14	35,47,48/02	42600	5	14/03
35099	3	41/02	37005	16	17,18,23,41,45,47/02;5,12,13,15/03	37183	9	48,51/02;10/03	42620	5	14/03
35100	14	40,45/02;5/03	37010	23	15,16,17,18,23,26,41,45,47/02;10,12,13,15/03	37184	8	48/02;5/03	42740	5	34,41/02;6/03
35101	6	41/02	37025	26	38,51/02;1/03	37200	15	18/02	42742	3	6,8/03
35103	5	41/02	37032	2	1,6/03	37202	2	18/02	42760	5	8/03
35120	13	40,45,47/02;5/03	37033	2	47/02	37205	2	39/02	43000	4	9/03
35130	3	48,51/02;5/03	37034	2	8,14/03	37221	13	15,16,17,18,20,21,24,25,27,28,34,36/02;6,10,11,12,13,14,15/03	43015	12	9/03
35135	1	5/03	37041	15	17,20,27,50/02	37222	13	15,27,28/02	43030	24	25,28/02;2,9,10,11,12,13,15,17/03
35136	2	48,51/02	37042	5	17,41,45/02	37223	14	26,42/02	43059	3	44/02
35141	11	34/02	37043	17	17,20,43/02	37224	11	15/02	43060	4	44/02
35143	7	34/02	37044	16	45/02	37226	17	15,16,17,19,20,21,25,28,30,39/02;8,9,12,14,17/03	43079	2	41/02
35144	3	11/03	37045	11	45/02	37228	14	21,24,27/02;8,14/03	43082	5	41/02
35150	3	48/02	37046	18	21,31,43/02	37229	15	15,16,17/02;8/03	43101	3	46/02
35159	3	25/02	37050	9	18,26,42,46/02;10,12,17/03	37230	14	16,18,24,25,39/02	43102	4	46/02
35163	7	25,44/02	37060	3	17,21,31,46,50/02;9,13,18/03	37231	18	15,20,21,25,28,30/02;6,10,12,14/03	43104	4	46/02
35166	4	35/02	37061	15	36,38/02;5/03	37232	12	15,16,21/02	43106	6	44/02
35167	3	35/02	37063	21	16,21,28,36,50/02	37234	13	15,20/02;7,8/03	43140	4	17,41,48,52/02;12/03
35169	2	35/02	37064	8	17/02*	37235	11	15/02;17/03	43141	5	52/02;12/03
35200	7	48,51/02;5/03	37065	7	19/02*	37238	6	17/03	43142	4	52/02;12/03
35210	3	29/02	37075	3	21,31/02;5,18/03	37241	17	16,17,26/02	43143	4	12/03
35220	3	29/02	37079	5	22/02	37244	11	16,17,26/02	43144	4	17/02;6,12/03
35236	2	38,50/02	37080	3	17,24,27,30,33,34,38,40,42,44,45,46,51/02;1,4,7,9,14,15,18/03	37246	14	15/02	43145	4	17/02;12/03
35246	2	38,43/02	37081	23	18,20,21,28,38,43,50/02	37248	18	39/02	43146	2	48/02
35247	4	50/02	37082	9	28,44,50/02;11/03	37258	4	15/02;1,11/03	43150	2	N17/02
35255	3	50/02;14/03	37083	8	20,22/02	37261	10	15,28/02;1,7,11/03	43152	6	17/02
35256	2	14/03	37084	9	20,22,38,40,43/02	37262	20	1,11/03	43162	2	17,41,44/02
35270	2	38,46/02	37085	8	38,40/02	37263	3	30/02;1,15/03	43163	3	44/02
35276	3	46/02	37086	8	38,50/02;4/03	37265	3	18,24/02;1,7,17/03	43164	3	17,48/02;6/03
35277	3	38,46/02	37087	7	38,40/02	37281	15	30/02;1,15/03	43180	5	9/03
35279	3	38/02	37088	9	5/03	37320	16	18,26,27,28,38,44/02;9,10,11,P12,15,17/03	43182	4	47,52/02
35295	3	27/02	37089	12	21,28/02;4,13/03	37325	8	18,34,39,47/02;15,18/03	43223	4	41/02
35298	7	27/02	37090	8	27,32,45,51/02;1,7,9,14,16/03	37326	2	34,47,51/02;15,18/03	43225	4	17,52/02
35299	9	13/03	37095	3	15,17,18,24,28,32/02;1,7,9,11,14,15,16/03	37328	2	18,42,44/02;11,15/03	43240	4	50,51/02
35301	6	17/03	37101	9	15,18,27/02	37330	2	22,24,26,30,32,34,38,40,46/02;9,13,14/03	43242	4	52/02
35302	7	17/03	37103	9	15,27,29/02	37342	3	17,32/02;2,11,15/03	43243	4	50,51/02
35303	7	40/02;17/03	37104	3	41/02	37343	10	45/02	43248	3	9/03
35308	5	10/03	37110	11	15,17,18,19,24,27,28,29,47/02	37344	11	17,32,34/02	43263	7	44/02
35310	2	22/02	37112	1	47/02	37360	15	15,17,27,28,30,32,34,43/02;2,9,10,11,15,17/03	43265	2	44,52/02
35330	2	22,38,41/02	37115	2	15,17,18,19,27,28,29,33,47/02;7/03	37362	6	17,31,43,48,51/02;1,2,4,17/03	43270	2	44/02
35350	2	38,41/02	37119	2	43/02	37363	8	48/02;4,17/03	43280	5	44/02
35400	11	30/02	37120	2	15,19,24,27,29,39,42,49,51/02;4,6/03	37367	1	38,49/02	43281	6	20/02*
35402	3	38/02	37121	11	15,24,27,29,31/02	37380	2	15,17,34,40,42,43,44,48,51/02;9,10,17/03	43284	4	16,51/02
35420	13	24,30/02	37122	12	48/02	37400	10	15,28,34,38,40,41,44,46/02;6,10/03	43285	5	15,16,44/02
35421	14	31/02				37401	9	28,32,44/02;4,6,13,14,16/03	43300	5	15,44,47,50/02
35423	6	31/02							43301	4	15,45,50/02
35424	3	30/02							43302	4	44,47,50/02
36005	2	15,17,24,27,28,34,36,38,45,46/02;P12,14,17/03							43303	4	41,47,50,51/02
36010	27	16,19,20,22,24,38/02;5,15,16/03							43304	2	44,47,50/02
36015	2	17,24,27,36,46/02							43321	6	30,41,47/02
36040	16	19,30/02;1,15/03							43323	4	30/02
36046	5	38/02							43324	4	30/02
36060	17	16,19,31,38/02;5,8/03							43341	7	41/02;12/03
36061	5	46/02							43345	4	1/03
36062	11	40*,46/02							43360	21	17,28/02;6,10,13,17/03
36098	6	5/03							43363	5	45/02
36102	6	13/03							43364	5	45,46/02
36103	9	13/03							43371	13	22/02
36104	6	13/03							43372	4	22/02
									43373	8	45/02;17/03
									43374	1	22/02

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/02 THROUGH NM 18/03

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.
43375	7	46/02:6,7,10,12,16,18/03	44224	1	49/02:5/03	51341	23	48/02:6,16/03	53122	3	20,29,40/02:7,8,16/03
43384	1	48/02:4,5,6,7,10,11,12,13,15,16,17,18/03	44240	8	49,50/02:4,7,13,14,15,16/03	51342	3	1/03	53123	3	7/03
43385	1	27,45,48/02:5,11,13/03	44243	2	25/02:5/03	51344	2	5,7,16,18/03	53125	2	46,51/02:13/03
44001	2	48,49/02:1,6,7,8,9,11,13,14/03	44260	7	29/02:2,5,6,13/03	51380	5	47/02	53130	1	27,42,47/02:10,13,18/03
44015	8	28,31,48,49/02:6,7,8,9,10,11,13,14/03	44280	9	29,34,49,50/02:2,6,12,15/03	51559	3	41/02	53133	3	41,46/02:16/03
44030	7	20,46/02:4,8,9,13/03	44281	2	49/02:12,15/03	52031	1	6/03	53135	2	20,51/02:7/03
44036	5	28/02:13,16,17/03	44282	1	49,50/02:13,17/03	52039	4	5*,7,8,9,13,14,18/03	53141	5	20,24,34,51,52/02
44037	5	16/03	44283	2	50/02:8/03	52040	17	43,50/02:13,16,18/03	53147	3	36,39,42,51/02:6,7,10,13,17/03
44038	5	18/02	44284	2	41/02:6/03	52043	21	46/02:6,7/03	53149	2	31/02
44040	23	28,44/02:6,10,13,16,17/03	44285	1	2,15/03	52045	6	36/02	53160	14	20,51/02:3,6/03
44041	7	48/02:1,9,10,13,16/03	44286	1	2/03	52046	21	50/02:6,7,16,18/03	53161	8	51/02:3,8,13,18/03
44042	7	21,44,45,49/02:4,7,9,10,11,17/03	44310	5	20,29,41,42/02:7/03	52047	11	7,8/03	53162	7	50/02*:15/03
44043	8	44/02:1,6,9,10,11,13,16/03	44313	1	27,41,47/02	52048	3	8/03	53164	9	20,37,51/02
44044	6	6,10,13,16/03	44319	2	21,41,42/02:4,6,9,10/03	52051	1	43/02	53165	13	39/02:8/03
44046	10	18/02	44320	4	23,29/02:6,8,9,15/03	52054	1	14/03	53180	10	33,34,43,51/02:1,3,6,7,13,15,18/03
44047	22	26,44/02:10,12/03	44321	6	19,22,23,29,32,40/02:6,8/03	52055	1	14/03	53181	4	34/02:1,13/03
44048	11	5,12,18/03	44340	11	16,20,21,37/02:4,6,8,9,15,17/03	52060	16	43,50,51/02:7,12/03	53182	4	36/02:15,16/03
44049	9	18,44,46,50/02:8,14/03	44341	7	25,37,41/02:7,9/03	52061	2	45,48,51/02:7,12/03	53183	13	19*,35/02
44050	21	18/02	44342	8	37,41/02:6/03	52062	7	7,12/03	53184	5	32,35/02:1,6,13,18/03
44051	1	44,48,50/02:1,11,14/03	44352	2	4,6,7,8,12,15,17/03	52066	3	50/02:14,16/03	53200	6	33,36,43/02:5,6,7,15,16/03
44057	5	21,25/02	44360	9	16,20,21,34,37,41,42/02:4,9,10/03	52082	3	45,46,48/02:11,12/03	53201	6	51/02:18/03
44061	21	18,21/02	44361	6	21,27/02:4,10,15/03	52083	2	45,46,51/02:1,16/03	53202	6	15,17/03
44063	8	21/02:17/03	44365	1	7,8/03	52084	2	45/02:4,10,11,12,14,18/03	53203	11	5/03
44065	7	15,16,20,25,30,42/02:16,17/03	44366	1	34,41/02	52085	3	50,51/02:4,11,16/03	53204	10	44/02:5/03
44066	10	16,20,27,39/02	44367	2	15,16,18,20,22,25,26,29,35,37,40/02:6/03	52086	2	45,50,51/02:1,4,9,11,14/03	53205	3	5/03
44067	22	16,21,25,29/02:16,17/03	44400	4	48/02:4,6,7,8,9,12,15,17/03	52087	1	51/02	53206	6	17/02:5/03
44068	11	17,18,20,24,26,44/02:10,11,13/03	44401	7	10,12/03	52088	2	45/02:4,10,11,12,14,18/03	53207	6	36,43,51/02:5,16/03
44069	16	16,18,20,21,24,29,31/02:11,13,17/03	44410	4	4,6,11,12,13,14,15/03	52092	1	46,51/02:16/03	53223	5	29/02
44072	4	21/02	44420	6	36,49/02:8,9,10,11,12,14,17/03	52120	12	32,51/02:6,11,16,18/03	53226	3	3*,17,18/03
44073	2	21/02	44430	2	16,17,28/02:6,10,11,14/03	52121	8	45,46/02:1,6,8,11,16/03	53242	12	52/02:1,13/03
44075	4	16,17,21,29,31,42/02:13/03	44444	6	31/02:9,12/03	52122	14	45/02:11,14/03	53244	2	1/03
44076	3	18,25/02	44461	10	16,17,19,28/02:6,10/03	52124	1	51/02	53262	7	22,42/02
44081	9	15,16,17,20,24,25,39/02:9,13/03	44462	4	19/02	52125	1	45,46/02:8,11,16,18/03	53263	1	37/02:17/03
44082	11	15,16,17,18,21,24,25/02:9/03	44465	2	16,17,19,28/02:6/03	52140	6	48,50/02:3,12,18/03	53264	5	17/03
44083	8	15,21/02:9,11/03	44481	2	26,28,31/02	52141	5	48/02	53265	6	19,35,41,46,52/02:15,16/03
44084	1	6,11/03	51007	22	38/02:7/03	52142	2	12,18/03	53266	4	1,8,13,17/03
44085	2	21,25/02	51013	4	38/02:7/03	52143	8	18/03	53268	4	22,42/02:7/03
44100	7	15,16,17,18,24,25,26,44/02:2,9,11,12,13/03	51017	31	37/02	52144	5	50/02:3,7,8,10,14,16,18/03	53269	5	19/02:17/03
44105	2	49/02:5,6,8/03	51022	11	37/02	52161	14	6,11,14/03	53279	3	7,15/03
44120	7	15,16,17,18,21,26,27,28,29,31/02:2,9,10,15/03	51061	14	1,7,15,17/03	52162	2	14/03	53281	4	31,40,52/02:15,18/03
44140	8	16,26,27,28,29,31,50/02:1,6/03	51064	2	52/02:1,17/03	52170	3	14,16/03	53282	8	40/02
44160	7	46/02:1,4,5,6,11,13,14,15/03	51081	10	5,6,13,15,17/03	52172	2	40/02:1/03	53283	4	33,52/02
44161	2	29,50/02:1,2,6,10/03	51082	7	5,7,13,15,17/03	52180	14	21,24,42,43,51/02:1,8,10,13,15,16/03	53284	4	33,40/02:7/03
44162	1	50/02:1/03	51100	7	1,6,7,8,9,14/03	53011	2	51/02	53285	4	35/02:7,15/03
44163	1	48/02	51103	10	29*,33,45/02	53012	1	17,18,19,21,22,27,28,30,39,48/02:5,12,14/03	53287	6	20,27,35,42/02:1,5,7,8,10,15/03
44164	1	46,48/02:1,11,18/03	51104	1	29*,33,45/02	53058	2	4/03	53290	1	35/02
44165	1	46/02:1,5,6,11/03	51120	6	6/03	53060	14	15,17,18,19,21,22,27,28,30,32,51/02:4,5,9,10,12,14/03	53301	4	27/02
44178	2	21/02:2,5,7,10,16/03	51142	2	6,13,15/03	53061	10	19,28,30,44,47/02:12,16,17/03	53302	4	51/02
44179	2	10,16/03	51143	4	6/03	53062	13	1,14,16/03	53303	6	49,51/02
44180	6	18,20,24,29,34,45,46/02:1,2,5,7,8,9/03	51144	3	52/02:1,15/03	53063	8	19,28,44,47/02:4/03	53306	2	21,39/02
44181	5	5,10,13/03	51145	2	42/02:13/03	53065	2	33/02	53311	3	39/02
44182	4	21,48,49/02:1,2,15,18/03	51146	3	42,52/02:5/03	53066	2	33/02	54040	3	37/02:6,10/03
44183	6	48/02:1,6,8,9,10/03	51150	1	50,51/02:1,13,15/03	53081	8	15,21,30/02:4,5,11,16/03	54041	7	18,35/02:4,8,16,17/03
44184	9	21,45,49/02:2,10,13/03	51154	3	50,51/02:13,15/03	53082	13	40/02	54043	2	15,17,18,29/02:17/03
44185	7	45,49/02:1,2,10/03	51155	1	50,51/02:1,15/03	53083	8	18,19/02:9,10/03	54060	5	18,37/02:16/03
44186	2	21,45,46,48/02:1,2,5,8,9,10,15,16/03	51158	2	6/03	53084	6	17,18,24,51/02:14,16/03	54061	11	52/02
44187	2	21/02:5,6,9,13/03	51159	3	47/02	53085	6	17,24,51/02:14,16/03	54063	3	1,13/03
44192	1	21,29,46,48/02:1,18/03	51160	20	48,50,51/02:1,4,5,6,7,14,15/03	53086	9	20,46,48/02:17/03	54081	3	10/03
44193	1	26/02:1,7,15,18/03	51163	4	4/03	53087	8	48,02:17/03	54083	4	19/02
44200	9	20,24,29,34,52/02:4,9,12,13/03	51164	18	38,45,46,50/02:2,4,8/03	53088	7	33/02	54085	2	18,19,40/02:15/03
44203	1	20,24,33,48/02:2,5,15/03	51165	8	25,45,50/02:2,4,8,10,14,16/03	53090	1	41/02	54090	3	46/02*:11,15/03
44204	1	48,52/02:2,4,5,7,12,13/03	51166	3	N25,N45/02	53092	2	20/02	54095	3	46/02*:8,15/03
44205	2	48,52/02:2,5,7,12,15/03	51167	6	45,50/02:2,4,8,10,16/03	53100	16	18,19,21,24,28,33,39,42,51/02:6,10,13,18/03	54105	3	46/02*:8,13,17/03
44206	1	46/02:4,5,13,16,17/03	51220	8	33/02:18/03	53101	7	33/02:8,13,16/03	54115	3	46/02*:15/03
44207	1	4,5,17/03	51222	6	51/02:16/03	53102	2	20,35,42/02	54120	5	15,16,17,18,19,20,37,39,41/02:15,17/03
44220	5	46/02:4,5,13,16/03	51223	2	17,18/03	53103	20	37/02:8/03	54125	3	46/02*:17,18/03
44223	1	6,13/03	51225	3	27/02	53106	6	19*,20,24/02	54140	7	15,16,17,18,41/02:15/03
			51240	2	33/02	53107	16	35/02:6/03	54151	1	15/02:3/03
			51260	4	37,50/02:16,18/03	53110	1	29,40/02:10,15,17/03	54161	12	16,17,19/02:10/03
			51261	23	5,6,13,15/03	53111	3	31,44/02*	54165	2	33,37/02
			51263	23	49/02:13,17/03	53120	14	18,20,21,27,28,39,42/02:5,6,7,13,17/03	54166	3	10/03
			51300	4	27/02				54167	2	17,19/02

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/02 THROUGH NM 18/03**

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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.
54225	2	21/02	55085	9	5/03	61080	4	9/03	62355	6	8/03
54226	2	50/02	55100	8	29,36,37/02;6/03	61090	5	12/03	62360	5	18,38/02;12/03
54227	2	50/02	55101	4	7/03	61091	5	12,18/03	62361	2	N18,N38/02;N12/03
54266	2	13/03	55102	3	24/02;4,5,15/03	61092	13	18/03	62366	3	38,40/02;2/03
54279	4	50/02*;2,15/03	55103	2	24,29,48/02;1,4,5,7,15/03	61100	4	10,12/03	62392	7	18/02
54280	10	15,20/02;5,15/03	55104	2	48/02;4,5,7,14/03	61110	3	28/02	62393	7	34,37,50/02
54281	6	20/02	55105	7	18,29,36,41,42/02;14,15/03	61112	10	17/02	62394	10	34,37,50/02
54282	1	51/02	55110	2	23,24,29,37/02;6/03	61120	4	28/02	62395	2	34,50/02
54283	5	19,20,52/02	55120	2	36/02;6,14/03	61130	3	28/02	62400	17	23,24,33/02;4,9/03
54284	1	51/02;15/03	55127	2	10,14/03	61140	5	27/02	62401	9	6,10/03
54286	4	19/02	55128	2	26,33,36,38/02;1,4,5,8,14/03	61141	6	38/02	62402	10	10/03*
54287	7	5,15/03	55129	7	33,36,37/02;6,15/03	61142	6	38/02;7/03	62404	3	6/03
54288	5	1/03	55130	2	27,45/02;5,14/03	61170	5	27/02	62406	2	24,33/02
54289	8	19/02;1/03	55131	1	27,36,45/02;6/03	61180	4	20,27/02	62408	7	15/02;10/03
54300	12	31/02	55133	3	5,14/03	61190	4	39,41/02	62409	6	7/03
54302	1	31/02	55139	5	41/02	61200	7	17,21/02	62411	1	52/02
54318	3	19/02;1,14/03	55140	2	1,5,14/03	61204	5	13/03	62413	11	33/02
54320	4	20,48/02;1/03	55150	2	24,28,29,37/02;15/03	61210	6	17/02	62417	1	52/02
54322	7	19,20/02;1/03	55160	2	18,24,28,29,42/02	61220	5	17/02	62419	6	33/02;8/03
54324	8	19/02	55161	1	29/02;17/03	61240	7	18/02	62420	5	33,37,39/02;8/03
54327	4	20,31/02	55170	2	18,29,31,36,41/02	61250	4	18/02	62429	9	17,27,39,43/02
54329	4	5/03	55175	1	24,28/02	61300	2	7/03	62431	8	26*,27,37/02
54334	3	5/03	55180	2	33/02;1,15/03	61310	2	33/02;7/03	62432	16	13/03*
54337	3	19,31/02	55190	2	6/03	61311	5	17,33/02	62433	12	15,30,31,34,45/02;1/03
54339	8	17,31/02;12/03	55200	2	27/02;8,10/03	61312	3	17,33/02	62434	9	40,46,52/02;8,12,17,18/03
54340	8	19,48,51/02;3,4/03	56031	1	1,2,17/03	61331	4	7/03	62437	9	32,46/02
54343	10	19,48/02;4,5,11,12,13/03	56042	6	22/02	61400	2	27/02;7/03	62439	4	1/03
54344	6	19,48/02	56043	6	22/02	61410	2	7/03	62440	8	16/03*
54346	8	19/02;11,12,13/03	56044	3	22,38/02	61430	2	7/03	62441	10	16,36/02
54347	4	51/02	56060	8	33/02;12,16/03	61434	2	7/03	62448	2	23/02
54350	4	51/02	56063	1	21/02;16/03	61440	2	15/02	62449	4	15/02
54351	7	52/02	56064	6	38/02;2,16/03	61450	2	17,27/02	62451	7	21,23/02
54352	3	52/02;1,3/03	56065	3	33,38/02;16/03	61470	2	15/02	62453	4	16/03*
54360	12	15,19,20,52/02	56067	3	48/02*	61472	1	15,20/02	62455	7	17,27,39,43/02
54362	3	52/02	56081	19	41/02	61500	2	17/02	62456	1	27/02
54363	3	15,19,20/02	56082	2	31/02	61510	2	15/02	62457	6	11/03*
54364	2	52/02	56083	2	31/02	61520	2	15/02	62459	2	6/03
54365	6	15,19,36/02;11/03	56100	13	41,49,50/02;1/03	61522	1	15/02	62460	4	24,31,33/02;10/03
54366	3	15/02	56101	6	33/02;1/03	61538	1	15/02	62462	2	15*,31,49,50/02;4/03
54367	3	15/02	56102	23	1/03	61540	2	15,20/02	62480	2	16*,18/03
54368	4	20/02	56103	6	18,30/02;1/03	61550	2	17/02	62490	2	16*,17,18/03
54369	4	15,52/02	56104	2	41,49,50/02	61560	2	15/02;7/03	62498	4	23,25,27,31/02;4,9/03
54372	2	20/02	56120	12	1/03	61562	2	6/03	62499	4	15*,25,27,31,49,50/02;4,9/03
54380	6	19,26,42/02;3,16,18/03	56191	2	18/02	61581	5	18/02	62510	3	11*,12/03
54382	9	26/02;16/03	56195	3	22/02*	61582	4	18/02	62512	3	N11*,N12/03
54386	10	42/02;16,18/03	57029	9	12/03	61610	7	28,29/02	62515	2	26,45/02
54387	7	23,42/02;16,18/03	57035	10	10,12/03	61611	11	28/02	62520	5	15,17,20,30,31,37,43,49/02;10,13,18/03
54389	8	43,52/02	57063	5	40,41/02	61612	4	28/02	62521	3	N15,N17,N20,N30,N31,N37,N43,N49/02;N10,N13,N18/03
54400	8	20,32,43/02;3,16/03	57064	3	41/02	61650	3	17/02;12/03	62530	5	31,33,43/02;8,13,18/03
54402	4	52/02	57101	18	41/02	62000	20	18,46/02	62531	3	N31,N33,N43/02;N8,N13,N18/03
54403	4	22,43,52/02	57103	2	16/03	62001	5	11/03*	62540	6	17*,18,21,23,25,26,29,31,32,34,40,45,48,50,52/02;8,12,17,18/03
54404	4	19/02	57120	13	43/02	62024	13	38,40/02	62541	3	N17*,N18,N21,N23,N25,N26,N29,N31,N32,N34,N40,N45,N48,N50,N52/02;N8,N12,N17,N18/03
54409	2	23,32/02;7,8,12/03	57140	10	43/02	62028	15	18/02;10/03	62550	3	16/03*
54413	3	31/02	57141	14	43/02	62032	16	11*,17/03	62560	4	16*,18/03
54418	4	32,43/02;3,7,16/03	57142	6	43/02	62033	3	N11*,N17/03	62570	4	17*,21,23,25,26,31,32,33,34,36,40,45,48/02;8,12,17,18/03
54419	2	3/03	57160	10	43/02	62046	2	39/02	62580	3	23,26,32,33,45/02;12/03
54421	6	28,47/02	57161	4	31/02	62050	6	18,44/02	62590	2	16,28,29,36,40,46,48/02;8,12,17,18/03
54422	4	19/02*	57162	7	43/02	62092	7	41/02	62591	3	N16,N28,N29,N36,N46,N48/02;N8,N12,N17,N18/03
54423	5	48/02*;17/03	57164	2	43/02	62093	7	16,41,49/02	63000	13	27,28,48/02
54430	1	26,28,37,43/02	57165	1	43/02	62095	3	11/03*	63005	18	15,25,31/02;16/03
54440	4	30,41/02;17/03	57170	1	43/02	62140	1	34,40/02	63010	14	26,29,31,52/02
54441	6	30,42/02;2/03	57200	6	11/03	62142	10	24,28/02	63015	11	31,38,40,52/02;9/03
54462	5	17/03	57220	4	11/03	62143	3	24,28/02	63020	15	27,31/02;4,9,11/03
54464	5	17/03	57220	4	11/03	62144	3	24/02	63040	2	46/02
54480	8	22,30,36,41/02;2,17/03	57381	12	52/02;15,16/03	62170	2	38/02	63050	2	17,46/02
54481	8	22,30,36/02	57400	4	12/03	62171	4	38,47/02	63054	3	19*,31/02
55001	4	18,29,36,37,42/02;14,15/03	57408	2	12/03	62174	15	11*,15/03	63055	2	29/02
			57420	3	12/03	62191	17	17*,19,31/02	63060	7	25,28,32/02
55040	4	15,18,23,27,28,31,32,39,41/02;16/03	57460	4	10,12/03	62193	17	17*,19,31/02	63062	7	18,28,29/02;7,16,18/03
55041	7	15,22,32/02	57471	3	12,15/03	62194	8	17*,18,19,31,36/02;4/03	63063	9	27,29/02
55042	1	18,21,27,28,42/02;17/03	57472	2	12/03	62195	6	22,36,41/02;1/03			
55043	2	21,23,27,28,37,39,42/02	57480	8	12,15/03	62225	3	17*,37/02;17/03			
55044	5	22,23,41,43/02;16/03	57484	19	15/03	62241	10	9/03			
55045	2	18,21,23,41/02	61000	20	10,15/03	62242	11	47/02;9/03			
55046	4	21,22,23,26,27,30,31,37,38,39,41,48/02;18/03	61015	8	17/02	62250	4	34,38/02			
55047	8	22,23,26,27/02	61018	4	18,24/02	62270	4	37,41/02			
55048	12	23,27,32,36,37,39,41,48/02	61020	2	17,28/02	62271	5	37,41/02;10/03			
			61021	3	18/02	62282	2	26/02			
55049	6	22,27,30,41,43/02	61036	8	27/02;7/03	62290	3	26,37,41/02;10/03			
55060	7	19,20,36,37/02	61040	6	10/03	62292	2	24/02			
55063	1	6/03	61050	4	10,15/03	62302	2	4/03			
55064	3	23,37,48/02;6/03	61051	7	15/03	62310	2	27/02			
55082	9	5/03	61060	5	12/03	62313	4	17*,27/02			
55084	7	39/02	61061	9	10,12,15/03	62330	2	38,40/02			
			61070	4	9/03	62340	3	38/02			
			61071	9	18/03	62343	3	8/03			
						62350	3	10/03			

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/02 THROUGH NM 18/03

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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.
63065	6	18/02	71265	3	46* 49/02;7,13,15,16/03	73580	4	52/02	74286	2	15,22,24/02
63070	3	20,27,28,29/02;16/03	71271	10	23,25,30,34,52/02	73581	4	16,52/02;3/03	74287	2	27,34,38,52/02;9/03
63080	5	26,27,28,31,48/02	71272	10	23,30,34/02	73590	6	16,31,47,52/02	74289	5	18,26/02;9/03
63090	8	25,31/02;15/03	71275	3	23,35/02;2,6,16/03	73601	3	15,17,24,26,31,34,35,47/02	74290	11	25,34,39,45,46,48,49,51/02;1,7,9,10,16/03
63091	4	26,27,32,39,48,52/02;9/03	71281	7	51/02	73610	4	26,31/02	74292	8	27,34,38/02;9/03
63100	2	15,44/02	71285	3	23,25,30,34,52/02;13/03	73631	4	36,46/02;1,17/03	74293	7	25,34,45,48/02;9,16/03
63101	15	17,19/02;15/03	71295	2	25,26,30,34,39,40,52/02;12/03	73640	5	23,36/02;16/03	74294	3	25,34,45/02
63102	19	17,19,26/02;15/03	71305	2	31,34,36/02;2,13/03	74000	6	24,36,47/02;2,7,18/03	74295	3	18,22/02;4,9/03
63103	17	17,26,29/02;15,16/03	71311	4	7/03	74002	2	18,25,27,28,35,47/02	74296	4	27,34,38,49/02;9/03
63110	4	40/02;16/03	71313	8	45/02	74003	5	22,25,28,47/02;7,10/03	74320	3	35/02;8,18/03
63111	9	17,25,48/02;9/03	71314	5	6,10/03	74004	2	18,35,37,39,47/02;9/03	74330	3	15/02
63120	2	44,48,52/02;8/03	71315	2	27,31,34/02	74005	2	18,19,31,34,35,46,47,51/02;4,7,9,16/03	74340	3	15,27/02;16/03
63121	5	48/02;5,8/03	71320	1	35/02;5,14/03	74006	2	26,31/02	74350	4	25/02;16/03
63150	1	15,25,31/02	71325	8	5/03	74007	1	36/02	74376	5	43/02;9,16/03
63200	5	52/02	71330	13	35/02;5/03	74008	6	15,51/02	74380	4	22,32/02;8,9/03
63201	9	40/02	71331	11	5,7,8/03	74009	10	20,22,25,38,49/02;8,9/03	74391	3	15/02
63210	3	45,52/02;16/03	71333	2	6,7/03	74010	10	17,20,22,26,37,40,49/02;6,8/03	74392	7	16,22,25,39/02
63220	5	26,45,52/02	71335	2	8/03	74012	10	17,20,22,26,37,40,49/02;6,8/03	74393	9	16,18,19,25,28,31,38,41,50/02;3/03
63230	6	17*,45/02	71340	11	18,19,22,40,46/02;2,4,5,6,7/03	74015	10	20,40/02	74394	2	18,19,28,31,41,49,50/02;3/03
63231	8	31,45/02	71343	3	7/03	74017	4	17,18,37,45/02;18/03	74410	3	16,20,25,38/02;7/03
63232	3	45/02	71348	3	18,35/02;7/03	74018	6	44/02	74415	1	39/02
63233	15	31/02	71350	8	15,18,20/02;5,6,7,14/03	74020	4	16,17,33,37,38,43/02;5,18/03	74420	3	45/02
63250	6	29,40/02;11/03	71400	5	14/03	74021	7	20,33,35,39,44/02;7,10/03	74430	2	49/02
63271	8	19,52/02;8/03	71401	1	40,46,51/02;5/03	74024	7	31,44/02	74440	3	32,39/02;2/03
63290	7	19,31,32,38/02;10/03	71402	1	18,40,46/02;4,5,6/03	74027	9	43,44/02	74450	3	21,22,26,49/02;2/03
63291	9	19,33/02;16/03	71410	1	39/02;12/03	74030	6	28,51/02	74455	3	19,21,23,48/02;1,4/03
63310	5	11/03	71420	1	38,39/02;3,12,14/03	74053	2	28,51/02	74460	4	21,22,26,37,40,46,49/02;6/03
63320	8	30/02	71430	3	11/03*	74054	2	28/02	74465	2	9/03
63321	6	30,42/02;9/03	71440	2	11/03*	74055	9	20,24,27,36,44/02;2/03	74470	2	8/03
63322	2	30/02;9/03	71445	1	7/03	74152	11	36,44/02	74475	2	44/02
63330	9	27,39/02;4/03	71450	1	22,25/02;7/03	74153	2	36,44/02;2/03	74480	2	44/02
63337	15	27,31,39/02;4/03	71455	2	11/03*	74162	4	36,46,47/02;8/03	74485	3	16,43/02
63400	1	39/02;8,11/03	71460	1	15,20,25,41/02	74171	4	33,36,47/02;3,10,18/03	74492	7	16/02
63410	6	39/02;8,9/03	71465	1	20/02	74172	5	36,47/02;7,10,18/03	74493	3	16,38,43,45/02
63413	5	39/02	71470	2	15,38/02;14/03	74181	8	23,28,33,35,37,38,39,47/02;10/03	74494	2	41/02;8,9,16/03
63417	2	39/02	72000	8	31,32,35,47,50/02;2/03	74182	12	23,24,25,26,28,33,35,37,38,39,41,42,44,51/02;6,10,17/03	74510	2	16,17,33,35,37/02;5,10,17,18/03
63420	2	39,45/02;8/03	72007	10	30,36,38,47,51/02;2,5,7,11/03	74183	11	38,39,42/02;4,6,17/03	74515	4	20,28,33,35,39/02;4,7,10/03
63424	2	45/02	72014	10	46/02;7/03	74184	10	23,24,28,33,35,37,38,46,48/02;17/03	74517	3	18,20,21,39,41/02;4/03
71005	1	34/02;2,6,12,13,16/03	72021	8	31,36,38,47,50,51/02;7/03	74186	7	18,34/02;4,10,17/03	74521	3	28,41/02
71006	5	39/02	72028	7	15,31,34/02	74190	7	22,23,26,35,36,37,46/02;1,16/03	74527	2	28/02
71009	3	39,46,48/02;1,6,7/03	72035	8	16,31/02;8/03	74192	3	24,26,28,35,46/02;1/03	74530	2	28,44/02
71012	3	19,33,39,46/02;1/03	72045	2	16/02;8/03	74200	8	18,21,27,28,37,46/02;1,8/03	74535	3	31,42,44,48/02
71018	10	15,33,35,37/02;7,12,13,15/03	72060	8	32,50/02	74210	7	25/02;7,17/03	74545	3	28,40/02;18/03
71027	9	15,19,20,22,24,25,34,38,45,49/02;2,4,5,14,18/03	72070	4	32/02;2,9/03	74220	8	17,23,25,26,35,47,51/02	74550	4	5/03
71033	31	15,23,37,38,49/02;3,12,14,15/03	72075	2	20/02;9/03	74221	2	35,51/02	74555	3	34,43,44,48,51/02;5/03
71036	8	35,44/02;12,14/03	72080	7	20,51/02;2,9/03	74229	2	17,22,23,33,37,43,47/02;18/03	74560	10	23,28,32,40,43,46,48,50/02;4,5,18/03
71040	5	27,34,42/02;7/03	72085	3	15/03*	74230	7	28,39,42/02;5,7/03	74562	2	5/03
71042	1	34/02	72094	2	29,38/02;7/03	74231	7	19,23,35/02;3/03	74581	9	20,26,32,34,36,40,41,43,45/02
71043	2	25/02*	72100	7	29/02;7/03	74232	9	15/02;5,7/03	74582	9	18,26,28,40/02;17/03
71044	1	27/02	72103	2	29/02;4,6,7/03	74234	2	24,34/02	74583	15	26,32,34,40,43,44,48/02
71058	2	23,36/02	72105	2	36,38/02;7,11/03	74240	8	15,34,39,42/02;4,5,7,8,9/03	74584	5	18,22,25,32,34,41,43,45/02
71059	1	23,36/02	72107	2	15,27,29/02;7/03	74251	8	15,17,23,25,26,31,32,34,37,42,44,46,51/02;6,9,17/03	74590	2	28,51/02
71061	15	23,36/02	72109	3	42,44/02	74252	9	19,47/02;5,7,9/03	74591	7	40/02;8/03
71066	1	39/02;6,7,10/03	72110	9	15/02	74253	6	15,17,19,23,25,27,32,47/02;8,9,16/03	74595	2	28/02
71071	5	15/02	72130	4	46/02	74261	9	15,25,41,49/02;4,10/03	75000	6	47/02;6/03
71081	3	16/02	72131	3	11/03	74265	2	15,17,18,19,25,31,38,41,43,47,49/02;7,9,16/03	75001	3	23,47/02;5,6/03
71091	4	1,2/03	72161	10	15/02;10/03	74270	3	18,19,26,31,38/02;7/03	75010	7	16,18,41,42,50/02
71140	6	33,39,46/02;1/03	72173	2	15/02	74271	9	19,28,38,46/02	75025	9	22,23,36,39/02;2,4,8/03
71180	29	33,37/02;7,12,13,15/03	72181	2	36/02;7,11/03	74272	7	26,32/02;4/03	75035	18	21,24,36,39/02;2,6/03
71183	13	32/02	72190	2	30/02;10/03	74273	5	18,19,31,38,41,43/02;7/03	75051	6	16/02;5/03
71185	24	7,13,15/03	72201	8	03	74281	7	3/03	75052	2	16/02
71186	2	7/03	72203	2	16/02	74282	2	46,49/02	75110	2	50/02
71210	18	44/02;3/03	72211	6	43/02;5,8/03	74283	2	31,34,35,45/02;1,9,16/03	75120	2	16,42/02
71211	4	38/02	72231	8	31/02				75130	16	16,18,21,27,31,34,41,50,51/02;5,7,8,16/03
71212	1	18,38/02	72234	2	18/03				75132	11	31/02;17/03
71223	8	17/02	72236	1	9,12/03				75134	3	23,27,33,51/02;5/03
71230	11	23,38/02;6/03	73000	9	26,40,52/02;10/03				75142	5	15,21,28,36,42,50/02
71241	10	18/02;6,12,16/03	73002	4	18,24,30/02;5,11/03				75143	4	15,20,28,32,33,36,38,42,50/02
71243	5	15/03*	73004	4	26/02;10/03				75144	3	20,31,33,36,42,51/02;4,10,18/03
71247	18	20,21/02;5,6,8,14,17/03	73006	2	26/02				75150	5	16,50/02;16/03
71248	2	N51/02*;N1/03	73008	8	16/02;11,13/03				75160	6	22,23,24/02;17,18/03
71249	2	35/02	73012	6	11/03*				75170	12	38,39/02;8/03
71251	11	20,35,40/02;1,15/03	73014	10	48,52/02						
71253	10	21,35,40,42/02;5,6,7,13,14,16,17/03	73016	4	15,44/02						
71255	5	6,14/03	73020	9	25/02;9/03						
71257	2	15,18,21,23,28/02;5,6,7,12,13,16/03	73024	3	39/02						
71258	2	15,18,20,21,28,35/02;5,6,7,13/03	73030	4	20/02						
71259	3	15*,17/03	73032	4	25/02;9/03						
71261	8	35/02;2,16/03	73041	2	18/02;5/03						
71262	7	6/03	73191	3	7/03						
			73271	7	21/02;13/03						
			73521	4	25,34,45/02;1,7,9,10/03						
			73552	4	25,34,45/02;1,7,9,10/03						
			73570	7	34,45/02;1,10/03						

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/02 THROUGH NM 18/03

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.
95262	13	41,46/02;1,6,9/03	97143	11	21,31,43,45/02;9,13/03	97270	6	36,44/02;1,5/03	807861	2	N27/02
95264	8	48/02	97144	14	44*,46/02;7,8,9,13/03	97271	12	17,18,25,29,37,39/02;6,10,12/03	808365	2	N14/03
95267	5	17/02;13/03	97145	1	15,22,43/02;8,9/03				808528	1	N25/02
95268	16	39,48/02;6,9,13/03	97146	10	44/02*;15/03	97272	11	19,52/02;6,10,12,14/03	809055	7	N16/03
95270	4	48/02;9,10,13/03	97148	9	21*,23,45/02;9/03	97273	10	19,27,34,42,45,49/02;6,8,9,13,14,15,18/03	809310	9	N18,N39/02
95271	4	44,48/02;9,10,12,13/03	97149	20	25,34,35,44,45/02;1,16/03	97274	19	19,27,31,34,39,45/02;6,9,15,17,18/03	809679	2	N25,N50/02;N12/03
95273	2	48/02	97150	13	34,39,43,44/02						
95274	3	48/02	97151	16	31,35,44,45/02;12,13,14,16/03	97276	1	27,29,40/02;9/03			
95276	3	21/02*				97277	11	17,27/02;1,5,6,8,9,14/03			
95280	9	17,48/02;8/03	97152	8	37/02	97278	11	39/02;1/03			
95281	15	7,10,14/03	97153	7	31/02;16/03	97279	9	27/02;9/03			
95282	7	46,52/02;4,6,9/03	97154	2	36/02	97280	4	52/02			
95285	3	18/03	97155	14	20,31,35,36,37,39,40,48/02;12,13,18/03	97281	2	41/02			
95300	5	16,45,48,52/02				97283	3	45/02;9/03			
95320	15	35,38/02	97156	6	21,37/02;1,14/03	97285	6	19,23,27,31,34,42/02;7,13,17/03			
95341	8	18,19,42,47/02;1,10/03	97157	1	35,37/02						
95342	16	30/02;9,13,16/03	97159	6	33,39/02;7,14,16/03	97286	6	21,23,25,27,31,34,35,36,41,42/02;6,8,10,13,17/03			
96004	14	16,17,44,45/02	97163	14	23/02;14/03						
96020	4	41/02	97164	1	7,14,16/03	97287	5	34/02			
96032	3	38/02	97165	1	7,16/03	97300	6	1,13/03			
96039	7	16,17,30/02	97166	1	33/02	97303	3	18,25,47,48/02			
96041	11	16,17,30/02	97167	2	23,33/02	97320	6	33/02;14/03			
96042	11	16/02;10/03	97180	6	22,31,34,39,43,45,46,48/02;4,8,13/03	97340	8	27,33,38,52/02;16,17,18/03			
96043	8	16/02									
96044	10	29,30/02	97181	20	18,22,25,31,34,46,48/02;1,4,7,8,12,13,14,17,18/03	97341	9	27,34/02;16/03			
96120	6	30/02				97342	14	27,38/02;17,18/03			
96140	5	30/02	97182	13	18,21,23,31,34,39,46,48/02;1,4,5,6,7,8,12,14,17,18/03	97343	12	27,38/02;17/03			
96379	1	10/03				97360	6	20,23,27,38/02;5,7,13,18/03			
96381	2	10/03	97183	9	25,44/02;5,9,14,16,18/03	97380	7	21,39,47,52/02;1,2,8,16/03			
96382	2	10,12/03	97184	15	25,28,47/02;1,7,12,14,18/03						
96400	4	12/03				97381	7	27/02;7,13/03			
96441	1	41/02;10/03	97185	2	43/02;1,7/03	97382	2	41,45/02;4/03			
96480	3	41/02	97187	3	44,48/02;9,18/03	97383	16	31/02;5,7,13/03			
96500	6	41/02;10/03	97188	2	1,7,13,17/03	97384	4	47/02			
96520	7	10/03	97189	2	25,28,44/02;9,14,18/03	97385	10	31,52/02;5,6,7,9/03			
96521	3	N19/02*	97190	2	22,34,39,52/02;8,13/03	97387	2	4,5,7/03			
96540	5	10/03	97200	9	52/02;8,16,17/03	97389	1	39/02			
96560	5	10/03	97201	7	18/03	97390	5	31,39,40/02;2,5,12,16/03			
96580	3	10/03	97202	15	43,44,52/02	97391	26	31/02;6,7,12,16/03			
96621	5	10/03	97204	9	28,29,45,52/02;4,6,10/03	97392	5	21/02;1/03			
96645	1	26/02	97205	3	18/03	97396	14	18,21,36,39,40/02;2,16,17/03			
96760	4	29,35,45/02	97218	3	21,41/02;6/03						
96762	3	29/02;17/03	97219	4	21,25,31/02;6,9,13/03	97397	7	18,25,39,49/02;16/03			
96763	7	29,43,48/02;9,17/03	97220	3	21,24,31,37,39,42,43,44/02;6,8,9,17,18/03	97398	3	21,25,49/02			
96764	2	19/02;7/03				97400	3	25,26/02;1,12,17/03			
96800	4	19*,41/02	97221	20	21,24,31,37,39,42,44,45,49,52/02;6,8,9,10,13,17,18/03	97410	8	21/02;17/03			
96840	3	19/02				97412	7	40/02			
96901	3	19,27/02;7/03	97222	12	25,28,47/02;10/03	97420	17	21,34,39,42,47,52/02;1,8,10/03			
96902	2	45/02	97223	3	42,44,48/02;16,17/03	97421	13	20,35,36/02;1,10,13/03			
96904	2	27,41/02;12/03	97224	6	18,25,27,46,47,49/02	97423	2	20,35,36/02;1,13/03			
96906	2	27/02	97225	31	21,24,37,39,42,44,45/02;6,8,9,10,17,18/03	97425	6	34,39,47,52/02;1,6,8,10/03			
96910	1	10/03				97440	8	20,23,27,52/02;1,16/03			
96937	2	40/02	97226	7	17/02;18/03	97441	5	20,46/02			
96938	4	4/03	97227	11	21,24,42,43/02;9,18/03	97443	6	15/03			
96939	3	4,7,9/03	97228	15	21,28,30,39,40,42,43/02;5,6,9,15,17,18/03	97460	7	40/02;5/03			
96941	8	47/02				97461	9	21/02;5,8/03			
96943	15	44/02;1,9,10,12/03	97229	12	18,24,27,31,36,39,47/02;6,8,9,18/03	97465	9	21/02;1,6,8/03			
96944	6	45,52/02;6,13/03				97466	2	25,46/02;1/03			
96945	3	43,52/02	97230	18	29,36,52/02;6,9/03	97469	10	26/02;1,6,8/03			
96947	15	6,12,13/03	97231	11	21,41/02;6/03	97471	5	N31/02			
96949	21	45/02	97232	8	15,20,25/02	97472	8	34/02			
96960	3	7/03	97233	11	31,33,43,44,49/02;1,5,6,9,15,16/03	97474	7	21/02			
96962	4	19,30,35/02;1,9/03				97480	7	21,35,52/02;3,9,10,17,18/03			
97000	3	17/03	97234	17	29,43,47,49/02;1,6,8,9,16/03						
97021	7	16/02				97481	6	47,49/02;9,18/03			
97026	10	23/02	97236	20	31,47/02;9,16/03	97483	7	48,52/02			
97029	3	19/02	97239	10	31,33/02;1,5,9,16/03	97521	6	19,42/02;16,18/03			
97040	5	43,47/02	97241	6	10/03	97564	3	16/03			
97041	9	45,47/02;10,12/03	97243	8	21,28,29,31,33,48/02;1,5,6/03	800669	8	N20/02			
97042	7	14/03				800744	1	N22,N49/02;N5,N12,N13,N16/03			
97043	2	17,23/02;14/03	97244	5	9/03						
97060	8	46/02;12,14/03	97245	11	17,28,36/02;1,5,9/03	801217	1	N21/02;N6,N8/03			
97061	3	52/02	97246	7	43,52/02;5/03	801885	3	N28/02			
97062	12	27,44/02;6,10/03	97251	4	6,10,17/03	802202	8	N23,N31,N35/02;N1,N7/03			
97064	2	6,14/03	97261	15	17,18,41/02;1,5,7,18/03						
97080	5	16/03	97262	10	21,29,34/02;1,5,6,7,15/03	802260	5	N20/02			
97082	5	24,46/02;16/03				803404	2	N26/02			
97083	3	24/02	97263	10	5,7,9,15,18/03	804037	1	N28/02			
97100	4	20,28,42,47/02;16,17/03	97266	5	17,37,41/02;1,5,6,7,14,15,18/03	804059	2	N20/02			
97101	1	28/02				804567	4	N17/02			
97104	4	20/02;7/03	97267	16	17,18,25,29,40,41/02;1,5,6,8,10,13,18/03	805118	3	N12/03			
97105	3	20/02				805647	2	N37,N51/02			
97120	6	15,22,28,31,37,40,42,43/02;9,14,16,17/03	97268	10	6/03	807370	5	N17/03			
97140	17	15,22,33,37,39,43,45/02;7,9,14,16/03	97269	11	20,45/02;8,13,18/03						
97141	5	19,21,40,46/02;8,13/03									

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			
	MISCELLANEOUS CHARTS AND PUBLICATIONS						
DNCDX015 (7644014337963)	Gulf of Mexico/Straits of Florida		<u>24</u>	<u>3/03</u>	DS	10-43	18/03
COMDTM165024 (7642014011223)	<u>Light List (Vol. IV)-Gulf of Mexico (Econfina River, Florida to Rio Grande River, Texas), 2003</u>				GPO	10-25	18/03
COMDTM165026 (7642014007846)	<u>Light List (Vol. VI)-Pacific Coast and Pacific Islands, 2003</u>				GPO	10-25	18/03
COMDTM165027 (7642014010834)	<u>Light List (Vol. VII)-Great Lakes (United States and Canada), 2003</u>				GPO	10-25	18/03

Price Categories effective 1 October 2002

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NAVIGATION PUBLICATIONS

USCG LIGHT LIST VOLUMES I - VII
CORRECTIONS

VOLUME IV (USCG)	Ed 2003	NEW EDITION 18/03
VOLUME VI (USCG)	Ed 2003	NEW EDITION 18/03
VOLUME VII (USCG)	Ed 2003	NEW EDITION 18/03

SAILING DIRECTIONS CORRECTIONS

PUB 183 **5 Ed 2001** **LAST NM 16/02**
Page 35—Lines 19 to 36/L; read:

Depths—Limitations.—The main approach channel is 8 miles long and the fairway has a least depth of 8.8m.

No. 1 Pier, the northernmost pier, is 120m long and has a depth of 5.5m alongside. No. 2 Pier, the southernmost pier, is 90m long and has a depth of 5.6m alongside. No. 3 Pier and No. 4 Pier are 138m and 110m long, respectively, and have depths of 7m alongside. No. 9 Pier, situated 0.5 mile ESE of Mys Smol'nyy Navolok, is 110m long and has a depth of 3.8m alongside. It is used mostly by river craft.

There are facilities for general cargo and bulk vessels. Vessels up to 200m in length and 7.5m draft can be accommodated alongside. It is reported (2002) that the alongside depths have been increased and vessels up to 9.8m draft have been accommodated at HW.

A new terminal, known as the Beloye Oil Terminal at Vitino Sea Port, has been constructed within the harbor area. The main approach channel leading to this terminal is 14 miles long and the fairway has a least depth of 12.5m.

Berth No. 1 is used only by tugs and service craft. Berth No. 2 and Berth No. 3 are 180m long and have depths of 4m alongside. Berth No 4 is 186m long and has a depth of 13.7m alongside. Tankers up to 200m in length, 30m beam, and 11.4m draft can be accommodated alongside.

Pilotage.—Pilotage is compulsory for all foreign vessels and vessels with drafts over 4m. Vessels should send a request for pilotage and an ETA through the agent 24 hours in advance. They should then send a confirmation by VHF 4 hours prior to arrival. Pilots can be contacted by VHF and board about 1 mile SE of Gorelyy Islands or in position 66°54.2'N, 32°42.3'E.

Vessels bound for the Beloye Oil Terminal at Vitino Sea Port should send an ETA and request for pilotage 48 hours and 24 hours in advance, with a confirmation 4 hours prior to arrival.

Anchorage.—Vessels can anchor in the outer roads, in depths of 35 to 40m, mud, in position 67°08'N, 32°23'E or, in depths of 22 to 37m, in position 66°54'N, 32°40'E (near Sedlovataya Island).

(Lloyds Ports; BA NP 286) 18/03

PUB 191 **9 Ed 2000** **LAST NM 15/03**
Page 42—Line 48/L; read:

circular area, with a radius of 40 miles, centered on Ile d'Ouessant.

(BA NP 286) 18/03

PUB 193 **8 Ed 2000** **LAST NM 52/02**
Page 4—Lines 18 to 20/R; read:

Regulations.—Speed is limited to 5 knots when navigating in waters less than 100m from the shore, boat harbors, anchored boats, etc.; and within 50m of public and

(BA NP 56) 18/03

Page 4—Line 50/R; read:

requested to keep within 4 miles of the coast in the area E of Lindesnes as the main fishing ground lies to seaward of this limit.

(BA NP 56) 18/03

Page 5—Lines 50 to 55/R; read:

Directions.—From a position located about 4 miles S of Lindesnes, the coastal route leads E and then ENE for 15 miles to a position S of Mandal (58°02'N., 7°28'E.). It passes outside the 200m curve and clear of all dangers. The route then continues E for 6 miles and ENE for 16 miles to a position SSE of Kristiansand. It passes inside the main fishing ground.

(BA NP 56) 18/03

COAST PILOT CORRECTIONS

COAST PILOT 1 **32 Ed 2001** **Change No. 25**
LAST NM 10/03

Page 83—Paragraph 1498; insert after:

§165.115 Safety and Security Zones; Pilgrim Nuclear Power Plant, Plymouth, Massachusetts.

(a) *Location.* All waters of Cape Cod Bay and land adjacent to those waters enclosed by a line beginning at position 41°57'05"N., 070°34'42"W.; then running southeast to position 41°56'40.5"N., 070°41'4.5"W.; then running southwest to position 41°56'32"N., 070°34'14"W.; then running northwest to position 41°56'55.5"N., 070°34'52"W.; then running northeast back to position 41°57'05"N., 070°34'42"W.

(b) *Regulations.* (1) In accordance with the general regulations in §§165.23 and 165.33 of this part, entry into or movement within these zones is prohibited unless authorized by the Captain of the Port Boston.

(2) All vessel operators shall comply with the instructions of the COTP or the designated on-scene U.S. Coast Guard patrol personnel. On-scene Coast Guard patrol personnel include commissioned, warrant, and petty officers of the Coast Guard on board Coast Guard, Coast Guard Auxiliary, local, state, and federal law enforcement vessels.

(3) No person may enter the waters or land area within

COAST PILOT 1 (Continued)

the boundaries of the safety and security zones unless previously authorized by the Captain of the Port, Boston or his authorized patrol representative.
(FR 5/30/02) 18/03

COAST PILOT 1 32 Ed 2001 Change No. 26

Page 6—Paragraph 133, line 7; read:
principal seaports. Light Lists are also available to view on the USCG Navigation Center internet site at www.navcen.uscg.gov/pubs/lightlists/lights.htm. Mariners should refer to these publications for detailed ...
(08/03 CG7) 18/03

Page 59—Paragraph 710, line 5 to Page 61—Paragraph 838; read:
subject to any penalties under 33 U.S.C. 1232.

Subpart C—Notification of Arrival, Hazardous Conditions, and Certain Dangerous Cargos**§160.201 General.**

This subpart contains requirements and procedures for submitting Notices of Arrival (NOA) and Notice of Hazardous Condition. The sections in this subpart describe:

- (a) Applicability and exemptions from requirements in this subpart;
- (b) Required information in an NOA;
- (c) Required changes to an NOA;
- (d) Methods and times for submission of an NOA and changes to an NOA;
- (e) How to obtain a waiver; and
- (f) Requirements for submission of the Notice of Hazardous Conditions.

§160.202 Applicability.

- (a) This subpart applies to U.S. and foreign vessels bound for or departing from ports or places in the United States.
- (b) This subpart does not apply to recreational vessels under 46 U.S.C. 4301 *et seq.*
- (c) Unless otherwise specified in this subpart, the owner, agent, master, operator, or person in charge of a vessel regulated by this subpart is responsible for compliance with the requirements in this subpart.
- (d) Towing vessels controlling a barge or barges required to submit an NOA under this subpart must submit only one NOA containing the information required for the towing vessel and each barge under its control.

§160.203 Exemptions.

- (a) Except for reporting notice of hazardous conditions, the following vessels are exempt from requirements in this subpart:
 - (1) Passenger and supply vessels when they are employed in the exploration for or in the removal of oil, gas, or mineral resources on the continental shelf.
 - (2) Oil Spill Recovery Vessels (OSRVs) when engaged in actual spill response operations or during spill response exercises.
 - (3) Vessels operating upon the following waters:

- (i) Mississippi River between its sources and mile 235, Above Head of Passes;

- (ii) Tributaries emptying into the Mississippi River above mile 235;

- (iii) Atchafalaya River above its junction with the Plaquemine-Morgan City alternate waterway and the Red River; and

- (iv) The Tennessee River from its confluence with the Ohio River to mile zero on the Mobile River and all other tributaries between those two points.

- (b) If not carrying certain dangerous cargo or controlling another vessel carrying certain dangerous cargo, the following vessels are exempt from NOA requirements in this subpart:

- (1) Vessels 300 gross tons or less, except for vessels entering any port or place in the Seventh Coast Guard District as described in 33 CFR 3.35–1(b).

- (2) Vessels operating exclusively within a Captain of the Port Zone.

- (3) Vessels arriving at a port or place under force majeure.

- (4) Towing vessels and barges operating solely between ports or places in the continental United States.

- (5) Public vessels.

- (6) Except for tank vessels, U.S. vessels operating solely between ports or places in the United States on the Great Lakes.

- (c) Vessels less than 500 gross tons need not submit the International Safety Management (ISM) Code Notice (Entry (7) to Table 160.206).

- (d) Vessels operating solely between ports or places in the continental United States need not submit the Cargo Declaration (Customs Form 1302), (Entry (8) to Table 160.206).

- (e) This section does not exempt any vessel from compliance with the U.S. Customs Service (USCS) reporting or submission requirements.

§160.204 Definitions.

As used in this subpart:

Agent means any person, partnership, firm, company or corporation engaged by the owner or charterer of a vessel to act in their behalf in matters concerning the vessel.

Barge means a non-self propelled vessel engaged in commerce.

Carried in bulk means a commodity that is loaded or carried on board a vessel without containers or labels and received and handled without mark or count.

Certain dangerous cargo (CDC) includes any of the following:

- (1) Division 1.1 or 1.2 explosives as defined in 49 CFR 173.50.

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

- (3) Division 2.3 “poisonous gas”, as listed in 49 CFR 172.101 that is also a “material poisonous by inhalation” as defined in 49 CFR 171.8, and that is in a quantity in excess of 1 metric ton per vessel.

- (4) Division 5.1 oxidizing materials for which a permit

COAST PILOT 1 (Continued)

is required under 49 CFR 176.415 or for which a permit is required as a condition of a Research and Special Programs Administration exemption.

(5) A liquid material that has a primary or subsidiary classification of Division 6.1 “poisonous material” as listed 49 CFR 172.101 that is also a “material poisonous by inhalation,” as defined in 49 CFR 171.8 and that is in a bulk packaging, or that is in a quantity in excess of 20 metric tons per vessel when not in a bulk packaging.

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

(7) Bulk liquefied chlorine gas and Bulk liquefied gas cargo that is flammable and/or toxic and carried under 46 CFR 154.7.

(8) The following bulk liquids:

- (i) Acetone cyanohydrin,
- (ii) Allyl alcohol,
- (iii) Chlorosulfonic acid,
- (iv) Crotonaldehyde,
- (v) Ethylene chlorohydrin,
- (vi) Ethylene dibromide,
- (vii) Methacrylonitrile, and
- (viii) Oleum (fuming sulfuric acid).

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

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

Great Lakes means Lakes Superior, Michigan, Huron, Erie, and Ontario, their connecting and tributary waters, the Saint Lawrence River as far as Saint Regis, and adjacent port areas.

Gross tons means the tonnage determined by the tonnage authorities of a vessel’s flag state in accordance with the national tonnage rules in force before the entry into force of

the International Convention on Tonnage Measurement of Ships, 1969 (“Convention”). For a vessel measured only under Annex I of the Convention, gross tons means that tonnage. For a vessel measured under both systems, the higher gross tonnage is the tonnage used for the purposes of the 300-gross-ton threshold.

Hazardous condition means any condition that may adversely affect the safety of any vessel, bridge, structure, or shore area or the environmental quality of any port, harbor, or navigable waterway of the United States. It may, but need not, involve collision, allision, fire, explosion, grounding, leaking, damage, injury or illness of a person aboard, or manning-shortage.

Nationality means the state (nation) in which a person is a citizen or to which a person owes permanent allegiance.

Operator means any person including, but not limited to, an owner, a charterer, or another contractor who conducts, or is responsible for, the operation of a vessel.

Persons in addition to crewmembers mean any person onboard the vessel, including passengers, who are not included on the list of crewmembers.

Port or place of departure means any port or place in which a vessel is anchored or moored.

Port or place of destination means any port or place in which a vessel is bound to anchor or moor.

Public vessel means a vessel that is owned or demise- (bareboat) chartered by the government of the United States, by a State or local government, or by the government of a foreign country and that is not engaged in commercial service.

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

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

§160.206 Information required in an NOA.

(a) Each NOA must contain all of the information items specified in Table 160.206

TABLE 160.206.—NOA INFORMATION ITEMS

Required information	Vessels not carrying CDC	Vessels	Towing vessels controlling vessels carrying CDC
<i>(1) Vessel Information:</i>			
(i) Name;	X	X	X
(ii) Name of the registered owner;	X	X	X
(iii) Country of registry;	X	X	X
(iv) Call sign;	X	X	X
(v) International Maritime Organization (IMO) international number or, if vessel does not have an assigned IMO international number, substitute with official number;	X	X	X
(vi) Name of the operator;	X	X	X
(vii) Name of the charterer; and	X	X	X
(viii) Name of classification society.	X	X	X

COAST PILOT 1 (Continued)

(2) <i>Voyage Information:</i> (i) Names of last five ports or places visited; (ii) Dates of arrival and departure for last five ports or places visited; (iii) For each port or place in the United States to be visited, list the names of the receiving facility, the port or place, the city, and the state; (iv) For each port or place in the United States to be visited, the estimated date and time of arrival; (v) For each port or place in the United States to be visited, the estimated date and time of departure; (vi) The location (port or place and country) or position (latitude and longitude or waterway and mile marker) of the vessel at the time of reporting; and (vii) The name and telephone number of a 24-hour point of contact.	X X X X X X X	X X X X X X X	X X X X X X X
(3) <i>Cargo Information:</i> (i) A general description of cargo, other than CDC, onboard the vessel (e.g.: grain, container, oil, etc); (ii) Name of each certain dangerous cargo carried, including cargo UN number, if applicable; and (iii) Amount of each certain dangerous cargo carried.	X	X X X	X X X
(4) <i>Information for each Crewmember Onboard:</i> (i) Full name; (ii) Date of birth; (iii) Nationality; (iv) Passport or mariners document number (type of identification and number); (v) Position or duties on the vessel; and (vi) Where the crewmember embarked (list port or place and country).	X X X X X X	X X X X X X	X X X X X X
(5) <i>Information for each Person Onboard in Addition to Crew:</i> (i) Full name; (ii) Date of birth; (iii) Nationality; (iv) Passport number; and (v) Where the person embarked (list port or place and country).	X X X X X	X X X X X	X X X X X
(6) <i>Operational condition of equipment required by §164.35 of this chapter.</i>	X	X	X
(7) <i>International Safety Management (ISM) Code Notice:</i> (i) The date of issuance for the company's Document of Compliance certificate that covers the vessel; (ii) The date of issuance for the vessel's Safety Management Certificate; and (iii) The name of the Flag Administration, or the recognized organization(s) representing the vessel flag administration, that issued those certificates.	X X X	X X X	X X X
(8) <i>Cargo Declaration (Customs Form (1302) as described in 19 CFR 4.7.</i>	X	X	X

(b) Vessels operating solely between ports or places in the continental United States need submit only the name of and date of arrival and departure for the last port or places visited to meet the requirements in entries (2)(i) and (ii) to Table 160.206 of this section.

(c) You may submit a copy of INS Form I-418 to meet the requirements of entries (4) and (5) in Table 160.206.

(d) Any vessel planning to enter two or more consecutive ports or places in the United States during a single voyage may submit one consolidated Notification of Arrival at least 96 hours before entering the first port or place of destination. The consolidated notice must include the name of the port or place and estimated arrival date for each destination of the voyage. Any vessel submitting a consolidated notice under this section must still meet the requirements of §160.208 of this part concerning requirements for charges to an NOA.

§160.208 Changes to a submitted NOA.

(a) Unless otherwise specified in this section, when submitted NOA information changes, vessels must submit a notice of change within the times required in §160.212.

(b) Changes in the following information need not be reported:

(1) Changes in arrival or departure times that are less than six (6) hours;

(2) Changes in vessel location or position of the vessel at the time of reporting (entry (2)(vi) to Table 160.206); and

(3) Changes to crewmembers' position or duties on the vessel (entry (5)(v) to Table 160.206).

(c) When reporting changes, submit only the name of the vessel, original NOA submission date, the port of arrival, the specific items to be corrected, and the new location or position of the vessel at the time of reporting. Only changes to

COAST PILOT 1 (Continued)

NOA information need to be submitted.

§160.210 Methods for submitting an NOA.

(a) *Submission to the National Vessel Movement Center (NVMC).* Except as provided in paragraphs (b) and (c) of this section, all vessels required to submit NOA information in §160.206 (entries 1-7 to Table 160.206) to the NVMC, United States Coast Guard, 408 Coast Guard Drive, Kearneysville, WV, 25430, shall do so by:

- (1) Telephone at 1-800-708-9823 or 304-264-2502;
- (2) Fax at 1-800-547-8724 or 304-264-2684; or
- (3) E-mail at SANS@NVMC.USCG.gov.

Note to paragraph (a): Information about the National Vessel Movement Center is available on its Web site at <http://www.nvmc.uscg.gov/>. You may submit the notice using any electronic format available on the NVMC website.

(b) *Saint Lawrence Seaway transits.* Those vessels transiting the Saint Lawrence Seaway inbound, bound for a port or place in the United States, may meet the submission requirements of paragraph (a) of this section by submitting the required information to the Saint Lawrence Seaway Development Corporation and the Saint Lawrence Seaway Management Corporation of Canada by fax at 315-764-3235 or at 315-764-3200. The Cargo Declaration (Customs Form 1302) in entry (8) in Table 160.206 must be submitted electronically to the USCS, as required by paragraph (d) of this section.

(c) *Seventh Coast Guard District.* Those vessels 300 or less gross tons operating in the Seventh Coast Guard District must submit an NOA to the cognizant Captain of the Port (COTP). The Cargo Declaration (Customs Form 1302) in entry (8) in Table 160.206 must be submitted electronically to the USCS, as required by paragraph (d) of this section.

(d) *Submission to the United States Customs Service's Sea Automated Manifest System (AMS).*

(1) Beginning July 1, 2003, the Cargo Declaration (Customs Form 1302) in entry (8) in Table 160.206 must be submitted electronically to the USCS Sea AMS by one of the following methods:

- (i) By direct connection with USCS or by purchasing the proper software; or
- (ii) Using a service provider or a Port Authority.

(2) To become a participant in Sea AMS, submitters must provide a letter of intent to USCS prior to first submission.

§160.212 When to submit an NOA.

(a) *Submission of NOA.* (1) Except as set out in paragraph (a)(2) of this section, all vessels must submit NOAs within the times required in paragraph (a)(3) of this section.

(2) Towing vessels, when in control of a vessel carrying CDC and operating solely between ports or places in the continental United States, must submit an NOA before departure but at least 12 hours before entering the port or place of destination.

(3) Times for submitting NOAs are as follows:

(i) 96 hours or more; or	Before departure but at least 96 hours before entering the port or place of destination; or
(ii) Less than 96 hours	Before departure but at least 24 hours before entering the port or place of destination.

(b) *Submission of changes to NOA.* (1) Except as set out in paragraph (b)(2) of this section, vessels must submit changes in NOA information within the times required in paragraph (b)(3) of this section.

(2) Towing vessels, when in control of a vessel carrying CDC and operating solely between ports or places in the continental United States, must submit changes to an NOA as soon as practicable but at least 6 hours before entering the port or place of destination.

(3) Times for submitting changes to NOAs are as follows:

If your remaining voyage time is—	Then you must submit changes to an NOA—
(i) 96 hours or more;	As soon as practicable but at least 24 hours before entering the port or place of destination;
(ii) Less than 96 hours but not less than 24 hours; or	As soon as practicable but at least 24 hours before entering the port or place of destination; or
(iii) Less than 24 hours	As soon as practicable but at least 12 hours before entering the port or place of destination.

(c) *Submission of the Cargo Declaration (Customs Forms 1302).* (1) Except as set out in paragraph (c)(2) of this section, all vessels must submit to USCS the Cargo Declaration (Customs Form 1302) in entry (8) to Table 160.206, within the times required in paragraph (a)(3) of this section.

(2)(i) Except for vessels carrying containerized cargo or break bulk cargo, vessels carrying bulk cargo may submit the Cargo Declaration (Customs Form 1302). Entry (8) to Table 160.206) before departure but at least 24 hours before entering the U.S. port or place of destination.

(ii) Vessels carrying break bulk cargo operating under a USCS exemption granted under 19 CFR 4.7(b)(4)(ii) may, during the effective period of the USCS exemption submit the Cargo Declaration (Customs Form 1302), (Entry (8) to Table 160.206) before departure but at least 24 hours before entering the U.S. port or place of destination.

§160.214 Waivers.

The Captain of the Port may waive, within that Captain of the Port's designated zone, any of the requirements of this subpart for any vessel or class of vessels upon finding that the vessel, route area of operations, conditions of the voyage,

If your voyage time is—	You must submit an NOA—
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COAST PILOT 1 (Continued)

or other circumstances are such that application of this subpart is unnecessary or impractical for purposes of safety, environmental protection, or national security.

§160.215 Notice of hazardous conditions.

Whenever there is a hazardous condition either aboard a vessel or caused by a vessel or its operation, the owner, agent, master, operator, or person in charge shall immediately notify the nearest Coast Guard Marine Safety Office or Group Office. (Compliance with this section does not relieve responsibility for the written report required by 46 CFR 4.05–10.)

(FR 2/28/03)

18/03

**COAST PILOT 2 32 Ed 2003 Change No. 1
LAST NM 17/03**

Page 8—Paragraph 143, line 8; read:

seaports. Light Lists are also available to view on the USCG Navigation Center internet site at www.navcen.uscg.gov/pubs/lightlists/lightlists.htm. Mariners should refer to these publications for ...

(08/03 CG7)

18/03

Page 29—Paragraphs 510 to 511; strike out.

(NOS/03)

18/03

Page 378—Paragraph 234, lines 9 to 10; read:

marine supplies, launching ramps, pump-out stations and hull and engine repair; mobile lifts up to 50 tons are available. The basin ...

(CL 83/03)

18/03

COAST PILOT 2 32 Ed 2003 Change No. 2

Page 91—Paragraph 1183, line 3; read:

with the bridge descriptions in chapters 4 through 12.

Part 157-Rules for the Protection of the Marine Environment relating to Tank Vessels Carrying Oil in Bulk.**Subpart A-General****§157.01 Applicability.**

(a) Unless otherwise indicated, this part applies to each vessel that carries oil in bulk as cargo and that is:

(1) Documented under the laws of the United States (a U.S. vessel); or

(2) Any other vessel that enters or operates in the navigable waters of the United States, or that operates, conducts lightering under 46 U.S.C. 3715, or receives cargo from or transfers cargo to a deepwater port under 33 U.S.C. 1501 et seq., in the United States Exclusive Economic Zone, as defined in 33 U.S.C. 2701(8).

(b) This part does not apply to a vessel exempted under 46 U.S.C. 2109 or 46 U.S.C. 3702.

§157.02 Incorporation by reference.

(a) Certain material is incorporated by reference into this

part with the approval of the Director of the Federal Register under 5 U.S.C. 552(a) and 1 CFR part 51. To enforce any edition other than that specified in Paragraph (b) of this section, the Coast Guard must publish notice of change in the FEDERAL REGISTER; and the material must be available to the public. All approved material is available for inspection at the Office of the Federal Register, 800 North Capitol Street NW., suite 700, Washington, DC, and at the U.S. Coast Guard, Office of Operating and Environmental Standards (G-MSO), 2100 Second Street SW., Washington, DC 20593-0001, and is available from the sources indicated in Paragraph (b) of this section.

(b) The material approved for incorporation by reference in this part and the sections affected are as follows:

§157.03 Definitions.

Except as otherwise stated in a subpart:

Amidships means the middle of the length.

Animal fat means a non-petroleum oil, fat, or grease derived from animals and not specifically identified elsewhere in this part.

Ballast voyage means the voyage that a tank vessel engages in after it leaves the port of final cargo discharge.

Breadth or B means the maximum molded breadth of a vessel in meters.

Cargo tank length means the length from the forward bulkhead of the forwardmost cargo tanks, to the after bulkhead of the aftermost cargo tanks.

Center tank means any tank inboard of a longitudinal bulkhead.

Clean ballast means ballast which:

(1) If discharged from a vessel that is stationary into clean, calm water on a clear day, would not—

(i) Produce visible traces of oil on the surface of the water or on adjoining shore lines; or

(ii) Cause a sludge or emulsion to be deposited beneath the surface of the water or upon adjoining shore lines; or

(2) If verified by an approved cargo monitor and control system, has an oil content that does not exceed 15 p.m.

Combination carrier means a vessel designed to carry oil or solid cargoes in bulk.

Crude oil means any liquid hydrocarbon mixture occurring naturally in the earth, whether or not treated to render it suitable for transportation, and includes crude oil from which certain distillate fractions may have been removed, and crude oil to which certain distillate fractions may have been added.

Deadweight or DWT means the difference in metric tons between the lightweight displacement and the total displacement of a vessel measured in water of specific gravity 1.025 at the load waterline corresponding to the assigned summer freeboard.

Dedicated clean ballast tank means a cargo tank that is allocated solely for the carriage of clean ballast.

Domestic trade means trade between ports or places within the United States, its territories and possessions, either directly or via a foreign port including trade on the navigable rivers, lakes, and inland waters.

Double bottom means watertight protective spaces that do

COAST PILOT 2 (Continued)

not carry any oil and which separate the bottom of tanks that hold any oil within the cargo tank length from the outer skin of the vessel.

Double hull means watertight protective spaces that do not carry any oil and which separate the sides, bottom, forward end, and aft end of tanks that hold any oil within the cargo tank length from the outer skin of the vessel as prescribed in §157.10d.

Doubles sides means watertight protective spaces that do not carry any oil and which separate the sides of tanks that hold any oil within the cargo tank length from the outer skin of the vessel.

Existing vessel means any vessel that is not a new vessel.

Fleeting or assist towing vessel means any commercial vessel engaged in towing astern, alongside, or pushing ahead, used solely within a limited geographic area, such as a particular barge fleeting area or commercial facility, and used solely for restricted service, such as making up or breaking up larger tows.

Foreign trade means any trade that is not domestic trade.

From the nearest land means from the baseline from which the territorial sea of the United States is established in accordance with international law.

Fuel oil means any oil used as fuel for machinery in the vessel in which it is carried.

Inland vessel means a vessel that is not oceangoing and that does not operate on the Great Lakes.

Instantaneous rate of discharge of oil content means the rate of discharge of oil in liters per hour at any instant, divided by the speed of the vessel in knots at the same instant.

Integrated tug barge means a tug and a tank barge with a mechanical system that allows the connection of the propulsion unit (the tug) to the stern of the cargo carrying unit (the tank barge) so that the two vessels function as a single self-propelled vessel.

Large primary structural member includes any of the following:

- (1) Web frames.
- (2) Girders.
- (3) Webs.
- (4) Main brackets.
- (5) Transverses.
- (6) Stringers.
- (7) Struts in transverse web frames when there are 3 or more struts and the depth of each is more than 1/15 of the total depth of the tank.

Length or L means the distance in meters from the fore side of the stem to the axis of the rudder stock on a waterline at 85 percent of the least molded depth measured from the molded baseline, or 96 percent of the total length on that waterline, whichever is greater. In vessels designed with drag, the waterline is measured parallel to the designed waterline.

Lightweight means the displacement of a vessel in metric tons without cargo, fuel oil, lubricating oil, ballast water, fresh water, and feedwater in tanks, consumable stores, and any persons and their effects.

Major conversion means a conversion of an existing vessel that:

(1) Substantially alters the dimensions or carrying capacity of the vessel, except a conversion that includes only the installation of segregated ballast tanks, dedicated clean ballast tanks, a crude oil washing system, double sides, a double bottom, or a double hull;

(2) Changes the type of vessel;

(3) Substantially prolongs the vessel's service life; or

(4) Otherwise so changes the vessel that it is essentially a new vessel, as determined by the Commandant (G-MOC).

MARPOL 73/78 means the International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978 relating to that Convention. A copy of MARPOL 73/78 is available from the International Maritime Organization, 4 Albert Embankment, London, SE1, 7SR, England.

New vessel means:

(1) A U.S. vessel in domestic trade that:

(i) Is constructed under a contract awarded after December 31, 1974;

(ii) In the absence of a building contract, has the keel laid or is at a similar stage of construction after June 30, 1975;

(iii) Is delivered after December 31, 1977; or

(iv) Has undergone a major conversion for which:

(A) The contract is awarded after December 31, 1974;

(B) In the absence of a contract, conversion is begun after June 30, 1975; or

(C) Conversion is completed after December 31, 1977; and

(2) A foreign vessel or a U.S. vessel in foreign trade that:

(i) Is constructed under a contract awarded after December 31, 1975;

(ii) In the absence of a building contract, has the keel laid or is at a similar stage of construction after June 30, 1976;

(iii) Is delivered after December 31, 1979; or

(iv) Has undergone a major conversion for which:

(A) The contract is awarded after December 31, 1975;

(B) In the absence of a contract, conversion is begun after June 30, 1976; or

(C) Conversion is completed after December 31, 1979.

Non-petroleum oil means oil of any kind that is not petroleum-based. It includes, but is not limited to, animal fat and vegetable oil.

Oceangoing has the same meaning as defined in §151.05 of this chapter.

Officer in charge of a navigational watch means any officer employed or engaged to be responsible for navigating or maneuvering the vessel and for maintaining a continuous vigilant watch during his or her periods of duty and following guidance set out by the master, international or national regulations, and company policies.

Oil means oil of any kind or in any form including, but not limited to, petroleum, fuel oil, sludge, oil refuse, and oil mixed with wastes other than dredged spoil. This includes

COAST PILOT 2 (Continued)

liquid hydrocarbons as well as animal and vegetable oils.

Oil cargo residue means any residue of oil cargo whether in solid, semi-solid, emulsified, or liquid form from cargo tanks and cargo pump room bilges, including but not limited to, drainages, leakages, exhausted oil, muck, clingage, sludge, bottoms, paraffin (wax), and any constituent component of oil. The term “oil cargo residue” is also known as “cargo oil residue.”

Oily mixture means a mixture, in any form, with any oil content. “Oily mixture” includes, but is not limited to—

- (1) Slops from bilges;
- (2) Slops from oil cargoes (such as cargo tank washings, oily waste, and oily refuse);
- (3) Oil residue; and
- (4) Oily ballast water from cargo or fuel oil tanks, including any oil cargo residue.

Oil residue means—

- (1) Oil cargo residue; and
- (2) Other residue of oil whether in solid, semi-solid, emulsified, or liquid form resulting from drainages, leakages, exhausted oil and other similar occurrences from machinery spaces.

Oil spill response vessel means a vessel that is exclusively dedicated to operations to prevent or mitigate environmental damage due to an actual or impending accidental oil spill. This includes a vessel that performs routine service as an escort for a tank vessel, but excludes a vessel that engages in any other commercial activity, such as the carriage of any type of cargo.

Oil tanker means a vessel that is constructed or adapted primarily to carry crude oil or products in bulk as cargo. This includes a tank barge, a tankship, and a combination carrier, as well as a vessel that is constructed or adapted primarily to carry noxious liquid substances in bulk as cargo and which also carries crude oil or products in bulk as cargo.

Other non-petroleum oil means an oil of any kind that is not petroleum oil, an animal fat, or a vegetable oil.

Permeability of a space means the ratio of volume within a space that is assumed to be occupied by water to the total volume of that space.

Petroleum oil means petroleum in any form, including but not limited to, crude oil, fuel oil, sludge, oil residue, and refined products.

Primary towing vessel means any vessel engaged in towing astern, alongside, or pushing ahead and includes the tug in an integrated tug barge. It does not include fleeting or assist towing vessels.

Product means any liquid hydrocarbon mixture in any form, except crude oil, petrochemicals, and liquefied gases.

Segregated ballast means the ballast water introduced into a tank that is completely separated from the cargo oil and fuel oil system and that is permanently allocated to the carriage of ballast.

Slop tank means a tank specifically designated for the collection of cargo drainings, washings, and other oily mixtures.

Tank means an enclosed space that is formed by the permanent structure of a vessel, and designed for the carriage of liquid in bulk.

Tank barge means a tank vessel not equipped with a means of self-propulsion.

Tank vessel means a vessel that is constructed or adapted primarily to carry, or that carries, oil or hazardous material in bulk as cargo or cargo residue, and that—

- (1) Is a vessel of the United States;
- (2) Operates on the navigable waters of the United States; or
- (3) Transfers oil or hazardous material in a port or place subject to the jurisdiction of the United States. This does not include an offshore supply vessel, or a fishing vessel or fish tender vessel of not more than 750 gross tons when engaged only in the fishing industry.

Tankship means a tank vessel propelled by mechanical power or sail.

Vegetable oil means a non-petroleum oil or fat not specifically identified elsewhere in this part that is derived from plant seeds, nuts, kernels, or fruits.

Wing tank means a tank that is located adjacent to the side shell plating.

§157.04 Authorization of classification societies.

(a) The Coast Guard may authorize any classification society (CS) to perform certain plan reviews, certifications, and inspections required by this part on vessels classed by that CS except that only U.S. classification societies may be authorized to perform those plan reviews, inspections, and certifications for U.S. vessels.

(b) If a CS desires authorization to perform the plan reviews, certifications, and inspections required under this part, it must submit to the Commandant (G-MOC), U.S. Coast Guard, Washington, DC 20593-0001, evidence from the governments concerned showing that they have authorized the CS to inspect and certify vessels on their behalf under the MARPOL 73/78.

(c) The Coast Guard notifies the CS in writing whether or not it is accepted as an authorized CS. If authorization is refused, reasons for the refusal are included.

(d) Acceptance as an authorized CS terminates unless the following are met:

(1) The authorized CS must have each Coast Guard regulation that is applicable to foreign vessels on the navigable waters of the United States.

(2) Each issue concerning equivalents to the regulations in this part must be referred to the Coast Guard for determination.

(3) Copies of any plans, calculations, records of inspections, or other documents relating to any plan review, inspection, or certification performed to meet this part must be made available to the Coast Guard.

(4) Each document certified under §§157.116(a)(2), 157.118(b)(1)(ii), and 157.216(b)(1)(11) must be marked with the name or seal of the authorized CS.

(5) A copy of the final documentation that is issued to each vessel that is certified under this part must be referred to the Commandant (G-MOC), U.S. Coast Guard, Washington, D.C. 20593-0001.

Subpart B—Design, Equipment, and Installation**§157.08 Applicability of Subpart B.**

NOTE: An “oil tanker” as defined in §157.03 includes

COAST PILOT 2 (Continued)

barges as well as self-propelled vessels.

(a) Sections 157.10d and 157.11(g) apply to each vessel to which this part applies.

(b) Sections 157.11 (a) through (f), 157.12, 157.15, 157.19(b)(3), 157.33, and 157.37 apply to each vessel to which this part applies that carries 200 cubic meters or more of crude oil or products in bulk as cargo, as well as to each oceangoing oil tanker to which this part applies of 150 gross tons or more. These sections do not apply to a foreign vessel which remains beyond the navigable waters of the United States and does not transfer oil cargo at a port or place subject to the jurisdiction of the United States.

(c) Section 157.21 applies to each oil tanker to which this part applies of 150 gross tons or more that is oceangoing or that operates on the Great Lakes. This section does not apply to a foreign vessel which remains beyond the navigable waters of the United States and does not transfer oil cargo at a port or place subject to the jurisdiction of the United States.

(d) Sections in subpart B of 33 CFR part 157 that are not specified in paragraphs (a) through (c) of this section apply to each oceangoing oil tanker to which this part applies of 150 gross tons or more, unless otherwise indicated in paragraphs (e) through (m) of this section. These sections do not apply to a foreign vessel which remains beyond the navigable waters of the United States and does not transfer oil cargo at a port or place subject to the jurisdiction of the United States.

(e) Sections 157.11 (a) through (f), 157.12, and 157.15 do not apply to a vessel, except an oil tanker, that carries less than 1,000 cubic meters of crude oil or products in bulk as cargo and which retains oil mixtures on board and discharges them to a reception facility.

(f) Sections 157.11 (a) through (f), 157.12, 157.13, and 157.15 do not apply to a tank vessel that carries only asphalt, carbon black feedstock, or other products with similar physical properties, such as specific gravity and cohesive and adhesive characteristics, that inhibit effective product/water separation and monitoring.

(g) Sections 157.11 (a) through (f), 157.12, 157.13, 157.15, and 157.23 do not apply to a tank barge that cannot ballast cargo tanks or wash cargo tanks while underway.

(h) Sections 157.19 and 157.21 do not apply to a tank barge that is certificated by the Coast Guard for limited short protected coastwise routes if the barge is otherwise constructed and certificated for service exclusively on inland routes.

(i) Section 157.09(d) does not apply to any:

(1) U.S. vessel in domestic trade that is constructed under a contract awarded before January 8, 1976;

(2) U.S. vessel in foreign trade that is constructed under a contract awarded before April 1, 1977; or

(3) Foreign vessel that is constructed under a contract awarded before April 1, 1977.

(j) Sections 157.09 and 157.10a do not apply to a new vessel that:

(1) Is constructed under a building contract awarded after June 1, 1979;

(2) In the absence of a building contract, has the keel laid or is at a similar stage of construction after January 1, 1980;

(3) Is delivered after June 1, 1982; or

(4) Has undergone a major conversion for which:

(i) The contract is awarded after June 1, 1979;

(ii) In the absence of a contract, conversion is begun after January 1, 1980; or

(iii) Conversion is completed after June 1, 1982.

(k) Sections 157.09(b)(3), 157.10(c)(3), 157.10a(d)(3), and 157.10b(b)(3) do not apply to tank barges.

(1) Section 157.10b does not apply to tank barges if they do not carry ballast while they are engaged in trade involving the transfer of crude oil from an offshore oil exploitation or production facility on the Outer Continental Shelf of the United States.

(m) Section 157.12 does not apply to a U.S. vessel that:

(1) Is granted an exemption under Subpart F of this part; or

(2) Is engaged solely in voyages that are:

(i) Between ports or places within the United States, its territories or possessions;

(ii) Of less than 72 hours in length; and

(iii) At all times within 50 nautical miles of the nearest land.

(n) Section 157.10d does not apply to:

(1) A vessel that operates exclusively beyond the navigable waters of the United States and the United States Exclusive Economic Zone, as defined in 33 U.S.C. 2701(8);

(2) An oil spill response vessel;

(3) Before January 1, 2015—

(i) A vessel unloading oil in bulk as cargo at a deep-water port licensed under the Deepwater Port Act of 1974 (33 U.S.C. 1501 et seq.); or

(ii) A delivering vessel that is offloading oil in bulk as cargo in lightering activities—

(A) Within a lightering zone established under 46 U.S.C. 3715(b)(5); and

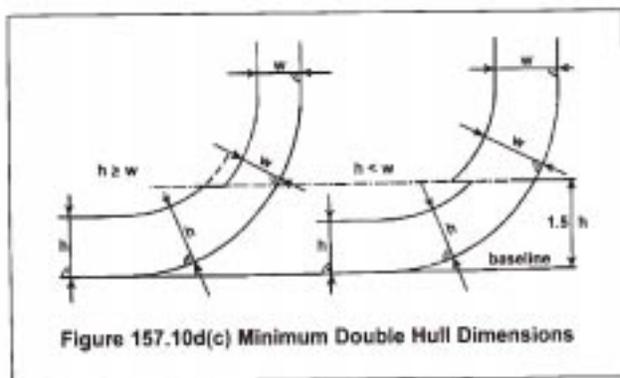
(B) More than 60 miles from the territorial sea base line, as defined in 33 CFR 2.05-10.

(4) A vessel documented under 46 U.S.C., Chapter 121, that was equipped with a double hull before August 12, 1992;

(5) A barge of less than 1,500 gross tons as measured under 46 U.S.C., Chapter 145, carrying refined petroleum in bulk as cargo in or adjacent to waters of the Bering Sea, Chukchi Sea, and Arctic Ocean and waters tributary thereto and in the waters of the Aleutian Islands and the Alaskan Peninsula west of 155 degrees west longitude; or

(6) A vessel in the National Defense Reserve Fleet pursuant to 50 App. U.S.C. 1744.

COAST PILOT 2 (Continued)

**§157.10d Double hulls on tank vessels.**

(a) With the exceptions stated in §157.08(n), this section applies to a tank vessel—

- (1) For which the building contract is awarded after June 30, 1990; or
- (2) That is delivered after December 31, 1993;
- (3) That undergoes a major conversion for which:
 - (i) The contract is awarded after June 30, 1990; or
 - (ii) Conversion is completed after December 31, 1993; or
- (4) That is otherwise required to have a double hull by 46 U.S.C. 3703a(c).

NOTE: 46 U.S.C. 3703a(c) is shown in appendix G to this part.

(b) Each vessel to which this section applies must be fitted with:

- (1) A double hull in accordance with this section; and
- (2) If §157.10 applies, segregated ballast tanks and a crude oil washing system in accordance with that section.

(c) Except on a vessel to which §157.10d(d) applies, tanks within the cargo tank length that carry any oil must be protected by double sides and a double bottom as follows:

(1) Double sides must extend for the full depth of the vessel's side or from the uppermost deck, disregarding a rounded gunwale where fitted, to the top of the double bottom. At any cross section, the molded width of the double side, measured at right angles to the side shell plating, from the side of tanks containing oil to the side shell plating, must not be less than the distance w as shown in Figure 157.10d(c) and specified as follows:

(i) For a vessel of 5,000 DWT and above: $w=[0.5+(DWT/20,000)]$ meters; or, $w=2.0$ meters (79 in.), whichever is less, but in no case less than 1.0 meter (39 in.).

(ii) For a vessel of less than 5,000 DWT: $w=[0.4+(2.4)(DWT/20,000)]$ meters, but in no case less than 0.76 meter (30 in.).

(iii) For a vessel to which Paragraph (a)(4) of this section applies: $w=0.76$ meter (30 in.), provided that the double side was fitted under a construction or conversion contract awarded prior to June 30, 1990.

(2) At any cross section, the molded depth of the double bottom, measured at right angles to the bottom shell plating, from the bottom of tanks containing oil to the bot-

tom shell plating, must not be less than the distance h as shown in Figure 157.10d(c) and specified as follows:

(i) For a vessel of 5,000 DWT and above: $h=B/15$; or, $h=2.0$ meters (79 in.), whichever is less, but in no case less than 1.0 meter (39 in.).

(ii) For a vessel of less than 5,000 DWT: $h=B/15$, but in no case less than 0.76 meter (30 in.).

(iii) For a vessel to which Paragraph (a)(4) of this section applies: $h=B/15$; or, $h=2.0$ meters (79 in.), whichever is the lesser, but in no case less than 0.76 meter (30 in.), provided that the double bottom was fitted under a construction or conversion contract awarded prior to June 30, 1990.

(3) For a vessel built under a contract awarded after September 11, 1992, within the turn of the bilge or at cross sections where the turn of the bilge is not clearly defined, tanks containing oil must be located inboard of the outer shell—

(i) For a vessel of 5,000 DWT and above: At levels up to $1.5h$ above the base line, not less than the distance h , as shown in Figure 157.10d(c) and specified in Paragraph (c)(2) of this section. At levels greater than $1.5h$ above the base line, not less than the distance w , as shown in Figure 157.10d(c) and specified in Paragraph (c)(1) of this section.

(ii) For a vessel of less than 5,000 DWT: Not less the distance h above the line of the mid-ship flat bottom, as shown in Figure 157.10d(c)(3)(ii) and specified in Paragraph (c)(2) of this section. At levels greater than h above the line of the mid-ship flat bottom, not less than the distance w , as shown in Figure 157.10d(c)(3)(ii) and specified in Paragraph (c)(1) of this section.

(4) For a vessel to which §157.10(b) applies that is built under a contract awarded after September 11, 1992.

(i) The aggregate volume of the double sides, double bottom, forepeak tanks, and afterpeak tanks must not be less than the capacity of segregated ballast tanks required under §157.10(b). Segregated ballast tanks that may be provided in addition to those required under §157.10(b) may be located anywhere within the vessel.

(ii) Double side and double bottom tanks used to meet the requirements of §157.10(b) must be located as uniformly as practicable along the cargo tank length. Large inboard extensions of individual double side and double bottom tanks, which result in a reduction of overall side or bottom protection, must be avoided.

(d) A vessel of less than 10,000 DWT that is constructed and certificated for service exclusively on inland or limited short protected coastwise routes must be fitted with double sides and a double bottom as follows:

(1) A minimum of 61 cm. (2 ft.) from the inboard side of the side shell plate, extending the full depth of the side or from the main deck to the top of the double bottom, measured at right angles to the side shell; and

(2) A minimum of 61 cm. (2 ft.) from the top of the bottom shell plating, along the full breadth of the vessel's bottom, measured at right angles to the bottom shell.

(3) For a vessel to which Paragraph (a)(4) of this section applies, the width of the double sides and the depth of the double bottom may be 38 cm. (15 in.), in lieu of the

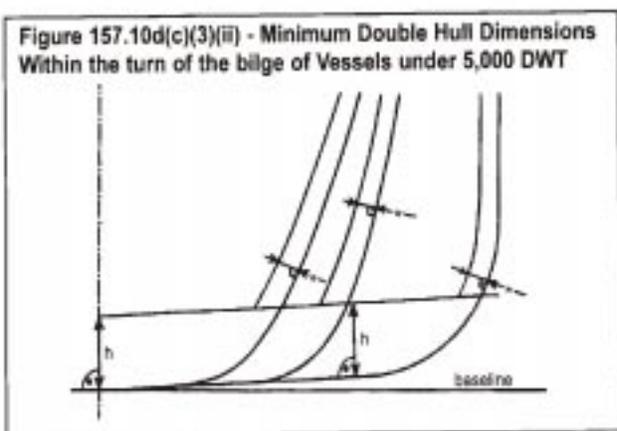
COAST PILOT 2 (Continued)

dimensions specified in paragraphs (d)(1) and (d)(2) of this section, provided that the double side and double bottom tanks were fitted under a construction or conversion contract awarded prior to June 30, 1990.

(4) For a vessel built under a contract awarded after September 11, 1992, a minimum 46 cm. (18 in.) clearance for passage between framing must be maintained throughout the double sides and double bottom.

(e) Except as provided in Paragraph (e)(3) of this section, a vessel must not carry any oil in any tank extending forward of:

- (1) The collision bulkhead; or
- (2) In the absence of a collision bulk-head, the transverse plane perpendicular to the centerline through a point located:
 - (i) The lesser of 10 meters (32.8 ft.) or 5 percent of the vessel length, but in no case less than 1 meter (39 in.), aft of the forward perpendicular;
 - (ii) On a vessel of less than 10,000 DWT tons that is constructed and certificated for service exclusively on inland or limited short protected coastwise routes, the lesser of 7.62 meters (25 ft.) or 5 percent of the vessel length, but in no case less than 61 cm. (2 ft.), aft of the headlog or stem at the freeboard deck; or
 - (iii) On each vessel which operates exclusively as a box or trail barge, 61 cm. (2 ft.) aft of the headlog.
- (3) This Paragraph does not apply to independent fuel oil tanks that must be located on or above the main deck within the areas described in paragraphs (e)(1) and (e)(2) of this section to serve adjacent deck equipment that cannot be located further aft. Such tanks must be as small and as far aft as is practicable.
- (f) On each vessel, the cargo tank length must not extend aft to any point closer to the stern than the distance equal to the required width of the double side, as prescribed in §157.10d(c)(1) or §157.10d(d)(1).



Subpart G—Interim Measures for Certain Tank Vessels Without Double Hulls Carrying Petroleum Oils

§157.400 Purpose and applicability.

- (a) The purpose of this subpart is to establish mandatory

safety and operational requirements to reduce environmental damage resulting from petroleum oil spills.

(b) This subpart applies to each tank vessels specified in §157.01 of this part that—

- (1) Is 5,000 gross tons or more;
- (2) Carries petroleum oil in bulk as cargo or oil cargo residue; and
- (3) Is not equipped with a double hull meeting §157.10d of this part, or an equivalent to the requirements of §157.10d, but required to be equipped with a double hull at a date set forth in 46 U.S.C. 3703a (b)(3) and (c)(3).

§157.445 Maneuvering performance capability.

(a) A tankship owner or operator shall ensure that maneuvering tests in accordance with IMO Resolution A.751(18), sections 1.2, 2.3-2.4, 3-4.2, and 5 (with Explanatory Notes in MSC/Circ. 644) have been conducted by July 29, 1997. Completion of maneuvering performance tests must be shown by—

- (1) For a foreign flag tankship, a letter from the flag administration or an authorized classification society, as described in §157.04 of this part, stating the requirements in Paragraph (a) of this section have been met; or
 - (2) For a U.S. flag tankship, results from the vessel owner confirming the completion of the tests or a letter from an authorized classification society, as described in §157.04 of this part, stating the requirements in Paragraph (a) of this section have been met.
- (b) If a tankship undergoes a major conversion or alteration affecting the control systems, control surfaces, propulsion system, or other areas which may be expected to alter maneuvering performance, the tankship owner or operator shall ensure that new maneuvering tests are conducted as required by Paragraph (a) of this section.
- (c) If a tankship is one of a class of vessels with identical propulsion, steering, hydrodynamic, and other relevant design characteristics, maneuvering performance test results for any tankship in the class may be used to satisfy the requirements of Paragraph (a) of this section.

(d) The tankship owner or operator shall ensure that the performance test results, recorded in the format of Appendix 6 of the Explanatory Notes in MSC/Circ. 644., are prominently displayed in the wheelhouse.

(e) Prior to entering the port or place of destination and prior to getting underway, the tankship master shall discuss the results of the performance tests with the pilot while reviewing the anticipated transit and the possible impact of the tankship's maneuvering capability on the transit.

(33 CFR 157)

18/03

COAST PILOT 2

32 Ed 2003

Change No. 3

Page 301—Paragraph 335, line 1; read:

Stratford Point Light (41°09'07"N., 73°06'12"W.), 52 ...
(49/02 CG1; LL/02) 18/03

Page 302—Paragraph 354, lines 3 to 4; read:

(41°03'35"N., 73°06'05"W.), 60 feet above the water and

COAST PILOT 2 (Continued)

shown from a ...
(49/02 CG1; LL/02) 18/03

Page 314—Paragraph 74, line 9; read:
consist of rocks awash, and is marked by a buoy.
(51/02 CG1; LL/02) 18/03

Page 316—Paragraph 103, line 1; read:
Greens Ledge Light (41°02'30"N., 73°26'38"W.), 62 ...
(49/02 CG1; LL/02) 18/03

Page 326—Paragraph 224, line 1; read:
Execution Rocks Light (40°52'41"N., 73°44'16"W.), ...
(48/02 CG1; LL/02) 18/03

Page 330—Paragraph 289, line 1; read:
Eatons Neck Light (40°57'14"N., 73°23'43"W.), 144 ...
(49/02 CG1; LL/02) 18/03

Page 331—Paragraph 312, line 6; read:
Harbor Light (40°54'39"N., 73°25'52"W.), 42 feet above ...
(50/02 CG1; LL/02) 18/03

Page 335—Paragraph 379, line 1; read:
Stepping Stones Light (40°49'28"N., 73°46'29"W.), 46 ...
(48/02 CG1; LL/02) 18/03

Page 337—Paragraph 399, line 3; read:
tank. **Throgs Neck Light** (40°48'16"N., 73°47'26"W.), 60 ...
(48/02 CG1; LL/02) 18/03

COAST PILOT 2 32 Ed 2003 Change No. 4

Page 126—Paragraph 1975, line 2; read:
Longitude 72°02'West, and west of longitude 71°55'West.

§165.115 Safety and Security Zones; Pilgrim Nuclear Power Plant, Plymouth, Massachusetts.

(a) *Location.* All waters of Cape Cod Bay and land adjacent to those waters enclosed by a line beginning at position 41°57'05"N., 070°34'42"W.; then running southeast to position 41°56'40.5"N., 070°41'04.5"W.; then running southwest to position 41°56'32"N., 070°34'14"W.; then running northwest to position 41°56'55.5"N., 070°34'52"W.; then running northeast back to position 41°57'05"N., 070°34'42"W.

(b) *Regulations.* (1) In accordance with the general regulations in §§165.23 and 165.33 of this part, entry into or movement within these zones is prohibited unless authorized by the Captain of the Port Boston.

(2) All vessel operators shall comply with the instructions of the COTP of the designated on-scene U.S. Coast Guard patrol personnel. On-scene Coast Guard patrol personnel include commissioned, warrant, and petty officers of the Coast Guard on board Coast Guard, Coast Guard Auxiliary, local, state, and federal law enforcement vessels.

(3) No person may enter the waters or land area within the boundaries of the safety and security zones unless pre-

viously authorized by the Captain of the Port, Boston or his authorized patrol representative.
(FR 5/30/02) 18/03

Page 128—Paragraph 2053, line 6 to Paragraph 2058; read:
Broadcast.

§165.160 Safety and Security Zones: Liquefied Hazardous Gas Vessel, Liquefied Hazardous Gas Facility and Designated Vessel Transits, New York Marine Inspection Zone and Captain of the Port Zone.

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

(1) All waters of the New York Marine Inspection Zone and Captain of the Port Zone within a 200-yard radius of any Liquefied Hazardous Gas (LHG) vessel or LHG facility.

(2) All waters of the New York Marine Inspection Zone and Captain of the Port Zone within a 100-yard radius of any Designated Vessels.

(b) *Designated Vessels (DVs).* For the purposes of this section, DVs are: Vessels certificated to carry 500 or more passengers; vessels carrying government officials or dignitaries requiring protection by the U.S. Secret Service, or other Federal, State or local law enforcement agency; and barges or ships carrying petroleum products, chemicals, or other hazardous cargo.

(c) *Regulations.* (1) The general regulations contained in 33 CFR 165.23 and 165.33 apply.

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

(3) The Captain of the Port will notify the maritime community of periods during which these zones will be enforced by methods in accordance with 33 CFR 165.7 and will identify DV vessel transits by way of electronic mail broadcast.

(FR 1/22/03) 18/03

Page 131—Paragraph 2215; insert after:

§165.169 Safety and Security Zones: New York Marine Inspection Zone and Captain of the Port Zone.

(a) *Safety and security zones.* The following waters within the New York Marine Inspection Zone and Captain of the Port Zone are safety and security zones:

(1) *Indian Point Nuclear Power Station (IPNPS).* All waters of the Hudson River within 300-yard radius of the IPNPS pier in approximate position 41°16'12.4"N., 073°57'16.2"W. (NAD 83).

(2) *U.S. Coast Guard Cutters and Shore Facilities.* All waters within 100 yards of: Each moored, or anchored, Coast Guard Cutter; Coast Guard Station New York; Staten Island, NY; Coast Guard Station Sandy Hook, NJ; Coast Guard Station Kings Point, NY; and Coast Guard

COAST PILOT 2 (Continued)

Aids to Navigation Team New York, Bayonne, NJ.

(3) *Commercial Waterfront Facilities.* All waters within 25 yards of each commercial waterfront facility that is capable of accepting barge, ferry or other commercial vessels. For purposes of this section, “commercial waterfront facility” means all piers, wharves, docks and similar structures to which barge, ferry or other commercial vessels may be secured; areas of land or water under and in immediate proximity to them; buildings on such structures or contiguous to them; and equipment and materials on such structures and in such buildings.

(i) When a barge, ferry or other commercial vessel is conducting transfer operations at a commercial waterfront facility, the 25-yard zone is measured from the outboard side of the commercial vessel.

(ii) Vessels may transit through any portion of the zone that extends into the navigable channel for the sole purpose of direct and expeditious transit through the zone so long as they remain within the navigable channel, maintain the maximum safe distance from the commercial waterfront facility and do not stop or loiter within the zone.

(4) *Liberty and Ellis Islands.* All waters within 150 yards of Liberty Island, Ellis Island, and the bridge between Liberty State Park and Ellis Island.

(5) *Bridge Piers and Abutments, Overhead Power Cable Towers, Piers and Tunnel Ventilators.* All waters within 25 yards of any bridge pier or abutment, overhead power cable tower, pier or tunnel ventilators south of the Troy, NY Locks. Vessels may transit through any portion of the zone that extends into the navigable channel for the sole purpose of direct and expeditious transit through the zone so long as they remain within the navigable channel, maintain the maximum safe distance from the waterfront facility and do not stop or loiter within the zone.

(6) *New York City Passenger Ship Terminal, Hudson River, NY* (i) *Location.* All waters of the Hudson River bound by the following points: From the northeast corner of Pier 96 where it intersects the seawall, thence west to approximate position 40°26'23.1"N., 073°59'59.0"W., thence south to approximate position 40°45'55.3"N., 074°00'20.2"W. (NAD 1983), thence east to the southeast corner of Pier 84 where it intersects the seawall, thence north along the shoreline to the point of origin.

(ii) *Enforcement period.* This zone will be enforced whenever passenger vessels are pierside at Pier 88, 90 or 92 or whenever the passenger ship terminal or the adjacent Intrepid Sea, Air and Space Museum, Manhattan is being used as an Emergency Operations Center. The activation and termination of a particular zone will be announced in accordance with 33 CFR 165.7.

(7) *La Guardia Airport, Bowery and Flushing Bays, Queens, NY.*—(i) *Location: 200-Yard Zone.* All waters of Bowery and Flushing Bays within approximately 200 yards of La Guardia Airport bound by the following points: Onshore at Steinway, Queens in approximate position

40°46'32.1"N., 073°53'22.4"W. thence to
40°46'52.8"N., 073°53'09.3"W., thence to
40°46'54.8"N., 073°52'54.2"W., thence to

40°46'59.3"N., 073°52'51.3"W., thence to
40°47'11.8"N., 073°53'17.3"W., thence to
40°47'13.0"N., 073°53'16.1"W. on Rikers Island,
thence easterly along the Rikers Island shoreline to
approximate position

40°47'12.9"N., 073°52'17.9"W., thence to
40°47'16.7"N., 073°52'09.2"W., thence to
40°47'36.1"N., 073°51'52.5"W., thence to
40°47'35.1"N., 073°51'50.5"W., thence to
40°47'15.9"N., 073°52'06.4"W., thence to
40°47'14.5"N., 073°52'03.1"W., thence to
40°47'10.6"N., 073°52'06.7"W., thence to
40°47'01.9"N., 073°52'02.4"W., thence to
40°46'50.4"N., 073°52'08.1"W., thence to
40°46'26.8"N., 073°51'18.5"W., thence to
40°45'57.2"N., 073°51'01.8"W., thence to
40°45'51.2"N., 073°50'59.6"W., thence to
40°45'49.5"N., 073°51'07.2"W., thence to
40°45'58.8"N., 073°51'13.2"W., thence to
40°46'02.3"N., 073°51'20.1"W., thence to
40°45'48.4"N., 073°51'37.0"W., (NAD 1983)
thence along the shoreline to the point of origin.

(ii) *Location: 100-Yard Zone.* All waters of Bowery and Flushing Bays within approximately 100 yards of La Guardia Airport bound by the following points: Onshore at Steinway, Queens in approximate position

40°46'32.1"N., 073°53'22.4"W., thence to
40°46'50.6"N., 073°53'07.3"W., thence to
40°46'53.0"N., 073°52'50.9"W., thence to
40°46'57.6"N., 073°52'47.9"W., thence to
40°47'11.8"N., 073°53'17.3"W., thence to
40°47'13.0"N., 073°53'16.1"W., on Rikers Island,
thence easterly along the Rikers Island shoreline to
approximate position

40°47'12.9"N., 073°52'17.9"W., thence to
40°47'16.7"N., 073°52'09.2"W., thence to
40°47'36.1"N., 073°51'52.5"W., thence to
40°47'35.1"N., 073°51'50.5"W., thence to
40°47'15.9"N., 073°52'06.4"W., thence to
40°47'14.5"N., 073°52'03.1"W., thence to
40°47'07.9"N., 073°52'09.2"W., thence to
40°47'01.4"N., 073°52'06.1"W., thence to
40°46'50.0"N., 073°52'14.6"W., thence to
40°46'22.2"N., 073°51'16.0"W., thence to
40°45'57.2"N., 073°51'01.8"W., thence to
40°45'52.4"N., 073°51'00.2"W., thence to
40°45'50.6"N., 073°51'07.9"W., thence to
40°45'58.8"N., 073°51'13.2"W., thence to
40°46'04.0"N., 073°51'23.3"W., thence to
40°45'51.2"N., 073°51'38.8"W., (NAD 1983)
thence along the shoreline to the point of origin.

(iii) *Enforcement period.* The zones described in paragraph (a)(7) of this section will be effective at all times. When port security conditions permit, the Captain of the Port will allow vessels to operate within that portion of the waters described in paragraph (a)(7)(i) of this section. That lies outside of the waters described in paragraph (a)(7)(ii) of this section: Authorization to enter the waters that lie between the outer boundaries of the zones described in paragraphs (a)(7)(i) and (a)(7)(ii) of

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this section will be communicated by the Captain of the Port to the public by marine broadcast, or local notice to mariners, or notice posted at <http://www.harborops.com>.

(8) John F. Kennedy Airport, Jamaica Bay, Queen, NY.

(i) *Location: Bergen Basin.* All waters of Bergen Basin north of 40°39'26.4"N.

(ii) *Location: Thurston Basin.* All waters of Thurston Basin north of 40°38'21.2"N.

(iii) *Location: 200-Yard Zone.* All waters of Jamaica Bay within approximately 200 yards of John F. Kennedy Airport bound by the following points: Onshore east of Bergen Basin, Queens in approximate position

40°38'49.0"N., 073°49'09.1"W., thence to 40°38'42.5"N., 073°49'13.2"W., thence to 40°38'00.6"N., 073°47'35.1"W., thence to 40°37'52.3"N., 073°47'55.0"W., thence to 40°37'50.3"N., 073°47'53.5"W., thence to 40°37'59.4"N., 073°47'32.6"W., thence to 40°37'46.1"N., 073°47'07.2"W., thence to 40°37'19.5"N., 073°47'30.4"W., thence to 40°37'05.5"N., 073°47'03.0"W., thence to 40°37'34.7"N., 073°46'40.6"W., thence to 40°37'20.5"N., 073°46'23.5"W., thence to 40°37'05.7"N., 073°46'34.9"W., thence to 40°36'54.8"N., 073°46'26.7"W., thence to 40°37'14.1"N., 073°46'10.8"W., thence to 40°37'36.9"N., 073°45'52.8"W., thence to 40°38'00.8"N., 073°44'54.9"W., thence to 40°38'05.1"N., 073°45'00.3"W., (NAD 1983) thence along the shoreline to the point of origin.

(iv) *Location: 100-Yard Zone.* All waters of Jamaica Bay within approximately 100 yards of John F. Kennedy Airport bound by the following points: Onshore east of Bergen Basin, Queens in approximate position

40°38'49.0"N., 073°49'09.1"W., thence to 40°38'45.1"N., 073°49'11.6"W., thence to 40°38'02.0"N., 073°47'31.8"W., thence to 40°37'52.3"N., 073°47'55.0"W., thence to 40°37'50.3"N., 073°47'53.5"W., thence to 40°38'00.8"N., 073°47'29.4"W., thence to 40°37'47.4"N., 073°47'02.4"W., thence to 40°37'19.9"N., 073°47'25.0"W., thence to 40°37'10.0"N., 073°47'03.7"W., thence to 40°37'37.7"N., 073°46'41.2"W., thence to 40°37'22.6"N., 073°46'21.9"W., thence to 40°37'05.7"N., 073°46'34.9"W., thence to 40°36'54.8"N., 073°46'26.7"W., thence to 40°37'14.1"N., 073°46'10.8"W., thence to 40°37'40.0"N., 073°45'55.6"W., thence to 40°38'02.8"N., 073°44'57.5"W., thence to 40°38'05.1"N., 073°45'00.3"W., (NAD 1983) thence along the shoreline to the point of origin.

(v) *Enforcement period.* The zones described in paragraphs (a)(8) of this section will be effective at all times. When port security conditions permit, the Captain of the Port will allow vessels to operate within that portion of the waters described in paragraph (a)(8)(iii) of this section that lies outside of the waters described in paragraph (a)(8)(iv) of this section. Authorization to enter the waters that lie between the outer boundaries of the

zones described in paragraphs (a)(8)(iii) and (a)(8)(iv) of this section will be communicated by the Captain of the Port to the public by marine broadcast, local notice to mariners, or notice posted at <http://www.harborops.com>

(9) *NYPD Ammunition Depot, Rodman Neck, Eastchester Bay, NY.*— (i) *Location: 150-Yard Zone.* All waters of Eastchester Bay within approximately 150 yards of Rodman Neck bound by the following points: Onshore in approximate position

40°51'30.4"N., 073°48'14.9"W., thence to 40°51'29.9"N., 073°48'20.7"W., thence to 40°51'16.9"N., 073°48'22.5"W., thence to 40°51'07.5"N., 073°48'18.7"W., thence to 40°50'54.2"N., 073°48'11.1"W., thence to 40°50'48.5"N., 073°48'04.6"W., thence to 40°50'49.2"N., 073°47'56.5"W., thence to 40°51'03.6"N., 073°47'47.3"W., thence to 40°51'15.7"N., 073°47'46.8"W., thence to 40°51'23.5"N., 073°47'41.9"W., (NAD 1983) thence southwesterly along shoreline to the point of origin.

(ii) *Location: 100-Yard Zone.* All waters of Eastchester Bay within approximately 100 yards of Rodman Neck bound by the following points: Onshore in approximate position

40°51'30.4"N., 073°48'14.9"W., thence to 40°51'30.1"N., 073°48'19.0"W., thence to 40°51'16.8"N., 073°48'20.5"W., thence to 40°51'07.9"N., 073°48'16.8"W., thence to 40°50'54.9"N., 073°48'09.0"W., thence to 40°50'49.7"N., 073°48'03.6"W., thence to 40°50'50.1"N., 073°47'57.9"W., thence to 40°51'04.6"N., 073°47'48.9"W., thence to 40°51'15.9"N., 073°47'48.4"W., thence to 40°51'23.5"N., 073°47'41.9"W., (NAD 1983) thence southwesterly along the shoreline to the point of origin.

(iii) *Enforcement period.* The zones described in paragraph (a)(9) of this section will be effective at all times. When port security conditions permit, the Captain of the Port will allow vessels to operate within that portion of the waters described in paragraph (a)(9)(i) of this section that lies outside of the waters described in paragraph (a)(9)(ii) of this section. Authorization to enter the waters that lie between the outer boundaries of the zones described in paragraphs (a)(9)(i) and (a)(9)(ii) of this section will be communicated by the Captain of the Port to the public by marine broadcast, local notice to mariners, or notice posted at <http://www.harborops.com>.

(10) *Port Newark/Port Elizabeth, Newark Bay, NJ.* All waters of Newark Bay bound by the following points:

40°41'49.9"N., 074°07'32.2"W., thence to 40°41'46.5"N., 074°07'20.4"W., thence to 40°41'10.7"N., 074°07'45.9"W., thence to 40°40'54.3"N., 074°07'55.7"W., thence to 40°40'36.2"N., 074°08'03.8"W., thence to 40°40'29.1"N., 074°08'06.3"W., thence to 40°40'21.9"N., 074°08'10.0"W., thence to 40°39'27.9"N., 074°08'43.6"W., thence to

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40°39'21.5"N., 074°08'50.1"W., thence to 40°39'21.5"N., 074°09'54.3"W., (NAD 1983) thence northerly along the shoreline to the point of origin.

(b) *Regulations.* (1) The general regulations contained in 33 CFR 165.23 and 165.33 apply.

(2) Vessels not actively engaged in legitimate transfer operations shall not stop or loiter within that part of a commercial waterfront facility safety and security zone extending into the navigable channel, described in paragraph (a)(3) of this section, without the express permission of the Coast Guard Captain of the Port or the designated on-scene patrol personnel.

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

(FR 1/22/03; FR 2/19/03)

18/03

COAST PILOT 2 32 Ed 2003 Change No. 5

Page 94—Paragraph 1238, line 6 to Page 99—Paragraph 1399; read:

penalties under 33 U.S.C. 1232.

Subpart C—Notification of Arrival, Hazardous Conditions, and Certain Dangerous Cargos**§160.201 General.**

This subpart contains requirements and procedures for submitting Notices of Arrival (NOA) and Notice of Hazardous Condition. The sections in this subpart describe:

(a) Applicability and exemptions from requirements in this subpart;

(b) Required information in an NOA;

(c) Required changes to an NOA;

(d) Methods and times for submission of an NOA and changes to an NOA;

(e) How to obtain a waiver; and

(f) Requirements for submission of the Notice of Hazardous Conditions.

§160.202 Applicability.

(a) This subpart applies to U.S. and foreign vessels bound for or departing from ports or places in the United States.

(b) This subpart does not apply to recreational vessels under 46 U.S.C. 4301 *et seq.*

(c) Unless otherwise specified in this subpart, the owner, agent, master, operator, or person in charge of a vessel regulated by this subpart is responsible for compliance with the requirements in this subpart.

(d) Towing vessels controlling a barge or barges required to submit an NOA under this subpart must submit only one NOA containing the information required for the towing vessel and each barge under its control.

§160.203 Exemptions.

(a) Except for reporting notice of hazardous conditions, the following vessels are exempt from requirements in this subpart:

(1) Passenger and supply vessels when they are employed in the exploration for or in the removal of oil, gas, or mineral resources on the continental shelf.

(2) Oil Spill Recovery Vessels (OSRVs) when engaged in actual spill response operations or during spill response exercises.

(3) Vessels operating upon the following waters:

(i) Mississippi River between its sources and mile 235, Above Head of Passes;

(ii) Tributaries emptying into the Mississippi River above mile 235;

(iii) Atchafalaya River above its junction with the Plaquemine-Morgan City alternate waterway and the Red River; and

(iv) The Tennessee River from its confluence with the Ohio River to mile zero on the Mobile River and all other tributaries between those two points.

(b) If not carrying certain dangerous cargo or controlling another vessel carrying certain dangerous cargo, the following vessels are exempt from NOA requirements in this subpart:

(1) Vessels 300 gross tons or less, except for vessels entering any port or place in the Seventh Coast Guard District as described in 33 CFR 3.35–1(b).

(2) Vessels operating exclusively within a Captain of the Port Zone.

(3) Vessels arriving at a port or place under force majeure.

(4) Towing vessels and barges operating solely between ports or places in the continental United States.

(5) Public vessels.

(6) Except for tank vessels, U.S. vessels operating solely between ports or places in the United States on the Great Lakes.

(c) Vessels less than 500 gross tons need not submit the International Safety Management (ISM) Code Notice (Entry (7) to Table 160.206).

(d) Vessels operating solely between ports or places in the continental United States need not submit the Cargo Declaration (Customs Form 1302), (Entry (8) to Table 160.206).

(e) This section does not exempt any vessel from compliance with the U.S. Customs Service (USCS) reporting or submission requirements.

§160.204 Definitions.

As used in this subpart:

Agent means any person, partnership, firm, company or corporation engaged by the owner or charterer of a vessel to act in their behalf in matters concerning the vessel.

Barge means a non-self propelled vessel engaged in commerce.

Carried in bulk means a commodity that is loaded or carried on board a vessel without containers or labels and received and handled without mark or count.

Certain dangerous cargo (CDC) includes any of the following:

(1) Division 1.1 or 1.2 explosives as defined in 49 CFR

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173.50.

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

(3) Division 2.3 “poisonous gas”, as listed in 49 CFR 172.101 that is also a “material poisonous by inhalation” as defined in 49 CFR 171.8, and that is in a quantity in excess of 1 metric ton per vessel.

(4) Division 5.1 oxidizing materials for which a permit is required under 49 CFR 176.415 or for which a permit is required as a condition of a Research and Special Programs Administration exemption.

(5) A liquid material that has a primary or subsidiary classification of Division 6.1 “poisonous material” as listed 49 CFR 172.101 that is also a “material poisonous by inhalation,” as defined in 49 CFR 171.8 and that is in a bulk packaging, or that is in a quantity in excess of 20 metric tons per vessel when not in a bulk packaging.

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

(7) Bulk liquefied chlorine gas and Bulk liquefied gas cargo that is flammable and/or toxic and carried under 46 CFR 154.7.

(8) The following bulk liquids:

- (i) Acetone cyanohydrin,
- (ii) Allyl alcohol,
- (iii) Chlorosulfonic acid,
- (iv) Crotonaldehyde,
- (v) Ethylene chlorohydrin,
- (vi) Ethylene dibromide,
- (vii) Methacrylonitrile, and
- (viii) Oleum (fuming sulfuric acid).

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

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

Great Lakes means Lakes Superior, Michigan, Huron, Erie, and Ontario, their connecting and tributary waters, the

Saint Lawrence River as far as Saint Regis, and adjacent port areas.

Gross tons means the tonnage determined by the tonnage authorities of a vessel’s flag state in accordance with the national tonnage rules in force before the entry into force of the International Convention on Tonnage Measurement of Ships, 1969 (“Convention”). For a vessel measured only under Annex I of the Convention, gross tons means that tonnage. For a vessel measured under both systems, the higher gross tonnage is the tonnage used for the purposes of the 300-gross-ton threshold.

Hazardous condition means any condition that may adversely affect the safety of any vessel, bridge, structure, or shore area or the environmental quality of any port, harbor, or navigable waterway of the United States. It may, but need not, involve collision, allision, fire, explosion, grounding, leaking, damage, injury or illness of a person aboard, or manning-shortage.

Nationality means the state (nation) in which a person is a citizen or to which a person owes permanent allegiance.

Operator means any person including, but not limited to, an owner, a charterer, or another contractor who conducts, or is responsible for, the operation of a vessel.

Persons in addition to crewmembers mean any person onboard the vessel, including passengers, who are not included on the list of crewmembers.

Port or place of departure means any port or place in which a vessel is anchored or moored.

Port or place of destination means any port or place in which a vessel is bound to anchor or moor.

Public vessel means a vessel that is owned or demise (bareboat) chartered by the government of the United States, by a State or local government, or by the government of a foreign country and that is not engaged in commercial service.

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

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

§160.206 Information required in an NOA.

(a) Each NOA must contain all of the information items specified in Table 160.206

TABLE 160.206.—NOA INFORMATION ITEMS

Required information	Vessels not carrying CDC	Vessels	Towing vessels controlling vessels carrying CDC
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(1) <i>Vessel Information:</i> (i) Name; (ii) Name of the registered owner; (iii) Country of registry; (iv) Call sign; (v) International Maritime Organization (IMO) international number or, if vessel does not have an assigned IMO international number, substitute with official number; (vi) Name of the operator; (vii) Name of the charterer; and (viii) Name of classification society.	X X X X X X X X	X X X X X X X X	X X X X X X X X
(2) <i>Voyage Information:</i> (i) Names of last five ports or places visited; (ii) Dates of arrival and departure for last five ports or places visited; (iii) For each port or place in the United States to be visited, list the names of the receiving facility, the port or place, the city, and the state; (iv) For each port or place in the United States to be visited, the estimated date and time of arrival; (v) For each port or place in the United States to be visited, the estimated date and time of departure; (vi) The location (port or place and country) or position (latitude and longitude or waterway and mile marker) of the vessel at the time of reporting; and (vii) The name and telephone number of a 24-hour point of contact.	X X X X X X X X	X X X X X X X X	X X X X X X X X
(3) <i>Cargo Information:</i> (i) A general description of cargo, other than CDC, onboard the vessel (e.g.: grain, container, oil, etc); (ii) Name of each certain dangerous cargo carried, including cargo UN number, if applicable; and (iii) Amount of each certain dangerous cargo carried.	X	X X X	X X X
(4) <i>Information for each Crewmember Onboard:</i> (i) Full name; (ii) Date of birth; (iii) Nationality; (iv) Passport or mariners document number (type of identification and number); (v) Position or duties on the vessel; and (vi) Where the crewmember embarked (list port or place and country).	X X X X X X	X X X X X X	X X X X X X
(5) <i>Information for each Person Onboard in Addition to Crew:</i> (i) Full name; (ii) Date of birth; (iii) Nationality; (iv) Passport number; and (v) Where the person embarked (list port or place and country).	X X X X X	X X X X X	X X X X X
(6) <i>Operational condition of equipment required by §164.35 of this chapter.</i>	X	X	X
(7) <i>International Safety Management (ISM) Code Notice:</i> (i) The date of issuance for the company's Document of Compliance certificate that covers the vessel; (ii) The date of issuance for the vessel's Safety Management Certificate; and (iii) The name of the Flag Administration, or the recognized organization(s) representing the vessel flag administration, that issued those certificates.	X X X	X X X	X X X
(8) <i>Cargo Declaration (Customs Form (1302) as described in 19 CFR 4.7.</i>	X	X	X

(b) Vessels operating solely between ports or places in the continental United States need submit only the name of and date of arrival and departure for the last port or places visited to meet the requirements in entries (2)(i) and (ii) to Table 160.206 of this section.

(c) You may submit a copy of INS Form I-418 to meet the requirements of entries (4) and (5) in Table 160.206.

(d) Any vessel planning to enter two or more consecutive ports or places in the United States during a single voyage may submit one consolidated Notification of Arrival at least 96 hours before entering the first port or place of destination. The consolidated notice must include the name of the port or place and estimated arrival date for each destination of the voyage. Any vessel submitting a consolidated notice under

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this section must still meet the requirements of §160.208 of this part concerning requirements for charges to an NOA.

§160.208 Changes to a submitted NOA.

(a) Unless otherwise specified in this section, when submitted NOA information changes, vessels must submit a notice of change within the times required in §160.212.

(b) Changes in the following information need not be reported:

(1) Changes in arrival or departure times that are less than six (6) hours;

(2) Changes in vessel location or position of the vessel at the time of reporting (entry (2)(vi) to Table 160.206); and

(3) Changes to crewmembers' position or duties on the vessel (entry (5)(v) to Table 160.206).

(c) When reporting changes, submit only the name of the vessel, original NOA submission date, the port of arrival, the specific items to be corrected, and the new location or position of the vessel at the time of reporting. Only changes to NOA information need to be submitted.

§160.210 Methods for submitting an NOA.

(a) *Submission to the National Vessel Movement Center (NVMC).* Except as provided in paragraphs (b) and (c) of this section, all vessels required to submit NOA information in §160.206 (entries 1-7 to Table 160.206) to the NVMC, United States Coast Guard, 408 Coast Guard Drive, Kearneysville, WV, 25430, shall do so by:

(1) Telephone at 1-800-708-9823 or 304-264-2502;

(2) Fax at 1-800-547-8724 or 304-264-2684; or

(3) E-mail at SANS@NVMC.USCG.gov.

Note to paragraph (a): Information about the National Vessel Movement Center is available on its Web site at <http://www.nvmc.uscg.gov/>. You may submit the notice using any electronic format available on the NVMC website.

(b) *Saint Lawrence Seaway transits.* Those vessels transiting the Saint Lawrence Seaway inbound, bound for a port or place in the United States, may meet the submission requirements of paragraph (a) of this section by submitting the required information to the Saint Lawrence Seaway Development Corporation and the Saint Lawrence Seaway Management Corporation of Canada by fax at 315-764-3235 or at 315-764-3200. The Cargo Declaration (Customs Form 1302) in entry (8) in Table 160.206 must be submitted electronically to the USCS, as required by paragraph (d) of this section.

(c) *Seventh Coast Guard District.* Those vessels 300 or less gross tons operating in the Seventh Coast Guard District must submit an NOA to the cognizant Captain of the Port (COTP). The Cargo Declaration (Customs Form 1302) in entry (8) in Table 160.206 must be submitted electronically to the USCS, as required by paragraph (d) of this section.

(d) *Submission to the United States Customs Service's Sea Automated Manifest System (AMS).*

(1) Beginning July 1, 2003, the Cargo Declaration (Customs Form 1302) in entry (8) in Table 160.206 must be submitted electronically to the USCS Sea AMS by one of the following methods:

(i) By direct connection with USCS or by purchas-

ing the proper software; or

(ii) Using a service provider or a Port Authority.

(2) To become a participant in Sea AMS, submitters must provide a letter of intent to USCS prior to first submission.

§160.212 When to submit an NOA.

(a) *Submission of NOA.* (1) Except as set out in paragraph (a)(2) of this section, all vessels must submit NOAs within the times required in paragraph (a)(3) of this section.

(2) Towing vessels, when in control of a vessel carrying CDC and operating solely between ports or places in the continental United States, must submit an NOA before departure but at least 12 hours before entering the port or place of destination.

(3) Times for submitting NOAs are as follows:

If your voyage time is—	You must submit an NOA—
(i) 96 hours or more; or	Before departure but at least 96 hours before entering the port or place of destination; or
(ii) Less than 96 hours	Before departure but at least 24 hours before entering the port or place of destination.

(b) *Submission of changes to NOA.* (1) Except as set out in paragraph (b)(2) of this section, vessels must submit changes in NOA information within the times required in paragraph (b)(3) of this section.

(2) Towing vessels, when in control of a vessel carrying CDC and operating solely between ports or places in the continental United States, must submit changes to an NOA as soon as practicable but at least 6 hours before entering the port or place of destination.

(3) Times for submitting changes to NOAs are as follows:

If your remaining voyage time is—	Then you must submit changes to an NOA—
(i) 96 hours or more;	As soon as practicable but at least 24 hours before entering the port or place of destination;
(ii) Less than 96 hours but not less than 24 hours; or	As soon as practicable but at least 24 hours before entering the port or place of destination; or
(iii) Less than 24 hours	As soon as practicable but at least 12 hours before entering the port or place of destination.

(c) *Submission of the Cargo Declaration (Customs Forms 1302).* (1) Except as set out in paragraph (c)(2) of this section, all vessels must submit to USCS the Cargo Declaration (Customs Form 1302) in entry (8) to Table 160.206, within the times required in paragraph (a)(3) of this section.

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(2)(i) Except for vessels carrying containerized cargo or break bulk cargo, vessels carrying bulk cargo may submit the Cargo Declaration (Customs Form 1302). Entry (8) to Table 160.206) before departure but at least 24 hours before entering the U.S. port or place of destination.

(ii) Vessels carrying break bulk cargo operating under a USCS exemption granted under 19 CFR 4.7(b)(4)(ii) may, during the effective period of the USCS exemption submit the Cargo Declaration (Customs Form 1302), (Entry (8) to Table 160.206) before departure but at least 24 hours before entering the U.S. port or place of destination.

§160.214 Waivers.

The Captain of the Port may waive, within that Captain of the Port's designated zone, any of the requirements of this subpart for any vessel or class of vessels upon finding that the vessel, route area of operations, conditions of the voyage, or other circumstances are such that application of this subpart is unnecessary or impractical for purposes of safety, environmental protection, or national security.

§160.215 Notice of hazardous conditions.

Whenever there is a hazardous condition either aboard a vessel or caused by a vessel or its operation, the owner, agent, master, operator, or person in charge shall immediately notify the nearest Coast Guard Marine Safety Office or Group Office. (Compliance with this section does not relieve responsibility for the written report required by 46 CFR 4.05-10.)

(FR 2/28/03)

18/03

COAST PILOT 2 32 Ed 2003 Change No. 6

Page 20—Paragraph 395, line 3 to Paragraph 396, line 3; read:

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

Mean Lower Low Water is defined ...

(CL 68/03; NOS/03)

18/03

Page 46—Insert in Box after Part 117:

Part 157 Rules for the Protection of the Marine Environment relating to Tank Vessels Carrying Oil in Bulk (33 CFR 157)

18/03

Page 205—Paragraph 94, line 1; read:

Cuttyhunk Light (41°24'51"N., 70°56'59"W.), 63 ...

(48/02 CG1; LL/02)

18/03

Page 237—Paragraph 192, line 1; read:

Conimicut Light (41°43'01"N., 71°20'42"W.), 58 feet ...

(49/02 CG1; LL/02)

18/03

Page 249—Paragraph 33, lines 1 to 2; read:

Block Island Southeast Light (41°09'10"N., 71°33'

04"W.), 261 feet above the water, is shown from a ...

(48/02 CG1; LL/02)

18/03

Page 254—Paragraph 83, line 1; read:

Race Rock Light (41°14'37"N., 72°02'49"W.), 67 feet ...

(49/02 CG1; LL/02)

18/03

Page 254—Paragraph 86, line 4; read:

locality. **Little Gull Island Light** (41°12'23"N., 72°06'25"W.), ...

(49/02 CG1; LL/02)

18/03

Page 257—Paragraph 128, lines 4 to 5; read:

passage are several rocks with depths of 17 to 19 feet over them. In December 2002, an obstruction in 64 feet of water, marked with three orange floats, was reported in about 41°10'06"N., 72°12'54"W. Tidal currents set through the passage with great ...

(49/02 CG1)

18/03

Page 282—Paragraph 86, line 1; read:

Bartlett Reef Light (41°16'28"N., 72°08'14"W.), 35 ...

(49/02 CG1; LL/02)

18/03

Page 285—Paragraph 116, lines 1 to 2; read:

Saybrook Breakwater Light (41°15'48"N., 72°20'34"W.), 58 feet above the water; is shown from a ...

(49/02 CG1; LL/02)

18/03

Page 292—Paragraph 224, line 10; read:

islands. **Falkner Island Light** (41°12'43"N., 72°39'13"W.),

...

(49/02 CG1; LL/02)

18/03

Page 296—Paragraph 264, line 1; read:

Southwest Ledge Light (41°14'04"N., 72°54'44"W.), ...

(49/02 CG1; LL/02)

18/03

Page 297—Paragraph 277, line 7; read:

Ledge Light. In July 2002, there was an obstruction near the mouth of the entrance channel in about 41°12'59"N., 72°54'11"W. with 22 feet water over it.

(CL 2345/02; 01/03 CG1)

18/03

Page 404—Paragraph 24; read:

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

(01/03 CG7)

18/03

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LAST NM 14/03**

Page 124—Paragraph 160, line 5; read:

or sound apparatus may be inoperative. Landmarks ...

(NOS/03)

18/03

COAST PILOT 3 (Continued)

- Page 132—Paragraph 39, lines 4 to 5; read:
water and therefore are not charted. In August 2002, the controlling depth was 8.3 feet (10 feet at midchannel) in the entrance ...
(BP 179330) 18/03
- Page 141—Paragraph 47, lines 4 to 7; read:
bridge, 0.4 mile from the mouth, has a bascule span with a 47-foot channel width and a vertical clearance of 14 feet. (See **117.1 through 117.59 and 117.705**, chapter 2, for drawbridge regulations.) The ...
(CL 1205/02) 18/03
- Page 178—Paragraph 69, line 5; read:
had a midchannel controlling depth of 5 feet in October 2002. A repair ...
(BP 179707; CL 57/03) 18/03
- Page 180—Paragraph 111, line 4; read:
with a controlling depth of 0.9 foot (1.3 feet at midchannel) in August 2002, extends about ...
(CL 59/03; BP 179710) 18/03
- Page 186—Paragraph 116, line 6; read:
In September 2002, the midchannel controlling depth was 4.5 feet to ...
(CL 195/03; BP 179754) 18/03
- Page 201—Paragraph 71, lines 3 to 6; read:
western arm about 0.8 mile above the entrance. In July 2002, the controlling depth was 4.5 feet in the E half of the channel with shoaling to 1.2 feet in the W half from the entrance to the turning basin, thence 9.8 feet in the basin. Depths of 10 feet are alongside the ...
(CL 61/03; BP 179713) 18/03
- Page 202—Paragraph 88, lines 5 to 6; read:
45.3 miles above the Virginia Capes. **Stingray Point Light** (37°33'42"N., 76°16'23"W.), 34 feet above the water, is shown from ...
(25/02 CG5; LL/02) 18/03
- Page 205—Paragraph 144, lines 4 to 5; read:
1990-September 2002, the controlling depth was 2.6 feet (3.4 feet at midchannel). An overhead power cable across the creek just above the ...
(CL 62/03; BP 179714) 18/03
- Page 209—Paragraph 26, lines 1 to 4; read:
Smith Point Light (37°52'47"N., 76°11'01"W.), 52 feet above the water, is shown from a white square brick tower and octagonal dwelling on a brown cylindrical pier about 2.5 miles east-southeast of the point; a fog signal is at ...
(26/02 CG5; LL/02) 18/03
- Page 238—Paragraph 58, line 1; read:
Tangier Sound Light (37°47'15"N., 75°58'25"W.), 45 feet
- ...
(25/02 CG5; LL/02) 18/03
- COAST PILOT 3 35 Ed 2002 Change No. 29**
- Page 126—Paragraph 14, line 3; read:
New Jersey coast. **Sandy Hook Light** (40°27'42"N., 74°00'07"W.), ...
(LL/02; 39/02 CG1) 18/03
- Page 149—Paragraph 72, lines 7 to 8; read:
(38°46'49"N., 74°34'32"W.), and Delaware Lighted Buoy D (38°27'18"N., 74°41'47"W.).
(LL/02; 24/02 CG5) 18/03
- Page 153—Paragraph 97, lines 3 to 4; read:
westward of Delaware Traffic Lane Lighted Buoy DC (38°43'47"N., 74°57'33"W.) through Cape Henlopen-Delaware ...
(LL/02; 24/02 CG5) 18/03
- Page 168—Paragraph 409, lines 3 to 6; read:
bridge, about 0.2 mile above the highway bridge, has a fixed span with a clearance of 20 feet. U.S. ...
(CL 2009/01) 18/03
- Page 182—Paragraph 30, line 4; read:
Point Light (37°52'47"N., 76°11'01"W.). They have been designed ...
(LL/02; 26/02 CG5) 18/03
- Page 182—Paragraph 34, line 10; read:
CB on the south end, and Lighted Whistle Buoy CH on the north ...
(44/02 CG5; LL/02) 18/03
- Page 183—Paragraph 47, line 2; read:
Lighted Whistle Buoy CH, but with prior arrangement and if ...
(44/02 CG5; LL/02) 18/03
- Page 185—Paragraph 90, line 3; read:
Old Point Comfort Light (37°00'06"N., 76°18'23"W.), 54 feet above the water, ...
(LL/02; 36/02 CG5) 18/03
- Page 199—Paragraph 32, line 1; read:
York Spit Light (37°12'37"N., 76°15'15"W.), 30 feet above ...
(LL/02; 51/02 CG5) 18/03
- Page 235—Paragraph 9, line 1; read:
Old Plantation Flats Light (37°13'44"N., 76°02'49"W.), 39 ...
(LL/02; 25/02 CG5) 18/03
- Page 237—Paragraph 46, line 3; read:
channel as far as the light on the southwest end of Guilford

COAST PILOT 3 (Continued)

...			Page 200—Paragraph 44, lines 3 to 6; read: entrance channel and for about 0.8 mile up both its branches. A large yacht haven, on the west side ...	
(LL/02; NOS 12228)		18/03	(NOS/03)	18/03
COAST PILOT 3	35 Ed 2002	Change No. 30		
Page 204—Paragraph 140, lines 2 to 3; read: above the entrance has a 40-foot channel span with a reported clearance of 20 feet. A “no wake” speed limit is in effect in Urbanna Creek.			Page 203—Paragraph 111, lines 9 to 11; read: 93.1 and 93.2, respectively, at Fredericksburg.	
(CL 1960/02)		18/03	(NOS/03)	18/03
Page 205—Paragraph 142, lines 3 to 4; read: west side. A 42-foot marine railway, a machine shop, gasoline, diesel fuel, water, ice, a pump-out station, berthing; some with electric and hull and engine repairs are available. The lift capacity is 40 tons. The wharf ...			Page 209—Paragraph 28, lines 3 to 5; read: entrance. A small-craft facility on the east side of the creek can provide gasoline, diesel fuel, water, ice, berths with electricity, a pump-out station and some marine supplies. The approach depth was reported as 4.5 feet with an alongside depth of 6 feet. Hull and engine repairs are available; lift capacity, 12 tons.	
(CL 1961/02)		18/03	(CL 2341/02; CL 2342/02)	18/03
Page 205—Paragraph 143, lines 8 to 10; read: the west side have reported depths of 5 feet alongside. Gasoline, ice, water, a pump-out station, supplies, berthing; some with electric, hull, engine and electronic repairs and a 45-foot marine railway are available; lift capacity, 18 tons.			Page 209—Paragraph 30; read: A small-craft facility on the north side of the river about 3.6 miles above the entrance can provide water, berths and marine supplies. A marine railway at the facility can handle craft up to 50 feet for hull, electronic and engine repairs; lift capacity, 20 tons.	
(CL 1961/02)		18/03	(CL 2289/02; NOS 12285)	18/03
Page 205—Paragraph 157, line 4; read: made. A 6-ton lift is available.			Page 210—Paragraph 39, line 3; read: the river from all winds. A depth of about 8 feet is available	
(CL 1959/02)		18/03	...	
Page 210—Paragraph 47; strike out.			(NOS 12233)	18/03
(CL 393/03)		18/03		
Page 211—Paragraph 76, lines 5 to 7; read: Ice, water, a pump-out station, some marine supplies and berthing with electricity are available. The marine railways on the west side of the creek can handle boats up to 60 feet for hull and engine repairs; lift capacity, 20 tons.			Page 210—Paragraph 49, lines 5 to 7; read: miles above the mouth can provide berthing with electricity, gasoline, diesel fuel, ice, water, a pump-out station and marine supplies. The reported approach depth was 12 feet with an alongside depth of 10 feet. Hull and engine repairs can be made; lift capacity, 25 tons.	
(CL 17/03; 1879/02)		18/03	(CL 2318/02)	18/03
COAST PILOT 3	35 Ed 2002	Change No. 31		
Page 6—Paragraph 134, line 7; read: principal seaports. Light Lists are also available to view on the USCG Navigation Center internet site at www.navcen.uscg.gov/pubs/lightlists/lightlists.htm . Mariners should refer to these publications for detailed ...			Page 210—Paragraph 55, lines 3 to 6; read: entrance. The fixed ...	
(08/03 CG7)		18/03	(CL 2377/02)	18/03
Page 145—Paragraph 129, lines 7 to 9; read: year round, full service marina with a 4-foot approach reported in November 2002. Berths with electricity, water, ice, a pump-out station, diesel fuel, gasoline, marine supplies, hull, engine and electronic repairs are available; lift capacity, 35 tons.			Page 211—Paragraph 75, lines 7 to 9; read: end. Daybeacons ...	
(CL 2258/02)		18/03	(NOS/03)	18/03
			Page 212—Paragraph 101, lines 4 to 7; read: above the entrance.	
			(CL 2377/02)	18/03
			Page 217—Paragraph 159, lines 2 to 5; read: Some marine supplies, gasoline, diesel fuel, berthing with electricity, water, ice and a pump-out station are available at a marina on the north side of the creek 0.5 mile inside the entrance. Approach and alongside depths were reported at 5.5 feet. Hull and engine repairs can be made; lift capacity,	

COAST PILOT 3 (Continued)

30 tons. (CL 2318/02)	18/03	tronic, and hull repairs are available; lift to 30-tons. (CL 214/03)	18/03
COAST PILOT 3	35 Ed 2002	Change No. 32	
Page 177—Paragraph 44, lines 4 to 5; read: Assawoman Canal and Ocean View . In April 2002, the controlling depth in the channel was 1.7 feet to Assawoman Canal, thence depths less than 1 foot to Ocean View. Gasoline and some supplies are ... (BP 178343; CL 1488/02)	18/03	Page 254—Paragraph 27, lines 7 to 8; read: the west shore. Mariners are advised to exercise ... (NOS/03)	18/03
Page 186—Paragraph 102, lines 3 to 6; read: craft and petroleum barges. In February 2002, the controlling depth was 11.4 feet (12 feet at midchannel) in the dredged channel to the head of the project. Fuel, supplies, ... (BPs 179438-39; CL 2066/02)	18/03	Page 263—Paragraph 168, lines 4 to 8; read: privately buoyed entrance has depths of about 6 feet. A marina with berthing facilities is on ... (NOS/03)	18/03
Page 205—Paragraph 152, lines 3 to 7; read: Totuskey Bridge, 4 miles above the mouth. In April 2001, the midchannel controlling depth in the entrance channel and in the creek channel to the bridge was 4.2 feet. In September 2001, a centerline controlling depth of 7.5 feet was reported in the Creek. The channel is narrow in places and difficult to follow, deeper water is available with local knowledge. A timber-and-bush dike on the ... (DD 2480; BPs 178073-77)	18/03	Page 263—Paragraph 170, lines 8 to 10; read: entrance, is marked by buoys. (NOS/03)	18/03
Page 234—Paragraph 133; strike out. (NOS/03)	18/03	COAST PILOT 3	35 Ed 2002
Page 235—Paragraph 11; strike out. (NOS/03)	18/03	Change No. 33	
Page 238—Paragraph 66; strike out. (NOS/03)	18/03	Page 66—Paragraph 1135, line 5 to Page 68—Paragraph 1262; read: subject to any penalties under 33 U.S.C. 1232.	
Page 238—Paragraph 71; strike out. (NOS/03)	18/03	Subpart C—Notification of Arrival, Hazardous Conditions, and Certain Dangerous Cargos	
Page 239—Paragraph 78, lines 4 to 8; read: they pay close attention to the chart. Hooper Strait Light ... (NOS/03)	18/03	§160.201 General.	
Page 239—Paragraph 80; strike out. (NOS/03)	18/03	This subpart contains requirements and procedures for submitting Notices of Arrival (NOA) and Notice of Hazardous Condition. The sections in this subpart describe:	
Page 239—Paragraph 85; strike out. (NOS/03)	18/03	(a) Applicability and exemptions from requirements in this subpart;	
Page 240—Paragraph 99, lines 1 to 3; read: The channel is marked to a point ... (NOS/03)	18/03	(b) Required information in an NOA;	
Page 244—Paragraph 188, line 12; read: fuel, marine supplies, water, pump-out station, engine, elec-	18/03	(c) Required changes to an NOA;	
		(d) Methods and times for submission of an NOA and changes to an NOA;	
		(e) How to obtain a waiver; and	
		(f) Requirements for submission of the Notice of Hazardous Conditions.	
		§160.202 Applicability.	
		(a) This subpart applies to U.S. and foreign vessels bound for or departing from ports or places in the United States.	
		(b) This subpart does not apply to recreational vessels under 46 U.S.C. 4301 <i>et seq.</i>	
		(c) Unless otherwise specified in this subpart, the owner, agent, master, operator, or person in charge of a vessel regulated by this subpart is responsible for compliance with the requirements in this subpart.	
		(d) Towing vessels controlling a barge or barges required to submit an NOA under this subpart must submit only one NOA containing the information required for the towing vessel and each barge under its control.	
		§160.203 Exemptions.	
		(a) Except for reporting notice of hazardous conditions, the following vessels are exempt from requirements in this subpart:	
		(1) Passenger and supply vessels when they are employed in the exploration for or in the removal of oil, gas, or mineral resources on the continental shelf.	

COAST PILOT 3 (Continued)

(2) Oil Spill Recovery Vessels (OSRVs) when engaged in actual spill response operations or during spill response exercises.

(3) Vessels operating upon the following waters:

(i) Mississippi River between its sources and mile 235, Above Head of Passes;

(ii) Tributaries emptying into the Mississippi River above mile 235;

(iii) Atchafalaya River above its junction with the Plaquemine-Morgan City alternate waterway and the Red River; and

(iv) The Tennessee River from its confluence with the Ohio River to mile zero on the Mobile River and all other tributaries between those two points.

(b) If not carrying certain dangerous cargo or controlling another vessel carrying certain dangerous cargo, the following vessels are exempt from NOA requirements in this subpart:

(1) Vessels 300 gross tons or less, except for vessels entering any port or place in the Seventh Coast Guard District as described in 33 CFR 3.35-1(b).

(2) Vessels operating exclusively within a Captain of the Port Zone.

(3) Vessels arriving at a port or place under force majeure.

(4) Towing vessels and barges operating solely between ports or places in the continental United States.

(5) Public vessels.

(6) Except for tank vessels, U.S. vessels operating solely between ports or places in the United States on the Great Lakes.

(c) Vessels less than 500 gross tons need not submit the International Safety Management (ISM) Code Notice (Entry (7) to Table 160.206).

(d) Vessels operating solely between ports or places in the continental United States need not submit the Cargo Declaration (Customs Form 1302), (Entry (8) to Table 160.206).

(e) This section does not exempt any vessel from compliance with the U.S. Customs Service (USCS) reporting or submission requirements.

§160.204 Definitions.

As used in this subpart:

Agent means any person, partnership, firm, company or corporation engaged by the owner or charterer of a vessel to act in their behalf in matters concerning the vessel.

Barge means a non-self propelled vessel engaged in commerce.

Carried in bulk means a commodity that is loaded or carried on board a vessel without containers or labels and received and handled without mark or count.

Certain dangerous cargo (CDC) includes any of the following:

(1) Division 1.1 or 1.2 explosives as defined in 49 CFR 173.50.

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

(3) Division 2.3 “poisonous gas”, as listed in 49 CFR

172.101 that is also a “material poisonous by inhalation” as defined in 49 CFR 171.8, and that is in a quantity in excess of 1 metric ton per vessel.

(4) Division 5.1 oxidizing materials for which a permit is required under 49 CFR 176.415 or for which a permit is required as a condition of a Research and Special Programs Administration exemption.

(5) A liquid material that has a primary or subsidiary classification of Division 6.1 “poisonous material” as listed 49 CFR 172.101 that is also a “material poisonous by inhalation,” as defined in 49 CFR 171.8 and that is in a bulk packaging, or that is in a quantity in excess of 20 metric tons per vessel when not in a bulk packaging.

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

(7) Bulk liquefied chlorine gas and Bulk liquefied gas cargo that is flammable and/or toxic and carried under 46 CFR 154.7.

(8) The following bulk liquids:

(i) Acetone cyanohydrin,

(ii) Allyl alcohol,

(iii) Chlorosulfonic acid,

(iv) Crotonaldehyde,

(v) Ethylene chlorohydrin,

(vi) Ethylene dibromide,

(vii) Methacrylonitrile, and

(viii) Oleum (fuming sulfuric acid).

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

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

Great Lakes means Lakes Superior, Michigan, Huron, Erie, and Ontario, their connecting and tributary waters, the Saint Lawrence River as far as Saint Regis, and adjacent port areas.

Gross tons means the tonnage determined by the tonnage authorities of a vessel’s flag state in accordance with the national tonnage rules in force before the entry into force of the International Convention on Tonnage Measurement of Ships, 1969 (“Convention”). For a vessel measured only under Annex I of the Convention, gross tons means that tonnage. For a vessel measured under both systems, the higher gross tonnage is the tonnage used for the purposes of the 300-gross-ton threshold.

Hazardous condition means any condition that may adversely affect the safety of any vessel, bridge, structure, or shore area or the environmental quality of any port, harbor, or navigable waterway of the United States. It may, but need not, involve collision, allision, fire, explosion, grounding, leaking, damage, injury or illness of a person aboard, or manning-shortage.

Nationality means the state (nation) in which a person is a citizen or to which a person owes permanent allegiance.

Operator means any person including, but not limited to,

COAST PILOT 3 (Continued)

an owner, a charterer, or another contractor who conducts, or is responsible for, the operation of a vessel.

Persons in addition to crewmembers mean any person onboard the vessel, including passengers, who are not included on the list of crewmembers.

Port or place of departure means any port or place in which a vessel is anchored or moored.

Port or place of destination means any port or place in which a vessel is bound to anchor or moor.

Public vessel means a vessel that is owned or demised (bareboat) chartered by the government of the United States, by a State or local government, or by the government of a

foreign country and that is not engaged in commercial service.

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

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

§160.206 Information required in an NOA.

(a) Each NOA must contain all of the information items specified in Table 160.206

TABLE 160.206.—NOA INFORMATION ITEMS

Required information	Vessels not carrying CDC	Vessels	Towing vessels controlling vessels carrying CDC
<i>(1) Vessel Information:</i>			
(i) Name;	X	X	X
(ii) Name of the registered owner;	X	X	X
(iii) Country of registry;	X	X	X
(iv) Call sign;	X	X	X
(v) International Maritime Organization (IMO) international number or, if vessel does not have an assigned IMO international number, substitute with official number;	X	X	X
(vi) Name of the operator;	X	X	X
(vii) Name of the charterer; and	X	X	X
(viii) Name of classification society.	X	X	X
<i>(2) Voyage Information:</i>			
(i) Names of last five ports or places visited;	X	X	X
(ii) Dates of arrival and departure for last five ports or places visited;	X	X	X
(iii) For each port or place in the United States to be visited, list the names of the receiving facility, the port or place, the city, and the state;	X	X	X
(iv) For each port or place in the United States to be visited, the estimated date and time of arrival;	X	X	X
(v) For each port or place in the United States to be visited, the estimated date and time of departure;	X	X	X
(vi) The location (port or place and country) or position (latitude and longitude or waterway and mile marker) of the vessel at the time of reporting; and	X	X	X
(vii) The name and telephone number of a 24-hour point of contact.	X	X	X
<i>(3) Cargo Information:</i>			
(i) A general description of cargo, other than CDC, onboard the vessel (e.g.: grain, container, oil, etc);	X	X	X
(ii) Name of each certain dangerous cargo carried, including cargo UN number, if applicable; and		X	X
(iii) Amount of each certain dangerous cargo carried.		X	X
<i>(4) Information for each Crewmember Onboard:</i>			
(i) Full name;	X	X	X
(ii) Date of birth;	X	X	X
(iii) Nationality;	X	X	X
(iv) Passport or mariners document number (type of identification and number);	X	X	X
(v) Position or duties on the vessel; and	X	X	X
(vi) Where the crewmember embarked (list port or place and country).	X	X	X

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(5) <i>Information for each Person Onboard in Addition to Crew:</i>			
(i) Full name;	X	X	X
(ii) Date of birth;	X	X	X
(iii) Nationality;	X	X	X
(iv) Passport number; and	X	X	X
(v) Where the person embarked (list port or place and country).	X	X	X
(6) <i>Operational condition of equipment required by §164.35 of this chapter.</i>	X	X	X
(7) <i>International Safety Management (ISM) Code Notice:</i>			
(i) The date of issuance for the company's Document of Compliance certificate that covers the vessel;	X	X	X
(ii) The date of issuance for the vessel's Safety Management Certificate; and	X	X	X
(iii) The name of the Flag Administration, or the recognized organization(s) representing the vessel flag administration, that issued those certificates.	X	X	X
(8) <i>Cargo Declaration (Customs Form (1302) as described in 19 CFR 4.7.</i>	X	X	X

(b) Vessels operating solely between ports or places in the continental United States need submit only the name of and date of arrival and departure for the last port or places visited to meet the requirements in entries (2)(i) and (ii) to Table 160.206 of this section.

(c) You may submit a copy of INS Form I-418 to meet the requirements of entries (4) and (5) in Table 160.206.

(d) Any vessel planning to enter two or more consecutive ports or places in the United States during a single voyage may submit one consolidated Notification of Arrival at least 96 hours before entering the first port or place of destination. The consolidated notice must include the name of the port or place and estimated arrival date for each destination of the voyage. Any vessel submitting a consolidated notice under this section must still meet the requirements of §160.208 of this part concerning requirements for charges to an NOA.

§160.208 Changes to a submitted NOA.

(a) Unless otherwise specified in this section, when submitted NOA information changes, vessels must submit a notice of change within the times required in §160.212.

(b) Changes in the following information need not be reported:

(1) Changes in arrival or departure times that are less than six (6) hours;

(2) Changes in vessel location or position of the vessel at the time of reporting (entry (2)(vi) to Table 160.206); and

(3) Changes to crewmembers' position or duties on the vessel (entry (5)(v) to Table 160.206).

(c) When reporting changes, submit only the name of the vessel, original NOA submission date, the port of arrival, the specific items to be corrected, and the new location or position of the vessel at the time of reporting. Only changes to NOA information need to be submitted.

§160.210 Methods for submitting an NOA.

(a) *Submission to the National Vessel Movement Center (NVMC).* Except as provided in paragraphs (b) and (c) of this section, all vessels required to submit NOA information in §160.206 (entries 1-7 to Table 160.206) to the NVMC, United States Coast Guard, 408 Coast Guard Drive, Kearneysville, WV, 25430, shall do so by:

(1) Telephone at 1-800-708-9823 or 304-264-2502;

(2) Fax at 1-800-547-8724 or 304-264-2684; or

(3) E-mail at SANS@NVMC.USCG.gov.

Note to paragraph (a): Information about the National Vessel Movement Center is available on its Web site at <http://www.nvmc.uscg.gov/>. You may submit the notice using any electronic format available on the NVMC website.

(b) *Saint Lawrence Seaway transits.* Those vessels transiting the Saint Lawrence Seaway inbound, bound for a port or place in the United States, may meet the submission requirements of paragraph (a) of this section by submitting the required information to the Saint Lawrence Seaway Development Corporation and the Saint Lawrence Seaway Management Corporation of Canada by fax at 315-764-3235 or at 315-764-3200. The Cargo Declaration (Customs Form 1302) in entry (8) in Table 160.206 must be submitted electronically to the USCS, as required by paragraph (d) of this section.

(c) *Seventh Coast Guard District.* Those vessels 300 or less gross tons operating in the Seventh Coast Guard District must submit an NOA to the cognizant Captain of the Port (COTP). The Cargo Declaration (Customs Form 1302) in entry (8) in Table 160.206 must be submitted electronically to the USCS, as required by paragraph (d) of this section.

(d) *Submission to the United States Customs Service's Sea Automated Manifest System (AMS).*

(1) Beginning July 1, 2003, the Cargo Declaration (Customs Form 1302) in entry (8) in Table 160.206 must be submitted electronically to the USCS Sea AMS by one of the following methods:

(i) By direct connection with USCS or by purchasing the proper software; or

(ii) Using a service provider or a Port Authority.

(2) To become a participant in Sea AMS, submitters must provide a letter of intent to USCS prior to first submission.

§160.212 When to submit an NOA.

(a) *Submission of NOA.* (1) Except as set out in paragraph (a)(2) of this section, all vessels must submit NOAs within the times required in paragraph (a)(3) of this section.

(2) Towing vessels, when in control of a vessel carrying CDC and operating solely between ports or places in the continental United States, must submit an NOA before departure but at least 12 hours before entering the port or

COAST PILOT 3 (Continued)

place of destination.

(3) Times for submitting NOAs are as follows:

If your voyage time is—	You must submit an NOA—
(i) 96 hours or more; or	Before departure but at least 96 hours before entering the port or place of destination; or
(ii) Less than 96 hours	Before departure but at least 24 hours before entering the port or place of destination.

(b) *Submission of changes to NOA.* (1) Except as set out in paragraph (b)(2) of this section, vessels must submit changes in NOA information within the times required in paragraph (b)(3) of this section.

(2) Towing vessels, when in control of a vessel carrying CDC and operating solely between ports or places in the continental United States, must submit changes to an NOA as soon as practicable but at least 6 hours before entering the port or place of destination.

(3) Times for submitting changes to NOAs are as follows:

If your remaining voyage time is—	Then you must submit changes to an NOA—
(i) 96 hours or more;	As soon as practicable but at least 24 hours before entering the port or place of destination;
(ii) Less than 96 hours but not less than 24 hours; or	As soon as practicable but at least 24 hours before entering the port or place of destination; or
(iii) Less than 24 hours	As soon as practicable but at least 12 hours before entering the port or place of destination.

(c) *Submission of the Cargo Declaration (Customs Forms 1302).* (1) Except as set out in paragraph (c)(2) of this section, all vessels must submit to USCS the Cargo Declaration (Customs Form 1302) in entry (8) to Table 160.206, within the times required in paragraph (a)(3) of this section.

(2)(i) Except for vessels carrying containerized cargo or break bulk cargo, vessels carrying bulk cargo may submit the Cargo Declaration (Customs Form 1302), Entry (8) to Table 160.206) before departure but at least 24 hours before entering the U.S. port or place of destination.

(ii) Vessels carrying break bulk cargo operating under a USCS exemption granted under 19 CFR 4.7(b)(4)(ii) may, during the effective period of the USCS exemption submit the Cargo Declaration (Customs Form 1302), (Entry (8) to Table 160.206) before departure but at least 24 hours before entering the U.S. port or place of destination.

§160.214 Waivers.

The Captain of the Port may waive, within that Captain of the Port's designated zone, any of the requirements of this subpart for any vessel or class of vessels upon finding that the vessel, route area of operations, conditions of the voyage, or other circumstances are such that application of this subpart is unnecessary or impractical for purposes of safety, environmental protection, or national security.

§160.215 Notice of hazardous conditions.

Whenever there is a hazardous condition either aboard a vessel or caused by a vessel or its operation, the owner, agent, master, operator, or person in charge shall immediately notify the nearest Coast Guard Marine Safety Office or Group Office. (Compliance with this section does not relieve responsibility for the written report required by 46 CFR 4.05–10.)

(FR 2/28/03)

18/03

COAST PILOT 3 35 Ed 2002 Change No. 34

Page 228—Paragraph 98, lines 7 to 8; read: Marine Police, Tawes State Office Building, Annapolis, MD 21401; telephone 410-260-8880.

(CL 539/03)

18/03

Page 228—Paragraph 107, line 3; read: channel, thence 12 feet to the highway bridge, and thence 10 to 6 feet ...

(NOS 12283; CL 539/03)

18/03

Page 232—Paragraph 118, lines 2 to 5; read: River has a fixed span with a clearance of 75 feet. A large fishing pier is above and adjacent to the highway bridge on the east of the Severn River.

(CL 539/03; NOS 12283)

18/03

COAST PILOT 3 35 Ed 2002 Change No. 35

Page 134—Paragraph 75, lines 2 to 4; read: west of Cape May Inlet. In July–October 2002, the midchannel controlling depth was 11.7 feet through Cape May Inlet to the inner end of the jetties; thence in May 2002, 10.5 feet (13.7 feet at midchannel) to the Coast Guard ...

(BPs 178563-64; BP 177827; BP 179514)

18/03

Page 156—Paragraph 158, line 3; read: September 2002, the controlling depth was 6.4 feet in the dredged entrance channel to Buoy 6, thence in March 2002, 3.0 feet for the remainder of the entrance ...

(BP 179378; BP 177487)

18/03

Page 165—Paragraph 344; strike out.

(CL 498/02)

18/03

Page 210—Paragraph 56, lines 8 to 10; read: at their outer ends.

(NOS/03)

18/03

COAST PILOT 4 (Continued)

LOT. The ... (CL 2349/02)	18/03	depth of 6 ... (CL 14/03)	18/03
Page 252—Paragraph 90, lines 3 to 5; read: electricity, gasoline, diesel fuel, pumpout, water, ice, and marine supplies are available. Engine and electronic repairs can be made. In December 2002, the privately marked and maintained channel had a reported controlling depth of 10 feet. (CL 2371/02)	18/03	Page 333—Paragraph 203, lines 5 to 8; read: miles above the mouth. Berthing, electricity, gasoline, diesel fuel, water, ice, pumpout, and engine and electronic repairs are available. Depths of 7 feet are reported in the approach to the facility with 12 feet alongside the piers. The waterway enters Hell Gate ... (CL 73/03)	18/03
Page 252—Paragraph 91, line 3; read: diesel fuel, water, ice, marine supplies, pumpout, and lift to 77 ... (CL 14/03)	18/03	Page 334—Paragraph 215, lines 3 to 5; read: creek about 1.1 miles above the mouth. Berthage with gasoline, water, ice, wet and dry storage, a 4-ton lift, and a marine railway for crafts up to 24 feet are available. A Coast Guard ... (CL 2371/02)	18/03
Page 268—Paragraph 149, line 4; read: fuel, water, ice, marine supplies, pumpout and boat storage. Hull and engine repairs can be made. A 2-ton mobile hoist and a marine railway for crafts up to 35 feet are available. (CL 1217/02)	18/03	COAST PILOT 4 34 Ed 2002 Change No. 6	
Page 284—Paragraph 162, lines 1 to 6; read: On the north bank of the creek, just westward of the bridge is a fish camp with berths, electricity, gasoline, water, ice, launching ramp and limited marine supplies and a marina with berths, gasoline, diesel fuel, water, ice, and marine supplies. A 15-ton mobile lift is available and hull repairs can be made. On the eastward side of the bridge is a marina with berths, electricity, gasoline, water, ice and marine supplies. A 10-ton mobile lift ... (CL 923/02)	18/03	Page 6—Paragraph 143, line 7; read: principal seaports. Light Lists are also available to view on the USCG Navigation Center internet site at www.navcen.uscg.gov/pubs/lightlists/lights.htm . Mariners should refer to these publications for detailed ... (08/03 CG7)	18/03
Page 285—Paragraph 165, line 8; read: industrial park is prominent from the river. A marina at pier 11 has berths, electricity, water, ice, and 30-ton mobile lift; all types of repairs can be made. A boatyard that repairs ... (CL 1744/02)	18/03	Page 82—Paragraph 1427, line 5 to Page 86—Paragraph 1600; read: subject to any penalties under 33 U.S.C. 1232.	
Page 285—Paragraph 167, line 8; read: 38-foot fixed span with a clearance of 14 feet. Berths, gasoline, electricity, water, ... (CL 1744/02)	18/03	Subpart C—Notification of Arrival, Hazardous Conditions, and Certain Dangerous Cargos §160.201 General. This subpart contains requirements and procedures for submitting Notices of Arrival (NOA) and Notice of Hazardous Condition. The sections in this subpart describe: (a) Applicability and exemptions from requirements in this subpart; (b) Required information in an NOA; (c) Required changes to an NOA; (d) Methods and times for submission of an NOA and changes to an NOA; (e) How to obtain a waiver; and (f) Requirements for submission of the Notice of Hazardous Conditions.	
Page 327—Paragraph 84, lines 2 to 5; read: The channel is marked by a light and daybeacons. (NOS 11553, Dwg #21)	18/03	§160.202 Applicability. (a) This subpart applies to U.S. and foreign vessels bound for or departing from ports or places in the United States. (b) This subpart does not apply to recreational vessels under 46 U.S.C. 4301 <i>et seq.</i> (c) Unless otherwise specified in this subpart, the owner, agent, master, operator, or person in charge of a vessel regulated by this subpart is responsible for compliance with the requirements in this subpart. (d) Towing vessels controlling a barge or barges required to submit an NOA under this subpart must submit only one NOA containing the information required for the towing ves-	
Page 332—Paragraph 182, lines 9 to 10; read: electricity, gasoline, diesel fuel, water, ice, pumpout and wet storage are available. A 30-ton travel lift is available; hull, engine and electronic repairs can be made. (CL 2077/02)	18/03		
Page 332—Paragraph 184, lines 8 to 10; read: above the bridge on the east side of the waterway. Berths, gasoline, electricity, water, ice, pumpout, marine supplies, and a launching ramp are available. In December 2002, a			

COAST PILOT 4 (Continued)

sel and each barge under its control.

§160.203 Exemptions.

(a) Except for reporting notice of hazardous conditions, the following vessels are exempt from requirements in this subpart:

(1) Passenger and supply vessels when they are employed in the exploration for or in the removal of oil, gas, or mineral resources on the continental shelf.

(2) Oil Spill Recovery Vessels (OSRVs) when engaged in actual spill response operations or during spill response exercises.

(3) Vessels operating upon the following waters:

(i) Mississippi River between its sources and mile 235, Above Head of Passes;

(ii) Tributaries emptying into the Mississippi River above mile 235;

(iii) Atchafalaya River above its junction with the Plaquemine-Morgan City alternate waterway and the Red River; and

(iv) The Tennessee River from its confluence with the Ohio River to mile zero on the Mobile River and all other tributaries between those two points.

(b) If not carrying certain dangerous cargo or controlling another vessel carrying certain dangerous cargo, the following vessels are exempt from NOA requirements in this subpart:

(1) Vessels 300 gross tons or less, except for vessels entering any port or place in the Seventh Coast Guard District as described in 33 CFR 3.35–1(b).

(2) Vessels operating exclusively within a Captain of the Port Zone.

(3) Vessels arriving at a port or place under force majeure.

(4) Towing vessels and barges operating solely between ports or places in the continental United States.

(5) Public vessels.

(6) Except for tank vessels, U.S. vessels operating solely between ports or places in the United States on the Great Lakes.

(c) Vessels less than 500 gross tons need not submit the International Safety Management (ISM) Code Notice (Entry (7) to Table 160.206).

(d) Vessels operating solely between ports or places in the continental United States need not submit the Cargo Declaration (Customs Form 1302), (Entry (8) to Table 160.206).

(e) This section does not exempt any vessel from compliance with the U.S. Customs Service (USCS) reporting or submission requirements.

§160.204 Definitions.

As used in this subpart:

Agent means any person, partnership, firm, company or corporation engaged by the owner or charterer of a vessel to act in their behalf in matters concerning the vessel.

Barge means a non-self propelled vessel engaged in commerce.

Carried in bulk means a commodity that is loaded or carried on board a vessel without containers or labels and received and handled without mark or count.

Certain dangerous cargo (CDC) includes any of the following:

(1) Division 1.1 or 1.2 explosives as defined in 49 CFR 173.50.

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

(3) Division 2.3 “poisonous gas”, as listed in 49 CFR 172.101 that is also a “material poisonous by inhalation” as defined in 49 CFR 171.8, and that is in a quantity in excess of 1 metric ton per vessel.

(4) Division 5.1 oxidizing materials for which a permit is required under 49 CFR 176.415 or for which a permit is required as a condition of a Research and Special Programs Administration exemption.

(5) A liquid material that has a primary or subsidiary classification of Division 6.1 “poisonous material” as listed 49 CFR 172.101 that is also a “material poisonous by inhalation,” as defined in 49 CFR 171.8 and that is in a bulk packaging, or that is in a quantity in excess of 20 metric tons per vessel when not in a bulk packaging.

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

(7) Bulk liquefied chlorine gas and Bulk liquefied gas cargo that is flammable and/or toxic and carried under 46 CFR 154.7.

(8) The following bulk liquids:

(i) Acetone cyanohydrin,

(ii) Allyl alcohol,

(iii) Chlorosulfonic acid,

(iv) Crotonaldehyde,

(v) Ethylene chlorohydrin,

(vi) Ethylene dibromide,

(vii) Methacrylonitrile, and

(viii) Oleum (fuming sulfuric acid).

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

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

Great Lakes means Lakes Superior, Michigan, Huron, Erie, and Ontario, their connecting and tributary waters, the Saint Lawrence River as far as Saint Regis, and adjacent port areas.

Gross tons means the tonnage determined by the tonnage authorities of a vessel’s flag state in accordance with the national tonnage rules in force before the entry into force of the International Convention on Tonnage Measurement of Ships, 1969 (“Convention”). For a vessel measured only under Annex I of the Convention, gross tons means that tonnage. For a vessel measured under both systems, the higher gross tonnage is the tonnage used for the purposes of the 300-gross-ton threshold.

Hazardous condition means any condition that may

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adversely affect the safety of any vessel, bridge, structure, or shore area or the environmental quality of any port, harbor, or navigable waterway of the United States. It may, but need not, involve collision, allision, fire, explosion, grounding, leaking, damage, injury or illness of a person aboard, or manning-shortage.

Nationality means the state (nation) in which a person is a citizen or to which a person owes permanent allegiance.

Operator means any person including, but not limited to, an owner, a charterer, or another contractor who conducts, or is responsible for, the operation of a vessel.

Persons in addition to crewmembers mean any person onboard the vessel, including passengers, who are not included on the list of crewmembers.

Port or place of departure means any port or place in which a vessel is anchored or moored.

Port or place of destination means any port or place in

which a vessel is bound to anchor or moor.

Public vessel means a vessel that is owned or demise- (bareboat) chartered by the government of the United States, by a State or local government, or by the government of a foreign country and that is not engaged in commercial service.

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

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

§160.206 Information required in an NOA.

(a) Each NOA must contain all of the information items specified in Table 160.206

TABLE 160.206.—NOA INFORMATION ITEMS

Required information	Vessels not carrying CDC	Vessels	Towing vessels controlling vessels carrying CDC
<i>(1) Vessel Information:</i>			
(i) Name;	X	X	X
(ii) Name of the registered owner;	X	X	X
(iii) Country of registry;	X	X	X
(iv) Call sign;	X	X	X
(v) International Maritime Organization (IMO) international number or, if vessel does not have an assigned IMO international number, substitute with official number;	X	X	X
(vi) Name of the operator;	X	X	X
(vii) Name of the charterer; and	X	X	X
(viii) Name of classification society.	X	X	X
<i>(2) Voyage Information:</i>			
(i) Names of last five ports or places visited;	X	X	X
(ii) Dates of arrival and departure for last five ports or places visited;	X	X	X
(iii) For each port or place in the United States to be visited, list the names of the receiving facility, the port or place, the city, and the state;	X	X	X
(iv) For each port or place in the United States to be visited, the estimated date and time of arrival;	X	X	X
(v) For each port or place in the United States to be visited, the estimated date and time of departure;	X	X	X
(vi) The location (port or place and country) or position (latitude and longitude or waterway and mile marker) of the vessel at the time of reporting; and	X	X	X
(vii) The name and telephone number of a 24-hour point of contact.	X	X	X
<i>(3) Cargo Information:</i>			
(i) A general description of cargo, other than CDC, onboard the vessel (e.g.: grain, container, oil, etc);	X	X	X
(ii) Name of each certain dangerous cargo carried, including cargo UN number, if applicable; and		X	X
(iii) Amount of each certain dangerous cargo carried.		X	X

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(4) <i>Information for each Crewmember Onboard:</i>			
(i) Full name;	X	X	X
(ii) Date of birth;	X	X	X
(iii) Nationality;	X	X	X
(iv) Passport or mariners document number (type of identification and number);	X	X	X
(v) Position or duties on the vessel; and	X	X	X
(vi) Where the crewmember embarked (list port or place and country).	X	X	X
(5) <i>Information for each Person Onboard in Addition to Crew:</i>			
(i) Full name;	X	X	X
(ii) Date of birth;	X	X	X
(iii) Nationality;	X	X	X
(iv) Passport number; and	X	X	X
(v) Where the person embarked (list port or place and country).	X	X	X
(6) <i>Operational condition of equipment required by §164.35 of this chapter.</i>	X	X	X
(7) <i>International Safety Management (ISM) Code Notice:</i>			
(i) The date of issuance for the company's Document of Compliance certificate that covers the vessel;	X	X	X
(ii) The date of issuance for the vessel's Safety Management Certificate; and	X	X	X
(iii) The name of the Flag Administration, or the recognized organization(s) representing the vessel flag administration, that issued those certificates.	X	X	X
(8) <i>Cargo Declaration (Customs Form (1302) as described in 19 CFR 4.7.</i>	X	X	X

(b) Vessels operating solely between ports or places in the continental United States need submit only the name of and date of arrival and departure for the last port or places visited to meet the requirements in entries (2)(i) and (ii) to Table 160.206 of this section.

(c) You may submit a copy of INS Form I-418 to meet the requirements of entries (4) and (5) in Table 160.206.

(d) Any vessel planning to enter two or more consecutive ports or places in the United States during a single voyage may submit one consolidated Notification of Arrival at least 96 hours before entering the first port or place of destination. The consolidated notice must include the name of the port or place and estimated arrival date for each destination of the voyage. Any vessel submitting a consolidated notice under this section must still meet the requirements of §160.208 of this part concerning requirements for charges to an NOA.

§160.208 Changes to a submitted NOA.

(a) Unless otherwise specified in this section, when submitted NOA information changes, vessels must submit a notice of change within the times required in §160.212.

(b) Changes in the following information need not be reported:

- (1) Changes in arrival or departure times that are less than six (6) hours;
- (2) Changes in vessel location or position of the vessel at the time of reporting (entry (2)(vi) to Table 160.206); and
- (3) Changes to crewmembers' position or duties on the vessel (entry (5)(v) to Table 160.206).

(c) When reporting changes, submit only the name of the vessel, original NOA submission date, the port of arrival, the specific items to be corrected, and the new location or position of the vessel at the time of reporting. Only changes to NOA information need to be submitted.

§160.210 Methods for submitting an NOA.

(a) *Submission to the National Vessel Movement Center (NVMC).* Except as provided in paragraphs (b) and (c) of this section, all vessels required to submit NOA information in §160.206 (entries 1-7 to Table 160.206) to the NVMC, United States Coast Guard, 408 Coast Guard Drive, Kearneysville, WV, 25430, shall do so by:

- (1) Telephone at 1-800-708-9823 or 304-264-2502;
- (2) Fax at 1-800-547-8724 or 304-264-2684; or
- (3) E-mail at SANS@NVMC.USCG.gov.

Note to paragraph (a): Information about the National Vessel Movement Center is available on its Web site at <http://www.nvmc.uscg.gov/>. You may submit the notice using any electronic format available on the NVMC website.

(b) *Saint Lawrence Seaway transits.* Those vessels transiting the Saint Lawrence Seaway inbound, bound for a port or place in the United States, may meet the submission requirements of paragraph (a) of this section by submitting the required information to the Saint Lawrence Seaway Development Corporation and the Saint Lawrence Seaway Management Corporation of Canada by fax at 315-764-3235 or at 315-764-3200. The Cargo Declaration (Customs Form 1302) in entry (8) in Table 160.206 must be submitted electronically to the USCS, as required by paragraph (d) of this section.

(c) *Seventh Coast Guard District.* Those vessels 300 or less gross tons operating in the Seventh Coast Guard District must submit an NOA to the cognizant Captain of the Port (COTP). The Cargo Declaration (Customs Form 1302) in entry (8) in Table 160.206 must be submitted electronically to the USCS, as required by paragraph (d) of this section.

(d) *Submission to the United States Customs Service's Sea Automated Manifest System (AMS).*

- (1) Beginning July 1, 2003, the Cargo Declaration (Customs Form 1302) in entry (8) in Table 160.206 must be submitted electronically to the USCS Sea AMS by one

COAST PILOT 4 (Continued)

of the following methods:

- (i) By direct connection with USCS or by purchasing the proper software; or
 - (ii) Using a service provider or a Port Authority.
- (2) To become a participant in Sea AMS, submitters must provide a letter of intent to USCS prior to first submission.

§160.212 When to submit an NOA.

(a) *Submission of NOA.* (1) Except as set out in paragraph (a)(2) of this section, all vessels must submit NOAs within the times required in paragraph (a)(3) of this section.

(2) Towing vessels, when in control of a vessel carrying CDC and operating solely between ports or places in the continental United States, must submit an NOA before departure but at least 12 hours before entering the port or place of destination.

(3) Times for submitting NOAs are as follows:

If your voyage time is—	You must submit an NOA—
(i) 96 hours or more; or	Before departure but at least 96 hours before entering the port or place of destination; or
(ii) Less than 96 hours	Before departure but at least 24 hours before entering the port or place of destination.

(b) *Submission of changes to NOA.* (1) Except as set out in paragraph (b)(2) of this section, vessels must submit changes in NOA information within the times required in paragraph (b)(3) of this section.

(2) Towing vessels, when in control of a vessel carrying CDC and operating solely between ports or places in the continental United States, must submit changes to an NOA as soon as practicable but at least 6 hours before entering the port or place of destination.

(3) Times for submitting changes to NOAs are as follows:

If your remaining voyage time is—	Then you must submit changes to an NOA—
(i) 96 hours or more;	As soon as practicable but at least 24 hours before entering the port or place of destination;
(ii) Less than 96 hours but not less than 24 hours; or	As soon as practicable but at least 24 hours before entering the port or place of destination; or
(iii) Less than 24 hours	As soon as practicable but at least 12 hours before entering the port or place of destination.

(c) *Submission of the Cargo Declaration (Customs Forms 1302).* (1) Except as set out in paragraph (c)(2) of this section, all vessels must submit to USCS the Cargo Declaration

(Customs Form 1302) in entry (8) to Table 160.206, within the times required in paragraph (a)(3) of this section.

(2)(i) Except for vessels carrying containerized cargo or break bulk cargo, vessels carrying bulk cargo may submit the Cargo Declaration (Customs Form 1302). Entry (8) to Table 160.206) before departure but at least 24 hours before entering the U.S. port or place of destination.

(ii) Vessels carrying break bulk cargo operating under a USCS exemption granted under 19 CFR 4.7(b)(4)(ii) may, during the effective period of the USCS exemption submit the Cargo Declaration (Customs Form 1302), (Entry (8) to Table 160.206) before departure but at least 24 hours before entering the U.S. port or place of destination.

§160.214 Waivers.

The Captain of the Port may waive, within that Captain of the Port's designated zone, any of the requirements of this subpart for any vessel or class of vessels upon finding that the vessel, route area of operations, conditions of the voyage, or other circumstances are such that application of this subpart is unnecessary or impractical for purposes of safety, environmental protection, or national security.

§160.215 Notice of hazardous conditions.

Whenever there is a hazardous condition either aboard a vessel or caused by a vessel or its operation, the owner, agent, master, operator, or person in charge shall immediately notify the nearest Coast Guard Marine Safety Office or Group Office. (Compliance with this section does not relieve responsibility for the written report required by 46 CFR 4.05–10.)

(FR 2/28/03)

18/03

COAST PILOT 4 34 Ed 2002 Change No. 7

Page 206—Paragraph 161, lines 3 to 4; read:

In October 2002, the controlling depth through the dredged channel was 6.8 feet. The channel is well marked, but strangers should not attempt ...

(BPs 179420-21)

18/03

Page 234—Paragraph 62, lines 4 to 12; read:

provisions, marine supplies, pump-out station and wet and dry storage are available. A 7.5-tonlift and hull and engine repairs are available. Another marina is at **Belle Isle Garden** ...

(CL 183/03; CL 262/03; NOS 11534)

18/03

Page 292—Paragraph 71, line 4; read:

end of the jetty is awash. In June 2002, severe shoaling existed ...

(BPs 178137-48)

18/03

Page 329—Paragraph 114, line 8; read:

gasoline, diesel fuel, berthing, nautical supplies, water, ice, electricity, pump-out station and launching ramps. Depths of 2.0 to 4.5 feet ...

(CL 2286/02)

18/03

COAST PILOT 4 (Continued)

Page 329—Paragraph 120, line 6; read: made. At **Mile 314.5**, a marina has berths, electricity, gasoline, diesel fuel, water, ice, pump-out station, marine supplies, and wet and dry storage. A 9-ton lift is available and hull, engine and electronic repairs can be made.

(CL 262/03) 18/03

Page 329—Paragraph 123; read:

From **Mile 323.3** to **Mile 324.0**, there are numerous small-craft facilities on both sides of the waterway. Berths, electricity, gasoline, diesel fuel, water, ice, marine supplies, ramps and wet and dry storage are available. A 7.5-ton lift and hull and motor repairs are available.

(CL 1302/99) 18/03

Page 330—Paragraph 128, lines 14 to 17; read:

117.59 and **117.821(b)(6)**, chapter 2, for regulations.) An overhead power cable just east of the bridge has a clearance of 85 feet.

(NOS 11534; CL 1906/02) 18/03

Page 330—Paragraph 131, line 5 to Paragraph 132; read:

about 5 feet. A marina at **Mile 345.0**, on the north side of the waterway, has berths, electricity, gasoline, diesel fuel, water, ice, pump-out station, nautical supplies, and wet and dry storage. A 20-ton lift is available.

A marina on the north side of the waterway at **Mile 346.3** has gasoline, water, ice, and dry storage. A 60-ton lift and hull, engine and electronic repairs are available. A yacht basin is off the south side of the waterway at **Mile 347.0**; depths of 4 feet were reported in the approach and alongside the berths in 2002. Electricity, gasoline, diesel fuel, water, ice, pump-out station, wet storage, a launching ramp and marine supplies are available. A 35-ton mobile hoist is available and hull and engine repairs can be made.

(NOS 11534; CL 262/03) 18/03

Page 330—Paragraph 148, lines 3 to 5; read:

gasoline, diesel fuel, water, ice, marine supplies, launching ramp, pump-out station, and wet and dry storage available. A depth of 15 feet was reported alongside the berths. At **Mile 394.4**, a marina on the east side of the waterway has berths, electricity, ice and pump-out station available.

(CL 262/03) 18/03

COAST PILOT 4 34 Ed 2002 Change No. 8

Page 211—Paragraph 257, lines 5 to 6; read:

both sides. Depths in the channel, in June 2002, were reported to be 4.5 feet or more for 3 miles above the light. A marina on the west shore of Clubfoot Creek, at the entrance to Mitchell Creek, has berths, electricity, gasoline, diesel fuel, pump-out station, water, and ice.

(CL 820/02; DB 225) 18/03

Page 327—Paragraph 87, line 4; read:

long which connects with the head of **Core Creek**. A

marina, through a canal on the west side of the waterway, at **Mile 194.2**, has berths, electricity, gasoline, diesel fuel, water, ice, pump-out station, marine supplies, launching ramp and wet storage. In 2003, 6 feet was reported in the approach and alongside. State Route ...

(CL 185/03) 18/03

Page 327—Paragraph 87, lines 7 to 11; read:

just below the bridge have a least clearance of 85 feet. A boatyard south of the bridge on the east side of the waterway at **Mile 196.1**, has berths, electricity and dry storage. A 70-ton lift is available and hull, engine and electronic repairs can be made. A small-craft facility on the east side of the waterway at **Mile 197.3**, has berths, electricity, gasoline, diesel fuel, water, ice, launching ramp, pump-out station, marine supplies, and wet and dry storage. A 220-ton lift and a marine railway that can handle craft to 120 feet are available; hull, engine and electronic repairs can be made.

(CL 211/02; CL 185/03) 18/03

Page 328—Paragraph 95, lines 5 to 7; read:

with electricity, gasoline, diesel fuel, water, ice, wet and dry storage, and marine supplies. Lifts to 60 tons are available; hull, engine and electronic repairs can be made.

(CL 2280/02; CL 76/03; CL 184/03) 18/03

Page 328—Paragraph 96, lines 3 to 7; read:

a marina with 8 feet of water reported in 2002 alongside the piers. Berthage with electricity, gasoline, diesel fuel, water, ice, and wet storage are available. In 2000, 6 feet was reported in the marked entrance channel. A 60-ton mobile lift is available for hull, engine and electronic repairs.

(CL 2285/02; NOS 11541) 18/03

Page 328—Paragraph 101, lines 2 to 4; read:

is a marina with berths, electricity, gasoline, diesel fuel, launching ramp, water, ice, and wet and dry storage available. A 40-ton lift is available for hull and engine ...

(CL 2307/02) 18/03

COAST PILOT 4 34 Ed 2002 Change No. 9

Page 111—Paragraph 2369, line 2; read:

Channel.

§165.759 Security Zones; Ports of Jacksonville, Fernandina, and Canaveral, Florida.

(a) *Regulated area.* Moving security zones are established 100 yards around all tank vessels, cruise ships, and military pre-positioned ships during transits entering or departing the ports of Jacksonville, Fernandina, and Canaveral, Florida. These moving security zones are activated when the subject vessels pass the St. Johns River Sea Buoy, at approximate position 30°23'35"N., 81°19'08"W., when entering the port of Jacksonville, or pass Port Canaveral Channel Entrance Buoys #3 or #4, at respective approximate positions 28°22.7'N., 80°31.8'W., and 28°23.7'N., 80°29.2'W., when entering Port Canaveral. Fixed security zones are established 100 yards around all tank vessels,

COAST PILOT 4 (Continued)

cruise ships, and military pre-positioned ships docked in the Ports of Jacksonville, Fernandina, and Canaveral, Florida.

(b) *Regulations.* 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, or a Coast Guard commissioned, warrant, or petty officer designated by him. The Captain of the Port will notify the public of any changes in the status of this zone by Marine Safety Radio Broadcast on VHF Marine Band Radio, Channel 22 (157.1 MHz).

(c) *Definition.* As used in this section: cruise ship means a passenger vessel, except for a ferry, greater than 100 feet in length that is authorized to carry more than 12 passengers for hire.

(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.

§165.761 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., 80°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 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 contacted 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., 080°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 corner 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 positions 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 those 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

COAST PILOT 4 (Continued)

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.

(CL 314/03; FR 01/23/03)

18/03

COAST PILOT 4 34 Ed 2002 Change No. 10

Page 138—Paragraphs 3241 to 3249; read:

(f) *Duration.* A permit remains valid for the period specified on it unless it is revoked, suspended, or modified pursuant to subpart D of 15 CFR part 904 or, in the case of a vessel or dealer permit, the vessel or dealership is sold.

(g) *Transfer—(1) Vessel permits, licenses, and endorsements and dealer permits.* A vessel permit, license, or endorsement or a dealer permit issued under this section is not transferable or assignable, except as provided in paragraph (m) of this section for a commercial vessel permit for Gulf reef fish, in paragraph (n) of this section for a fish trap endorsement, in paragraph (o) of this section for a Gulf king mackerel gillnet endorsement, in paragraph (p) of this section for a red snapper license, in paragraph (q) of this section for a king mackerel permit, in paragraph (r) of this section for a charter vessel/headboat permit for Gulf coastal migratory pelagic fish or Gulf reef fish, in §622.17(c) for a commercial vessel permit for golden crab, in §622.18(e) for a commercial vessel permit for South Atlantic snapper-grouper, or in §622.19(e) for a commercial vessel permit for South Atlantic rock shrimp. A person who acquires a vessel or dealership who desires to conduct activities for which a permit, license, or endorsement is required must apply for a permit, license, or endorsement in accordance with the provisions of this section. If the acquired vessel or dealership is currently permitted, the application must be accompanied by the original permit and a copy of a signed bill of sale or equivalent acquisition papers.

(2) *Operator permits.* An operator permit is not transferable.

(h) *Renewal—(1) Vessel permits, licenses, and endorsements and dealer permits.* Although a vessel permit, license,

or endorsement or a dealer permit required by this section is issued on an annual basis, an application for its renewal is required only every 2 years. In the interim years, renewal is automatic (without application) for a vessel owner or a dealer who has met the specific requirements for the requested permit, license, or endorsement; who has submitted all reports required under the Magnuson-Stevens Act; and who is not subject to a sanction or denial under paragraph (j) of this section. An owner or dealer whose permit, license, or endorsement is expiring will be mailed a notification by the RA approximately 2 months prior to its expiration. That notification will advise the status of the renewal. That is, the notification will advise that the renewal will be issued without further action by the owner or dealer (automatic renewal); that the permit, license, or endorsement is ineligible for automatic renewal; or that a new application is required.

(i) *If eligible for automatic renewal.* If the RA's notification indicates that the owner's or dealer's permit, license, or endorsement is eligible for automatic renewal, the RA will mail the automatically renewed permit, license, or endorsement approximately 1 month prior to expiration of the old permit, license, or endorsement.

(ii) *If ineligible for automatic renewal.* If the RA's notification indicates that the owner's or dealer's permit, license, or endorsement is ineligible for automatic renewal, the notification will specify the reasons and will provide an opportunity for correction of any deficiencies. If the owner or dealer does not correct such deficiencies within 60 days after the date of the RA's notification, the renewal will be considered abandoned. A permit, license, or endorsement that is not renewed with the applicable deadline will not be reissued.

(iii) *If new application is required.* If the RA's notification indicates that a new application is required, the notification will include a preprinted renewal application. If the RA receives an incomplete application, the RA will notify the applicant of the deficiency. If the applicant fails to correct the deficiency within 30 days of the date of the RA's letter of notification, the application will be considered abandoned. A permit, license, or endorsement that is not renewed within the applicable deadline will not be reissued.

(iv) *If notification is not received.* A vessel owner or dealer must contact the RA if he/she does not receive a notification from the RA regarding status of renewal of a permit, license, or endorsement by 45 days prior to expiration of the current permit.

(2) *Operator permits.* An operator permit required by this section is issued for a period not longer than 3 years. A permit not renewed immediately upon its expiration would expire at the end of the operator's birth month that is between 2 and 3 years after issuance. For renewal, a new application must be submitted in accordance with paragraph (b)(4) of this section.

(i) *Display.* A vessel permit, license, or endorsement issued under this section must be carried on board the vessel. A dealer permit issued under this section, or a copy thereof, must be available on the dealer's premises. In addition, a

COAST PILOT 4 (Continued)

copy of the dealer's permit must accompany each vehicle that is used to pick up from a fishing vessel reef fish harvested from the Gulf EEZ. The operator of a vessel must present the vessel permit, license, or endorsement for inspection upon the request of an authorized officer. A dealer or a vehicle operator must present the permit or a copy for inspection upon the request of an authorized officer. An operator of a vessel in the South Atlantic rock shrimp fishery must present his/her operator permit and one other form of personal identification that includes a picture (driver's license, passport, etc.) for inspection upon the request of an authorized officer.

(i) *Sanctions and denials.* (1) A permit, license, or endorsement issued pursuant to this section may be revoked, suspended, or modified, and a permit, license, or endorsement application may be denied, in accordance with the procedures governing enforcement-related permit sanctions and denials found at subpart D of 15 CFR part 904.

(2) A person whose operator permit is suspended, revoked, or modified may not be aboard any fishing vessel subject to Federal fishing regulations in any capacity, if so sanctioned by NOAA, while the vessel is at sea or offloading. The vessel's owner and operator are responsible for compliance with this measure. A list of operators whose permits are revoked or suspended may be obtained from the RA.

(FR 1/16/03)

18/03

COAST PILOT 4 34 Ed 2002 Change No. 11

Page 136—Paragraph 3197; read:

(viii) *South Atlantic rock shrimp.* (A) For a person aboard a vessel to fish for rock shrimp in the South Atlantic EEZ or possess rock shrimp in or from the South Atlantic EEZ, a commercial vessel permit for rock shrimp must be issued to the vessel and must be on board. (See paragraph (a)(5) of this section for the requirements for operator permits for the South Atlantic rock shrimp fishery.)

(B) In addition, effective July 15, 2003, for a person aboard a vessel to fish for rock shrimp in the South Atlantic EEZ off Georgia or off Florida or possess rock shrimp in or from the South Atlantic EEZ off Georgia or off Florida, a limited access endorsement for South Atlantic rock shrimp must be issued to the vessel and must be on board. See §622.19 for limitations on the issuance, transfer, renewal, and reissuance of a limited access endorsement for South Atlantic rock shrimp.

(FR 1/16/03)

18/03

Page 137—Paragraph 3207, line 9; read:

and must have a physical facility at a fixed location in such state(s).

(5) *Operator permits.* (i) Effective May 16, 2003, for a person to be an operator of a vessel fishing for rock shrimp in the South Atlantic EEZ or possessing rock shrimp in or from the South Atlantic EEZ, or to be an operator of a vessel that has a valid permit for South Atlantic rock shrimp issued under this section, such person must have and carry on board a valid operator permit and one other form of personal identification that includes a picture (driver's license, passport,

etc.).

(ii) An owner of a vessel that fishes for rock shrimp in the South Atlantic EEZ or possess rock shrimp in or from the South Atlantic EEZ, and an owner of a vessel that has a valid permit for rock shrimp issued under this section, must ensure that at least one person with a valid operator permit for the South Atlantic rock shrimp fishery is aboard while the vessel is at sea or offloading.

(FR 1/16/03)

18/03

Page 137—Paragraph 3236, line 5 to Paragraph 3237; read: color code).

(4) *Operator permits.* An applicant for an operator permit must provide the following:

(i) Name, address, telephone number, and other identifying information specified on the application.

(ii) Two recent (no more than 1-yr old), color, passport-size photographs.

(iii) Any other information that may be necessary for the issuance or administration of the permit, as specified on the application form.

(c) *Change in application information.* The owner or operator of a vessel with a permit, a person with a coral permit, a person with an operator permit, or a dealer with a permit must notify the RA within 30 days after any change in the application information specified in paragraph (b) of this section. The permit is void if any change in the information is not reported within 30 days.

(FR 1/16/03)

18/03

Page 138—Paragraph 3251; read:

(1) *Replacement.* A replacement permit, license, or endorsement may be issued. An application for a replacement permit, license, or endorsement is not considered a new application. An application for a replacement operator permit must include two new photographs, as specified in paragraph (b)(4)(ii) of this section.

(FR 1/16/03)

18/03

Page 144—Paragraphs 3379 to 3380; read:

(b) Falsify information on an application for a permit, license, or endorsement or submitted in support of such application, as specified in §622.4(b), (g), (p), (q), or (r) in §§622.18 or 622.19.

(c) Fail to display a permit, license, or endorsement, or other required identification, as specified in §622.4(i).

(FR 1/16/03)

18/03

Page 145—Paragraph 3408; read:

(z) Fish for or possess golden crab in or from a fishing zone or sub-zone of the South Atlantic EEZ other than the zone or sub-zone for which the vessel is permitted or authorized, as specified in §622.17(b).

(aa) Falsify information submitted regarding an application for testing a BRD, testing of a BRD, or the results of such testing, as specified in §622.41(g)(3)(1) or (h)(3).

(bb) Make a false statement, oral or written, to an authorized officer regarding the installation, use, operation, or maintenance of a vessel monitoring system (VMS) unit or

COAST PILOT 4 (Continued)

communication service provider.

(cc) Operator or own a vessel that is required to have a permitted operate aboard when the vessel is at sea or offloading without such operator aboard, as specified in §622.4(a)(5)(i) and (ii).

(dd) When a vessel that is subject to Federal fishing regulations is at sea or offloading, own or operate such vessel with a person aboard whose operator permit is revoked, suspended, or modified.

(ee) Fail to comply with any provision related to a vessel monitoring system as specified in §622.9, including but not limited to, requirements for use, installation, activation, access to data, procedures related to interruption of VMS operation, and prohibitions on interference with the VMS.

(FR 1/16/03; 50 CFR 622) 18/03

**COAST PILOT 5 30 Ed 2003 Change No. 10
LAST NM 14/03**

Page 81—Paragraph 1325; read:

The draw of the Pelican Island Causeway bridge across Galveston Channel, mile 4.5 of the Galveston Channel, (GIWW mile 356.1) at Galveston, Texas, shall open on signal; except that, from 6:40 a.m. to 8:10 a.m., 12 noon to 1 p.m., and 4:15 p.m. to 5:15 p.m. Monday through Friday except Federal holidays, the draw need not be opened for passage of vessels. Public vessels of the United States and vessels in distress shall be passed at any time.

(5/22/02; 33 CFR 117) 18/03

Page 342—Paragraph 47, lines 5 to 6; read:

with a radiotelephone and monitor VHF-FM channels 13, 14, 16, and 20 and use channel 14 as a working channel. The pilot office ...

(CL 419/03) 18/03

COAST PILOT 5 30 Ed 2003 Change No. 11

Page 6—Paragraph 144, line 7; read:

principal seaports. Light Lists are also available to view on the USCG Navigation Center internet site at www.navcen.uscg.gov/pubs/lightlists/lightlists.htm. Mariners should refer to these publications for detailed ...

(08/03 CG7) 18/03

Page 250—Paragraph 69, lines 6 to 8; read:

mile NE of Cat Point. In August 2002, the controlling depths were 2.2 feet in the entrance channel, thence 1.3 feet in the W arm of the channel paralleling the shore at Eastport and 1.6 ...

(BP 178910) 18/03

Page 257—Paragraph 212, lines 3 to 4; read:

bridge at Freeport. In August 2002, the controlling depth was 3.4 feet (7.5 feet at midchannel) in the channel with 6.4 to 12 feet in ...

(CL 2026/02; BPs 178862-67) 18/03

Page 272—Paragraph 153, lines 4 to 6; read:

Dauphin Island village. In August 2002, the controlling depth in the entrance channel was 3.6 feet (6.4 feet at mid-channel), thence 2.2 to 7.0 feet in the basin. The channel is marked with lights and ...

(BPs 178765-66) 18/03

COAST PILOT 5 30 Ed 2003 Change No. 12

Page 87—Paragraph 1587, line 5 to Page 91—Paragraph 1760; read:

to any penalties under 33 U.S.C. 1232.

Subpart C—Notification of Arrival, Hazardous Conditions, and Certain Dangerous Cargos

§160.201 General.

This subpart contains requirements and procedures for submitting Notices of Arrival (NOA) and Notice of Hazardous Condition. The sections in this subpart describe:

- (a) Applicability and exemptions from requirements in this subpart;
- (b) Required information in an NOA;
- (c) Required changes to an NOA;
- (d) Methods and times for submission of an NOA and changes to an NOA;
- (e) How to obtain a waiver; and
- (f) Requirements for submission of the Notice of Hazardous Conditions.

§160.202 Applicability.

(a) This subpart applies to U.S. and foreign vessels bound for or departing from ports or places in the United States.

(b) This subpart does not apply to recreational vessels under 46 U.S.C. 4301 *et seq.*

(c) Unless otherwise specified in this subpart, the owner, agent, master, operator, or person in charge of a vessel regulated by this subpart is responsible for compliance with the requirements in this subpart.

(d) Towing vessels controlling a barge or barges required to submit an NOA under this subpart must submit only one NOA containing the information required for the towing vessel and each barge under its control.

§160.203 Exemptions.

(a) Except for reporting notice of hazardous conditions, the following vessels are exempt from requirements in this subpart:

(1) Passenger and supply vessels when they are employed in the exploration for or in the removal of oil, gas, or mineral resources on the continental shelf.

(2) Oil Spill Recovery Vessels (OSRVs) when engaged in actual spill response operations or during spill response exercises.

(3) Vessels operating upon the following waters:

(i) Mississippi River between its sources and mile 235, Above Head of Passes;

(ii) Tributaries emptying into the Mississippi River above mile 235;

(iii) Atchafalaya River above its junction with the Plaquemine-Morgan City alternate waterway and the

COAST PILOT 5 (Continued)

Red River; and

(iv) The Tennessee River from its confluence with the Ohio River to mile zero on the Mobile River and all other tributaries between those two points.

(b) If not carrying certain dangerous cargo or controlling another vessel carrying certain dangerous cargo, the following vessels are exempt from NOA requirements in this subpart:

(1) Vessels 300 gross tons or less, except for vessels entering any port or place in the Seventh Coast Guard District as described in 33 CFR 3.35–1(b).

(2) Vessels operating exclusively within a Captain of the Port Zone.

(3) Vessels arriving at a port or place under force majeure.

(4) Towing vessels and barges operating solely between ports or places in the continental United States.

(5) Public vessels.

(6) Except for tank vessels, U.S. vessels operating solely between ports or places in the United States on the Great Lakes.

(c) Vessels less than 500 gross tons need not submit the International Safety Management (ISM) Code Notice (Entry (7) to Table 160.206).

(d) Vessels operating solely between ports or places in the continental United States need not submit the Cargo Declaration (Customs Form 1302), (Entry (8) to Table 160.206).

(e) This section does not exempt any vessel from compliance with the U.S. Customs Service (USCS) reporting or submission requirements.

§160.204 Definitions.

As used in this subpart:

Agent means any person, partnership, firm, company or corporation engaged by the owner or charterer of a vessel to act in their behalf in matters concerning the vessel.

Barge means a non-self propelled vessel engaged in commerce.

Carried in bulk means a commodity that is loaded or carried on board a vessel without containers or labels and received and handled without mark or count.

Certain dangerous cargo (CDC) includes any of the following:

(1) Division 1.1 or 1.2 explosives as defined in 49 CFR 173.50.

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

(3) Division 2.3 “poisonous gas”, as listed in 49 CFR 172.101 that is also a “material poisonous by inhalation” as defined in 49 CFR 171.8, and that is in a quantity in excess of 1 metric ton per vessel.

(4) Division 5.1 oxidizing materials for which a permit is required under 49 CFR 176.415 or for which a permit is required as a condition of a Research and Special Programs Administration exemption.

(5) A liquid material that has a primary or subsidiary classification of Division 6.1 “poisonous material” as listed 49 CFR 172.101 that is also a “material poisonous

by inhalation,” as defined in 49 CFR 171.8 and that is in a bulk packaging, or that is in a quantity in excess of 20 metric tons per vessel when not in a bulk packaging.

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

(7) Bulk liquefied chlorine gas and Bulk liquefied gas cargo that is flammable and/or toxic and carried under 46 CFR 154.7.

(8) The following bulk liquids:

(i) Acetone cyanohydrin,

(ii) Allyl alcohol,

(iii) Chlorosulfonic acid,

(iv) Crotonaldehyde,

(v) Ethylene chlorohydrin,

(vi) Ethylene dibromide,

(vii) Methacrylonitrile, and

(viii) Oleum (fuming sulfuric acid).

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

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

Great Lakes means Lakes Superior, Michigan, Huron, Erie, and Ontario, their connecting and tributary waters, the Saint Lawrence River as far as Saint Regis, and adjacent port areas.

Gross tons means the tonnage determined by the tonnage authorities of a vessel’s flag state in accordance with the national tonnage rules in force before the entry into force of the International Convention on Tonnage Measurement of Ships, 1969 (“Convention”). For a vessel measured only under Annex I of the Convention, gross tons means that tonnage. For a vessel measured under both systems, the higher gross tonnage is the tonnage used for the purposes of the 300-gross-ton threshold.

Hazardous condition means any condition that may adversely affect the safety of any vessel, bridge, structure, or shore area or the environmental quality of any port, harbor, or navigable waterway of the United States. It may, but need not, involve collision, allision, fire, explosion, grounding, leaking, damage, injury or illness of a person aboard, or manning-shortage.

Nationality means the state (nation) in which a person is a citizen or to which a person owes permanent allegiance.

Operator means any person including, but not limited to, an owner, a charterer, or another contractor who conducts, or is responsible for, the operation of a vessel.

Persons in addition to crewmembers mean any person onboard the vessel, including passengers, who are not included on the list of crewmembers.

Port or place of departure means any port or place in which a vessel is anchored or moored.

Port or place of destination means any port or place in which a vessel is bound to anchor or moor.

Public vessel means a vessel that is owned or demise-

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(bareboat) chartered by the government of the United States, by a State or local government, or by the government of a foreign country and that is not engaged in commercial service.

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

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

§160.206 Information required in an NOA.

(a) Each NOA must contain all of the information items specified in Table 160.206

TABLE 160.206.—NOA INFORMATION ITEMS

Required information	Vessels not carrying CDC	Vessels	Towing vessels controlling vessels carrying CDC
<i>(1) Vessel Information:</i>			
(i) Name;	X	X	X
(ii) Name of the registered owner;	X	X	X
(iii) Country of registry;	X	X	X
(iv) Call sign;	X	X	X
(v) International Maritime Organization (IMO) international number or, if vessel does not have an assigned IMO international number, substitute with official number;	X	X	X
(vi) Name of the operator;	X	X	X
(vii) Name of the charterer; and	X	X	X
(viii) Name of classification society.	X	X	X
<i>(2) Voyage Information:</i>			
(i) Names of last five ports or places visited;	X	X	X
(ii) Dates of arrival and departure for last five ports or places visited;	X	X	X
(iii) For each port or place in the United States to be visited, list the names of the receiving facility, the port or place, the city, and the state;	X	X	X
(iv) For each port or place in the United States to be visited, the estimated date and time of arrival;	X	X	X
(v) For each port or place in the United States to be visited, the estimated date and time of departure;	X	X	X
(vi) The location (port or place and country) or position (latitude and longitude or waterway and mile marker) of the vessel at the time of reporting; and	X	X	X
(vii) The name and telephone number of a 24-hour point of contact.	X	X	X
<i>(3) Cargo Information:</i>			
(i) A general description of cargo, other than CDC, onboard the vessel (e.g.: grain, container, oil, etc);	X	X	X
(ii) Name of each certain dangerous cargo carried, including cargo UN number, if applicable; and		X	X
(iii) Amount of each certain dangerous cargo carried.		X	X
<i>(4) Information for each Crewmember Onboard:</i>			
(i) Full name;	X	X	X
(ii) Date of birth;	X	X	X
(iii) Nationality;	X	X	X
(iv) Passport or mariners document number (type of identification and number);	X	X	X
(v) Position or duties on the vessel; and	X	X	X
(vi) Where the crewmember embarked (list port or place and country).	X	X	X
<i>(5) Information for each Person Onboard in Addition to Crew:</i>			
(i) Full name;	X	X	X
(ii) Date of birth;	X	X	X
(iii) Nationality;	X	X	X
(iv) Passport number; and	X	X	X
(v) Where the person embarked (list port or place and country).	X	X	X
<i>(6) Operational condition of equipment required by §164.35 of this chapter.</i>	X	X	X

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(7) <i>International Safety Management (ISM) Code Notice:</i>			
(i) The date of issuance for the company's Document of Compliance certificate that covers the vessel;	x	x	x
(ii) The date of issuance for the vessel's Safety Management Certificate; and	x	x	x
(iii) The name of the Flag Administration, or the recognized organization(s) representing the vessel flag administration, that issued those certificates.	x	x	x
(8) <i>Cargo Declaration (Customs Form (1302) as described in 19 CFR 4.7.</i>	x	x	x

(b) Vessels operating solely between ports or places in the continental United States need submit only the name of and date of arrival and departure for the last port or places visited to meet the requirements in entries (2)(i) and (ii) to Table 160.206 of this section.

(c) You may submit a copy of INS Form I-418 to meet the requirements of entries (4) and (5) in Table 160.206.

(d) Any vessel planning to enter two or more consecutive ports or places in the United States during a single voyage may submit one consolidated Notification of Arrival at least 96 hours before entering the first port or place of destination. The consolidated notice must include the name of the port or place and estimated arrival date for each destination of the voyage. Any vessel submitting a consolidated notice under this section must still meet the requirements of §160.208 of this part concerning requirements for charges to an NOA.

§160.208 Changes to a submitted NOA.

(a) Unless otherwise specified in this section, when submitted NOA information changes, vessels must submit a notice of change within the times required in §160.212.

(b) Changes in the following information need not be reported:

(1) Changes in arrival or departure times that are less than six (6) hours;

(2) Changes in vessel location or position of the vessel at the time of reporting (entry (2)(vi) to Table 160.206); and

(3) Changes to crewmembers' position or duties on the vessel (entry (5)(v) to Table 160.206).

(c) When reporting changes, submit only the name of the vessel, original NOA submission date, the port of arrival, the specific items to be corrected, and the new location or position of the vessel at the time of reporting. Only changes to NOA information need to be submitted.

§160.210 Methods for submitting an NOA.

(a) *Submission to the National Vessel Movement Center (NVMC).* Except as provided in paragraphs (b) and (c) of this section, all vessels required to submit NOA information in §160.206 (entries 1-7 to Table 160.206) to the NVMC, United States Coast Guard, 408 Coast Guard Drive, Kearneysville, WV, 25430, shall do so by:

(1) Telephone at 1-800-708-9823 or 304-264-2502;

(2) Fax at 1-800-547-8724 or 304-264-2684; or

(3) E-mail at SANS@NVMC.USCG.gov.

Note to paragraph (a): Information about the National Vessel Movement Center is available on its Web site at <http://www.nvmc.uscg.gov/>. You may submit the notice using any electronic format available on the NVMC website.

(b) *Saint Lawrence Seaway transits.* Those vessels transiting the Saint Lawrence Seaway inbound, bound for a port

or place in the United States, may meet the submission requirements of paragraph (a) of this section by submitting the required information to the Saint Lawrence Seaway Development Corporation and the Saint Lawrence Seaway Management Corporation of Canada by fax at 315-764-3235 or at 315-764-3200. The Cargo Declaration (Customs Form 1302) in entry (8) in Table 160.206 must be submitted electronically to the USCS, as required by paragraph (d) of this section.

(c) *Seventh Coast Guard District.* Those vessels 300 or less gross tons operating in the Seventh Coast Guard District must submit an NOA to the cognizant Captain of the Port (COTP). The Cargo Declaration (Customs Form 1302) in entry (8) in Table 160.206 must be submitted electronically to the USCS, as required by paragraph (d) of this section.

(d) *Submission to the United States Customs Service's Sea Automated Manifest System (AMS).*

(1) Beginning July 1, 2003, the Cargo Declaration (Customs Form 1302) in entry (8) in Table 160.206 must be submitted electronically to the USCS Sea AMS by one of the following methods:

(i) By direct connection with USCS or by purchasing the proper software; or

(ii) Using a service provider or a Port Authority.

(2) To become a participant in Sea AMS, submitters must provide a letter of intent to USCS prior to first submission.

§160.212 When to submit an NOA.

(a) *Submission of NOA.* (1) Except as set out in paragraph (a)(2) of this section, all vessels must submit NOAs within the times required in paragraph (a)(3) of this section.

(2) Towing vessels, when in control of a vessel carrying CDC and operating solely between ports or places in the continental United States, must submit an NOA before departure but at least 12 hours before entering the port or place of destination.

(3) Times for submitting NOAs are as follows:

If your voyage time is—	You must submit an NOA—
(i) 96 hours or more; or	Before departure but at least 96 hours before entering the port or place of destination; or
(ii) Less than 96 hours	Before departure but at least 24 hours before entering the port or place of destination.

(b) *Submission of changes to NOA.* (1) Except as set out in paragraph (b)(2) of this section, vessels must submit

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changes in NOA information within the times required in paragraph (b)(3) of this section.

(2) Towing vessels, when in control of a vessel carrying CDC and operating solely between ports or places in the continental United States, must submit changes to an NOA as soon as practicable but at least 6 hours before entering the port or place of destination.

(3) Times for submitting changes to NOAs are as follows:

If your remaining voyage time is—	Then you must submit changes to an NOA—
(i) 96 hours or more;	As soon as practicable but at least 24 hours before entering the port or place of destination;
(ii) Less than 96 hours but not less than 24 hours; or	As soon as practicable but at least 24 hours before entering the port or place of destination; or
(iii) Less than 24 hours	As soon as practicable but at least 12 hours before entering the port or place of destination.

(c) *Submission of the Cargo Declaration (Customs Forms 1302)*. (1) Except as set out in paragraph (c)(2) of this section, all vessels must submit to USCS the Cargo Declaration (Customs Form 1302) in entry (8) to Table 160.206, within the times required in paragraph (a)(3) of this section.

(2)(i) Except for vessels carrying containerized cargo or break bulk cargo, vessels carrying bulk cargo may submit the Cargo Declaration (Customs Form 1302), Entry (8) to Table 160.206) before departure but at least 24 hours before entering the U.S. port or place of destination.

(ii) Vessels carrying break bulk cargo operating under a USCS exemption granted under 19 CFR 4.7(b)(4)(ii) may, during the effective period of the USCS exemption submit the Cargo Declaration (Customs Form 1302), (Entry (8) to Table 160.206) before departure but at least 24 hours before entering the U.S. port or place of destination.

§160.214 Waivers.

The Captain of the Port may waive, within that Captain of the Port's designated zone, any of the requirements of this subpart for any vessel or class of vessels upon finding that the vessel, route area of operations, conditions of the voyage, or other circumstances are such that application of this subpart is unnecessary or impractical for purposes of safety, environmental protection, or national security.

§160.215 Notice of hazardous conditions.

Whenever there is a hazardous condition either aboard a vessel or caused by a vessel or its operation, the owner, agent, master, operator, or person in charge shall immediately notify the nearest Coast Guard Marine Safety Office or Group Office. (Compliance with this section does not relieve responsibility for the written report required by 46 CFR

4.05–10.)
(FR 2/28/03)

18/03

COAST PILOT 5 30 Ed 2003 Change No. 13

Page 215—Paragraph 211, lines 11 to 12; read:
highway bridge at Naples. **Gordon Pass Light 1** (26°05' 29"N., 81°48'41"W.), marks the entrance. The channel is ...
(07/03 CG7; LL/02) 18/03

Page 283—Paragraph 329, lines 12 to 15; read:
30°19'55"N., 89°15'05"W. In March 2003, a replacement highway bridge with a bascule span was under construction with a design clearance of 29 feet about 2 miles above the mouth of the bayou. An overhead power cable crossing ...
(09/03 CG8; 34/99 CG8; CL 2132/02;
FR 11/15/02) 18/03

Page 358—Paragraph 337, line 4; read:
thence 5 to 6 feet to the Interstate Route 90 bridge on the Beaumont-Houston ...
(CL 94/03) 18/03

**COAST PILOT 6 32 Ed 2002 Change No. 25
LAST NM 6/03**

Page 4—Paragraph 52, line 7; read:
principal seaports. Light Lists are also available to view on the USCG Navigation Center internet site at www.navcen.uscg.gov/pubs/lightlists/lights.htm. Mariners should refer to these publications for detailed ...
(08/03 CG7) 18/03

Page 57—Paragraph 893, line 5 to Page 60—Paragraph 1067; read:
subject to any penalties under 33 U.S.C. 1232.

Subpart C—Notification of Arrival, Hazardous Conditions, and Certain Dangerous Cargos
§160.201 General.

This subpart contains requirements and procedures for submitting Notices of Arrival (NOA) and Notice of Hazardous Condition. The sections in this subpart describe:

- Applicability and exemptions from requirements in this subpart;
- Required information in an NOA;
- Required changes to an NOA;
- Methods and times for submission of an NOA and changes to an NOA;
- How to obtain a waiver; and
- Requirements for submission of the Notice of Hazardous Conditions.

§160.202 Applicability.

- This subpart applies to U.S. and foreign vessels bound for or departing from ports or places in the United States.
- This subpart does not apply to recreational vessels under 46 U.S.C. 4301 *et seq.*
- Unless otherwise specified in this subpart, the owner,

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agent, master, operator, or person in charge of a vessel regulated by this subpart is responsible for compliance with the requirements in this subpart.

(d) Towing vessels controlling a barge or barges required to submit an NOA under this subpart must submit only one NOA containing the information required for the towing vessel and each barge under its control.

§160.203 Exemptions.

(a) Except for reporting notice of hazardous conditions, the following vessels are exempt from requirements in this subpart:

(1) Passenger and supply vessels when they are employed in the exploration for or in the removal of oil, gas, or mineral resources on the continental shelf.

(2) Oil Spill Recovery Vessels (OSRVs) when engaged in actual spill response operations or during spill response exercises.

(3) Vessels operating upon the following waters:

(i) Mississippi River between its sources and mile 235, Above Head of Passes;

(ii) Tributaries emptying into the Mississippi River above mile 235;

(iii) Atchafalaya River above its junction with the Plaquemine-Morgan City alternate waterway and the Red River; and

(iv) The Tennessee River from its confluence with the Ohio River to mile zero on the Mobile River and all other tributaries between those two points.

(b) If not carrying certain dangerous cargo or controlling another vessel carrying certain dangerous cargo, the following vessels are exempt from NOA requirements in this subpart:

(1) Vessels 300 gross tons or less, except for vessels entering any port or place in the Seventh Coast Guard District as described in 33 CFR 3.35–1(b).

(2) Vessels operating exclusively within a Captain of the Port Zone.

(3) Vessels arriving at a port or place under force majeure.

(4) Towing vessels and barges operating solely between ports or places in the continental United States.

(5) Public vessels.

(6) Except for tank vessels, U.S. vessels operating solely between ports or places in the United States on the Great Lakes.

(c) Vessels less than 500 gross tons need not submit the International Safety Management (ISM) Code Notice (Entry (7) to Table 160.206).

(d) Vessels operating solely between ports or places in the continental United States need not submit the Cargo Declaration (Customs Form 1302), (Entry (8) to Table 160.206).

(e) This section does not exempt any vessel from compliance with the U.S. Customs Service (USCS) reporting or submission requirements.

§160.204 Definitions.

As used in this subpart:

Agent means any person, partnership, firm, company or corporation engaged by the owner or charterer of a vessel to

act in their behalf in matters concerning the vessel.

Barge means a non-self propelled vessel engaged in commerce.

Carried in bulk means a commodity that is loaded or carried on board a vessel without containers or labels and received and handled without mark or count.

Certain dangerous cargo (CDC) includes any of the following:

(1) Division 1.1 or 1.2 explosives as defined in 49 CFR 173.50.

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

(3) Division 2.3 “poisonous gas”, as listed in 49 CFR 172.101 that is also a “material poisonous by inhalation” as defined in 49 CFR 171.8, and that is in a quantity in excess of 1 metric ton per vessel.

(4) Division 5.1 oxidizing materials for which a permit is required under 49 CFR 176.415 or for which a permit is required as a condition of a Research and Special Programs Administration exemption.

(5) A liquid material that has a primary or subsidiary classification of Division 6.1 “poisonous material” as listed 49 CFR 172.101 that is also a “material poisonous by inhalation,” as defined in 49 CFR 171.8 and that is in a bulk packaging, or that is in a quantity in excess of 20 metric tons per vessel when not in a bulk packaging.

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

(7) Bulk liquefied chlorine gas and Bulk liquefied gas cargo that is flammable and/or toxic and carried under 46 CFR 154.7.

(8) The following bulk liquids:

(i) Acetone cyanohydrin,

(ii) Allyl alcohol,

(iii) Chlorosulfonic acid,

(iv) Crotonaldehyde,

(v) Ethylene chlorohydrin,

(vi) Ethylene dibromide,

(vii) Methacrylonitrile, and

(viii) Oleum (fuming sulfuric acid).

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

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

Great Lakes means Lakes Superior, Michigan, Huron, Erie, and Ontario, their connecting and tributary waters, the Saint Lawrence River as far as Saint Regis, and adjacent port areas.

Gross tons means the tonnage determined by the tonnage authorities of a vessel’s flag state in accordance with the national tonnage rules in force before the entry into force of the International Convention on Tonnage Measurement of

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Ships, 1969 (“Convention”). For a vessel measured only under Annex I of the Convention, gross tons means that tonnage. For a vessel measured under both systems, the higher gross tonnage is the tonnage used for the purposes of the 300-gross-ton threshold.

Hazardous condition means any condition that may adversely affect the safety of any vessel, bridge, structure, or shore area or the environmental quality of any port, harbor, or navigable waterway of the United States. It may, but need not, involve collision, allision, fire, explosion, grounding, leaking, damage, injury or illness of a person aboard, or manning-shortage.

Nationality means the state (nation) in which a person is a citizen or to which a person owes permanent allegiance.

Operator means any person including, but not limited to, an owner, a charterer, or another contractor who conducts, or is responsible for, the operation of a vessel.

Persons in addition to crewmembers mean any person onboard the vessel, including passengers, who are not included on the list of crewmembers.

Port or place of departure means any port or place in which a vessel is anchored or moored.

Port or place of destination means any port or place in which a vessel is bound to anchor or moor.

Public vessel means a vessel that is owned or demise- (bareboat) chartered by the government of the United States, by a State or local government, or by the government of a foreign country and that is not engaged in commercial service.

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

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

§160.206 Information required in an NOA.

(a) Each NOA must contain all of the information items specified in Table 160.206

TABLE 160.206.—NOA INFORMATION ITEMS

Required information	Vessels not carrying CDC	Vessels	Towing vessels controlling vessels carrying CDC
<i>(1) Vessel Information:</i>			
(i) Name;	X	X	X
(ii) Name of the registered owner;	X	X	X
(iii) Country of registry;	X	X	X
(iv) Call sign;	X	X	X
(v) International Maritime Organization (IMO) international number or, if vessel does not have an assigned IMO international number, substitute with official number;	X	X	X
(vi) Name of the operator;	X	X	X
(vii) Name of the charterer; and	X	X	X
(viii) Name of classification society.	X	X	X
<i>(2) Voyage Information:</i>			
(i) Names of last five ports or places visited;	X	X	X
(ii) Dates of arrival and departure for last five ports or places visited;	X	X	X
(iii) For each port or place in the United States to be visited, list the names of the receiving facility, the port or place, the city, and the state;	X	X	X
(iv) For each port or place in the United States to be visited, the estimated date and time of arrival;	X	X	X
(v) For each port or place in the United States to be visited, the estimated date and time of departure;	X	X	X
(vi) The location (port or place and country) or position (latitude and longitude or waterway and mile marker) of the vessel at the time of reporting; and	X	X	X
(vii) The name and telephone number of a 24-hour point of contact.	X	X	X
<i>(3) Cargo Information:</i>			
(i) A general description of cargo, other than CDC, onboard the vessel (e.g.: grain, container, oil, etc);	X	X	X
(ii) Name of each certain dangerous cargo carried, including cargo UN number, if applicable; and		X	X
(iii) Amount of each certain dangerous cargo carried.		X	X

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(4) <i>Information for each Crewmember Onboard:</i>			
(i) Full name;	X	X	X
(ii) Date of birth;	X	X	X
(iii) Nationality;	X	X	X
(iv) Passport or mariners document number (type of identification and number);	X	X	X
(v) Position or duties on the vessel; and	X	X	X
(vi) Where the crewmember embarked (list port or place and country).	X	X	X
(5) <i>Information for each Person Onboard in Addition to Crew:</i>			
(i) Full name;	X	X	X
(ii) Date of birth;	X	X	X
(iii) Nationality;	X	X	X
(iv) Passport number; and	X	X	X
(v) Where the person embarked (list port or place and country).	X	X	X
(6) <i>Operational condition of equipment required by §164.35 of this chapter.</i>	X	X	X
(7) <i>International Safety Management (ISM) Code Notice:</i>			
(i) The date of issuance for the company's Document of Compliance certificate that covers the vessel;	X	X	X
(ii) The date of issuance for the vessel's Safety Management Certificate; and	X	X	X
(iii) The name of the Flag Administration, or the recognized organization(s) representing the vessel flag administration, that issued those certificates.	X	X	X
(8) <i>Cargo Declaration (Customs Form (1302) as described in 19 CFR 4.7.</i>	X	X	X

(b) Vessels operating solely between ports or places in the continental United States need submit only the name of and date of arrival and departure for the last port or places visited to meet the requirements in entries (2)(i) and (ii) to Table 160.206 of this section.

(c) You may submit a copy of INS Form I-418 to meet the requirements of entries (4) and (5) in Table 160.206.

(d) Any vessel planning to enter two or more consecutive ports or places in the United States during a single voyage may submit one consolidated Notification of Arrival at least 96 hours before entering the first port or place of destination. The consolidated notice must include the name of the port or place and estimated arrival date for each destination of the voyage. Any vessel submitting a consolidated notice under this section must still meet the requirements of §160.208 of this part concerning requirements for charges to an NOA.

§160.208 Changes to a submitted NOA.

(a) Unless otherwise specified in this section, when submitted NOA information changes, vessels must submit a notice of change within the times required in §160.212.

(b) Changes in the following information need not be reported:

(1) Changes in arrival or departure times that are less than six (6) hours;

(2) Changes in vessel location or position of the vessel at the time of reporting (entry (2)(vi) to Table 160.206); and

(3) Changes to crewmembers' position or duties on the vessel (entry (5)(v) to Table 160.206).

(c) When reporting changes, submit only the name of the vessel, original NOA submission date, the port of arrival, the specific items to be corrected, and the new location or position of the vessel at the time of reporting. Only changes to NOA information need to be submitted.

§160.210 Methods for submitting an NOA.

(a) *Submission to the National Vessel Movement Center (NVMC).* Except as provided in paragraphs (b) and (c) of this section, all vessels required to submit NOA information in §160.206 (entries 1-7 to Table 160.206) to the NVMC, United States Coast Guard, 408 Coast Guard Drive, Kearneysville, WV, 25430, shall do so by:

(1) Telephone at 1-800-708-9823 or 304-264-2502;

(2) Fax at 1-800-547-8724 or 304-264-2684; or

(3) E-mail at SANS@NVMC.USCG.gov.

Note to paragraph (a): Information about the National Vessel Movement Center is available on its Web site at <http://www.nvmc.uscg.gov/>. You may submit the notice using any electronic format available on the NVMC website.

(b) *Saint Lawrence Seaway transits.* Those vessels transiting the Saint Lawrence Seaway inbound, bound for a port or place in the United States, may meet the submission requirements of paragraph (a) of this section by submitting the required information to the Saint Lawrence Seaway Development Corporation and the Saint Lawrence Seaway Management Corporation of Canada by fax at 315-764-3235 or at 315-764-3200. The Cargo Declaration (Customs Form 1302) in entry (8) in Table 160.206 must be submitted electronically to the USCS, as required by paragraph (d) of this section.

(c) *Seventh Coast Guard District.* Those vessels 300 or less gross tons operating in the Seventh Coast Guard District must submit an NOA to the cognizant Captain of the Port (COTP). The Cargo Declaration (Customs Form 1302) in entry (8) in Table 160.206 must be submitted electronically to the USCS, as required by paragraph (d) of this section.

(d) *Submission to the United States Customs Service's Sea Automated Manifest System (AMS).*

(1) Beginning July 1, 2003, the Cargo Declaration (Customs Form 1302) in entry (8) in Table 160.206 must be submitted electronically to the USCS Sea AMS by one

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of the following methods:

- (i) By direct connection with USCS or by purchasing the proper software; or
 - (ii) Using a service provider or a Port Authority.
- (2) To become a participant in Sea AMS, submitters must provide a letter of intent to USCS prior to first submission.

§160.212 When to submit an NOA.

(a) *Submission of NOA.* (1) Except as set out in paragraph (a)(2) of this section, all vessels must submit NOAs within the times required in paragraph (a)(3) of this section.

(2) Towing vessels, when in control of a vessel carrying CDC and operating solely between ports or places in the continental United States, must submit an NOA before departure but at least 12 hours before entering the port or place of destination.

(3) Times for submitting NOAs are as follows:

If your voyage time is—	You must submit an NOA—
(i) 96 hours or more; or	Before departure but at least 96 hours before entering the port or place of destination; or
(ii) Less than 96 hours	Before departure but at least 24 hours before entering the port or place of destination.

(b) *Submission of changes to NOA.* (1) Except as set out in paragraph (b)(2) of this section, vessels must submit changes in NOA information within the times required in paragraph (b)(3) of this section.

(2) Towing vessels, when in control of a vessel carrying CDC and operating solely between ports or places in the continental United States, must submit changes to an NOA as soon as practicable but at least 6 hours before entering the port or place of destination.

(3) Times for submitting changes to NOAs are as follows:

If your remaining voyage time is—	Then you must submit changes to an NOA—
(i) 96 hours or more;	As soon as practicable but at least 24 hours before entering the port or place of destination;
(ii) Less than 96 hours but not less than 24 hours; or	As soon as practicable but at least 24 hours before entering the port or place of destination; or
(iii) Less than 24 hours	As soon as practicable but at least 12 hours before entering the port or place of destination.

(c) *Submission of the Cargo Declaration (Customs Forms 1302).* (1) Except as set out in paragraph (c)(2) of this section, all vessels must submit to USCS the Cargo Declaration

(Customs Form 1302) in entry (8) to Table 160.206, within the times required in paragraph (a)(3) of this section.

(2)(i) Except for vessels carrying containerized cargo or break bulk cargo, vessels carrying bulk cargo may submit the Cargo Declaration (Customs Form 1302). Entry (8) to Table 160.206) before departure but at least 24 hours before entering the U.S. port or place of destination.

(ii) Vessels carrying break bulk cargo operating under a USCS exemption granted under 19 CFR 4.7(b)(4)(ii) may, during the effective period of the USCS exemption submit the Cargo Declaration (Customs Form 1302), (Entry (8) to Table 160.206) before departure but at least 24 hours before entering the U.S. port or place of destination.

§160.214 Waivers.

The Captain of the Port may waive, within that Captain of the Port's designated zone, any of the requirements of this subpart for any vessel or class of vessels upon finding that the vessel, route area of operations, conditions of the voyage, or other circumstances are such that application of this subpart is unnecessary or impractical for purposes of safety, environmental protection, or national security.

§160.215 Notice of hazardous conditions.

Whenever there is a hazardous condition either aboard a vessel or caused by a vessel or its operation, the owner, agent, master, operator, or person in charge shall immediately notify the nearest Coast Guard Marine Safety Office or Group Office. (Compliance with this section does not relieve responsibility for the written report required by 46 CFR 4.05–10.)

(FR 2/28/03)

18/03

**COAST PILOT 7 34 Ed 2002 Change No. 5
LAST NM 10/03**

Page 138—Paragraphs 3395 to 3408; strike out.

(FR 5/30/02)

18/03

Page 164—Paragraph 4218; insert after:

§334.1215 Port Gardner, Everett Naval Base, Naval Restricted Area, Everett, Washington.

(a) *The area.* The waters of Port Gardner and East Waterway surrounding Naval Station Everett beginning at Point 1, a point near the northwest corner of Naval Station Everett at 47°59'40"N., 122°13'23.5"W.; thence to 47°59'40"N., 122°13'30"W. (Point 2); thence to 47°59'20"N., 122°13'33"W. (Point 3); thence to 47°59'13"N., 122°13'38"W. (Point 4); thence to 47°59'05.5"N., 122°13'48.5"W. (Point 5); thence to 47°58'51"N., 122°14'04"W. (Point 6); thence to 47°58'45.5"N., 122°13'53"W. (Point 7); thence to 47°58'45.5"N., 122°13'44"W. (Point 8); thence to 47°58'48"N., 122°13'40"W. (Point 9); thence to 47°58'59"N., 122°13'30"W. (Point 10); thence to 47°59'14"N., 122°13'18"W. (Point 11); thence to 47°59'13"N., 122°13'12"W. (Point 12); thence to 47°59'20"N., 122°13'08"W. (Point 13); thence to 47°59'20"N., 122°13'02.5"W. (Point 14), a point upon the Naval Station's shore in the northeast corner of East Water-

COAST PILOT 7 (Continued)

way.

(b) *The regulation.* (1) All persons and vessels are prohibited from entering the waters within the restricted area for any reason without prior written permission from the Commanding Officer of the Naval Station Everett.

(2) Mooring, anchoring, fishing and/or recreational boating shall not be allowed within the restricted area without prior written permission from the Commanding Officer, Naval Station Everett.

(c) *Enforcement.* The regulation in this section, promulgated by the United States Army Corps of Engineers, shall be enforced by the Commanding Officer, Naval Station Everett and such agencies and persons as he/she shall designate.

(FR 5/24/02)

18/03

COAST PILOT 7 34 Ed 2002 Change No. 6

Page 6—Paragraph 144, line 7; read:

principal seaports. Light Lists are also available to view on the USCG Navigation Center internet site at www.navcen.uscg.gov/pubs/lightlists/lightlists.htm. Mariners should refer to these publications for detailed ...

(08/03 CG7)

18/03

Page 129—Paragraph 3059, line 5; read:

(b)(1).

§165.1108 Security Zones; Cruise Ships, Port of San Diego, California.

(a) *Definition.* “Cruise Ship” as used in this section means a passenger vessel, except for a ferry, 100 gross tons or more, authorized to carry more than 12 passengers for hire; capable of making international voyages lasting more than 24 hours, any part of which is on the high seas; and for which passengers are embarked, disembarked or at a port of call in the San Diego port.

(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 within the San Diego port area inside the sea buoys bounding the port of San Diego.

(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 at any berth within the San Diego port area inside the sea buoys bounding the Port of San Diego; and

(3) All waters, extending from the surface to the sea floor, within a 100 yard radius around any cruise ship that is underway on the waters inside the sea buoys bounding the Port of San Diego.

(c) *Regulations.* (1) In accordance with the general regulation in §165.33 of the part, entry into or remaining in these zones is prohibited unless authorized by the Coast Guard Captain of the Port, San Diego or his designated representative.

(2) Persons desiring to transit the area of the security zones may contact the Captain of the Port at telephone

number (619) 683-6495 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.

(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 zones by the San Diego Harbor Police.

(FR 1/8/03)

18/03

Page 131—Paragraph 3122, line 3; read:

Anchorage G and the Middle Breakwater.

§165.1155 Security Zone; Diablo Canyon Nuclear Power Plant, Avila Beach, California.

(a) *Location.* The following area is a security zone: all waters of the Pacific Ocean, from surface to bottom, within a 2,000 yard radius of Diablo Canyon Nuclear Power Plant centered at position 35°12'23"N., 120°51'23"W. [Datum: NAD 83].

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

(2) Persons desiring to transit the area of the security zone may contact the Captain of the Port at telephone number 1-800-221-8724 or on VHF-FM channel 16 (156.8 MHz). 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.

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

(FR 12/18/02)

18/03

Page 134—Paragraph 3280, line 6; read:

representative.

§165.1183 Security Zones; Cruise Ships and Tank Vessels, San Francisco Bay and Delta ports, 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 in the San Francisco Bay and Delta ports.

(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 and tank ship that is anchored at a designated anchorage within the San Francisco Bay and Delta port areas shoreward of the line drawn between San Francisco Main Ship Channel buoys 7 and 8 (LLNR 4190 & 4195, positions 37°46.9'N., 122°35.4'W and 37°46.5'N., 122°35.2'W., respectively);

(2) The shore area and all waters, extending from the surface to the sea floor, within a 100-yard radius around any cruise ship and tank ship that is moored, or in the pro-

COAST PILOT 7 (Continued)

cess of mooring, at any berth within the San Francisco Bay and Delta port areas shoreward of the line drawn between San Francisco Main Ship Channel buoys 7 and 8 (LLNR 4190 & 4195, positions 37°46.9'N., 122°35.4'W. and 37°46.5'N., 122°35.2'W., respectively).

(3) All waters, extending from the surface to the sea floor within a 100-yard radius around any cruise ship and/or tank ship that is underway shoreward of the line drawn between San Francisco Main Ship Channel buoys 7 and 8 (LLNR 4190 & 4195, positions 37°46.9'N., 122°35.4'W. and 37°46.5'N., 122°35.2'W., respectively).

(c) *Regulations.* (1) In accordance with the general regulations in §165.33 of this part, entry into or remaining in this zone is prohibited unless authorized by the Coast Guard Captain of the Port, San Francisco Bay, 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 510-437-3073 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 designated representative.

(3) When a cruise ship and/or tank vessel 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 and/or tank vessel's security zone unless it is either ordered by, or given permission from, the COTP San Francisco Bay to do otherwise.

(d) *Authority.* In addition to 33 U.S.C. 1231, 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 local law enforcement as necessary.

(FR 12/31/02)

18/03

COAST PILOT 7 34 Ed 2002 Change No. 7

Page 102—Paragraph 2126, line 5 to Page 105—Paragraph 2304; read:

subject to any penalties under 33 U.S.C. 1232.

Subpart C—Notification of Arrival, Hazardous Conditions, and Certain Dangerous Cargos**§160.201 General.**

This subpart contains requirements and procedures for submitting Notices of Arrival (NOA) and Notice of Hazardous Condition. The sections in this subpart describe:

(a) Applicability and exemptions from requirements in this subpart;

(b) Required information in an NOA;

(c) Required changes to an NOA;

(d) Methods and times for submission of an NOA and changes to an NOA;

(e) How to obtain a waiver; and

(f) Requirements for submission of the Notice of Hazardous Conditions.

§160.202 Applicability.

(a) This subpart applies to U.S. and foreign vessels bound for or departing from ports or places in the United States.

(b) This subpart does not apply to recreational vessels under 46 U.S.C. 4301 *et seq.*

(c) Unless otherwise specified in this subpart, the owner, agent, master, operator, or person in charge of a vessel regulated by this subpart is responsible for compliance with the requirements in this subpart.

(d) Towing vessels controlling a barge or barges required to submit an NOA under this subpart must submit only one NOA containing the information required for the towing vessel and each barge under its control.

§160.203 Exemptions.

(a) Except for reporting notice of hazardous conditions, the following vessels are exempt from requirements in this subpart:

(1) Passenger and supply vessels when they are employed in the exploration for or in the removal of oil, gas, or mineral resources on the continental shelf.

(2) Oil Spill Recovery Vessels (OSRVs) when engaged in actual spill response operations or during spill response exercises.

(3) Vessels operating upon the following waters:

(i) Mississippi River between its sources and mile 235, Above Head of Passes;

(ii) Tributaries emptying into the Mississippi River above mile 235;

(iii) Atchafalaya River above its junction with the Plaquemine-Morgan City alternate waterway and the Red River; and

(iv) The Tennessee River from its confluence with the Ohio River to mile zero on the Mobile River and all other tributaries between those two points.

(b) If not carrying certain dangerous cargo or controlling another vessel carrying certain dangerous cargo, the following vessels are exempt from NOA requirements in this subpart:

(1) Vessels 300 gross tons or less, except for vessels entering any port or place in the Seventh Coast Guard District as described in 33 CFR 3.35–1(b).

(2) Vessels operating exclusively within a Captain of the Port Zone.

(3) Vessels arriving at a port or place under force majeure.

(4) Towing vessels and barges operating solely between ports or places in the continental United States.

(5) Public vessels.

(6) Except for tank vessels, U.S. vessels operating solely between ports or places in the United States on the Great Lakes.

(c) Vessels less than 500 gross tons need not submit the International Safety Management (ISM) Code Notice (Entry (7) to Table 160.206).

(d) Vessels operating solely between ports or places in the continental United States need not submit the Cargo Declaration (Customs Form 1302), (Entry (8) to Table 160.206).

(e) This section does not exempt any vessel from compliance with the U.S. Customs Service (USCS) reporting or submission requirements.

COAST PILOT 7 (Continued)

§160.204 Definitions.

As used in this subpart:

Agent means any person, partnership, firm, company or corporation engaged by the owner or charterer of a vessel to act in their behalf in matters concerning the vessel.

Barge means a non-self propelled vessel engaged in commerce.

Carried in bulk means a commodity that is loaded or carried on board a vessel without containers or labels and received and handled without mark or count.

Certain dangerous cargo (CDC) includes any of the following:

(1) Division 1.1 or 1.2 explosives as defined in 49 CFR 173.50.

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

(3) Division 2.3 “poisonous gas”, as listed in 49 CFR 172.101 that is also a “material poisonous by inhalation” as defined in 49 CFR 171.8, and that is in a quantity in excess of 1 metric ton per vessel.

(4) Division 5.1 oxidizing materials for which a permit is required under 49 CFR 176.415 or for which a permit is required as a condition of a Research and Special Programs Administration exemption.

(5) A liquid material that has a primary or subsidiary classification of Division 6.1 “poisonous material” as listed 49 CFR 172.101 that is also a “material poisonous by inhalation,” as defined in 49 CFR 171.8 and that is in a bulk packaging, or that is in a quantity in excess of 20 metric tons per vessel when not in a bulk packaging.

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

(7) Bulk liquefied chlorine gas and Bulk liquefied gas cargo that is flammable and/or toxic and carried under 46 CFR 154.7.

(8) The following bulk liquids:

- (i) Acetone cyanohydrin,
- (ii) Allyl alcohol,
- (iii) Chlorosulfonic acid,
- (iv) Crotonaldehyde,
- (v) Ethylene chlorohydrin,
- (vi) Ethylene dibromide,
- (vii) Methacrylonitrile, and
- (viii) Oleum (fuming sulfuric acid).

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

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

Great Lakes means Lakes Superior, Michigan, Huron, Erie, and Ontario, their connecting and tributary waters, the Saint Lawrence River as far as Saint Regis, and adjacent port areas.

Gross tons means the tonnage determined by the tonnage authorities of a vessel’s flag state in accordance with the national tonnage rules in force before the entry into force of the International Convention on Tonnage Measurement of Ships, 1969 (“Convention”). For a vessel measured only under Annex I of the Convention, gross tons means that tonnage. For a vessel measured under both systems, the higher gross tonnage is the tonnage used for the purposes of the 300-gross-ton threshold.

Hazardous condition means any condition that may adversely affect the safety of any vessel, bridge, structure, or shore area or the environmental quality of any port, harbor, or navigable waterway of the United States. It may, but need not, involve collision, allision, fire, explosion, grounding, leaking, damage, injury or illness of a person aboard, or manning-shortage.

Nationality means the state (nation) in which a person is a citizen or to which a person owes permanent allegiance.

Operator means any person including, but not limited to, an owner, a charterer, or another contractor who conducts, or is responsible for, the operation of a vessel.

Persons in addition to crewmembers mean any person onboard the vessel, including passengers, who are not included on the list of crewmembers.

Port or place of departure means any port or place in which a vessel is anchored or moored.

Port or place of destination means any port or place in which a vessel is bound to anchor or moor.

Public vessel means a vessel that is owned or demise (bareboat) chartered by the government of the United States, by a State or local government, or by the government of a foreign country and that is not engaged in commercial service.

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

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

§160.206 Information required in an NOA.

(a) Each NOA must contain all of the information items specified in Table 160.206

TABLE 160.206.—NOA INFORMATION ITEMS

Required information	Vessels not carrying CDC	Vessels	Towing vessels controlling vessels carrying CDC
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COAST PILOT 7 (Continued)

(1) <i>Vessel Information:</i> (i) Name; (ii) Name of the registered owner; (iii) Country of registry; (iv) Call sign; (v) International Maritime Organization (IMO) international number or, if vessel does not have an assigned IMO international number, substitute with official number; (vi) Name of the operator; (vii) Name of the charterer; and (viii) Name of classification society.	X X X X X X X X	X X X X X X X X	X X X X X X X X
(2) <i>Voyage Information:</i> (i) Names of last five ports or places visited; (ii) Dates of arrival and departure for last five ports or places visited; (iii) For each port or place in the United States to be visited, list the names of the receiving facility, the port or place, the city, and the state; (iv) For each port or place in the United States to be visited, the estimated date and time of arrival; (v) For each port or place in the United States to be visited, the estimated date and time of departure; (vi) The location (port or place and country) or position (latitude and longitude or waterway and mile marker) of the vessel at the time of reporting; and (vii) The name and telephone number of a 24-hour point of contact.	X X X X X X X X	X X X X X X X X	X X X X X X X X
(3) <i>Cargo Information:</i> (i) A general description of cargo, other than CDC, onboard the vessel (e.g.: grain, container, oil, etc); (ii) Name of each certain dangerous cargo carried, including cargo UN number, if applicable; and (iii) Amount of each certain dangerous cargo carried.	X	X X X	X X X
(4) <i>Information for each Crewmember Onboard:</i> (i) Full name; (ii) Date of birth; (iii) Nationality; (iv) Passport or mariners document number (type of identification and number); (v) Position or duties on the vessel; and (vi) Where the crewmember embarked (list port or place and country).	X X X X X X	X X X X X X	X X X X X X
(5) <i>Information for each Person Onboard in Addition to Crew:</i> (i) Full name; (ii) Date of birth; (iii) Nationality; (iv) Passport number; and (v) Where the person embarked (list port or place and country).	X X X X X	X X X X X	X X X X X
(6) <i>Operational condition of equipment required by §164.35 of this chapter.</i>	X	X	X
(7) <i>International Safety Management (ISM) Code Notice:</i> (i) The date of issuance for the company's Document of Compliance certificate that covers the vessel; (ii) The date of issuance for the vessel's Safety Management Certificate; and (iii) The name of the Flag Administration, or the recognized organization(s) representing the vessel flag administration, that issued those certificates.	X X X	X X X	X X X
(8) <i>Cargo Declaration (Customs Form (1302) as described in 19 CFR 4.7.</i>	X	X	X

(b) Vessels operating solely between ports or places in the continental United States need submit only the name of and date of arrival and departure for the last port or places visited to meet the requirements in entries (2)(i) and (ii) to Table 160.206 of this section.

(c) You may submit a copy of INS Form I-418 to meet the requirements of entries (4) and (5) in Table 160.206.

(d) Any vessel planning to enter two or more consecutive ports or places in the United States during a single voyage may submit one consolidated Notification of Arrival at least 96 hours before entering the first port or place of destination. The consolidated notice must include the name of the port or place and estimated arrival date for each destination of the voyage. Any vessel submitting a consolidated notice under

COAST PILOT 7 (Continued)

this section must still meet the requirements of §160.208 of this part concerning requirements for charges to an NOA.

§160.208 Changes to a submitted NOA.

(a) Unless otherwise specified in this section, when submitted NOA information changes, vessels must submit a notice of change within the times required in §160.212.

(b) Changes in the following information need not be reported:

(1) Changes in arrival or departure times that are less than six (6) hours;

(2) Changes in vessel location or position of the vessel at the time of reporting (entry (2)(vi) to Table 160.206); and

(3) Changes to crewmembers' position or duties on the vessel (entry (5)(v) to Table 160.206).

(c) When reporting changes, submit only the name of the vessel, original NOA submission date, the port of arrival, the specific items to be corrected, and the new location or position of the vessel at the time of reporting. Only changes to NOA information need to be submitted.

§160.210 Methods for submitting an NOA.

(a) *Submission to the National Vessel Movement Center (NVMC).* Except as provided in paragraphs (b) and (c) of this section, all vessels required to submit NOA information in §160.206 (entries 1-7 to Table 160.206) to the NVMC, United States Coast Guard, 408 Coast Guard Drive, Kearneysville, WV, 25430, shall do so by:

(1) Telephone at 1-800-708-9823 or 304-264-2502;

(2) Fax at 1-800-547-8724 or 304-264-2684; or

(3) E-mail at SANS@NVMC.USCG.gov.

Note to paragraph (a): Information about the National Vessel Movement Center is available on its Web site at <http://www.nvmc.uscg.gov/>. You may submit the notice using any electronic format available on the NVMC website.

(b) *Saint Lawrence Seaway transits.* Those vessels transiting the Saint Lawrence Seaway inbound, bound for a port or place in the United States, may meet the submission requirements of paragraph (a) of this section by submitting the required information to the Saint Lawrence Seaway Development Corporation and the Saint Lawrence Seaway Management Corporation of Canada by fax at 315-764-3235 or at 315-764-3200. The Cargo Declaration (Customs Form 1302) in entry (8) in Table 160.206 must be submitted electronically to the USCS, as required by paragraph (d) of this section.

(c) *Seventh Coast Guard District.* Those vessels 300 or less gross tons operating in the Seventh Coast Guard District must submit an NOA to the cognizant Captain of the Port (COTP). The Cargo Declaration (Customs Form 1302) in entry (8) in Table 160.206 must be submitted electronically to the USCS, as required by paragraph (d) of this section.

(d) *Submission to the United States Customs Service's Sea Automated Manifest System (AMS).*

(1) Beginning July 1, 2003, the Cargo Declaration (Customs Form 1302) in entry (8) in Table 160.206 must be submitted electronically to the USCS Sea AMS by one of the following methods:

(i) By direct connection with USCS or by purchas-

ing the proper software; or

(ii) Using a service provider or a Port Authority.

(2) To become a participant in Sea AMS, submitters must provide a letter of intent to USCS prior to first submission.

§160.212 When to submit an NOA.

(a) *Submission of NOA.* (1) Except as set out in paragraph (a)(2) of this section, all vessels must submit NOAs within the times required in paragraph (a)(3) of this section.

(2) Towing vessels, when in control of a vessel carrying CDC and operating solely between ports or places in the continental United States, must submit an NOA before departure but at least 12 hours before entering the port or place of destination.

(3) Times for submitting NOAs are as follows:

If your voyage time is—	You must submit an NOA—
(i) 96 hours or more; or	Before departure but at least 96 hours before entering the port or place of destination; or
(ii) Less than 96 hours	Before departure but at least 24 hours before entering the port or place of destination.

(b) *Submission of changes to NOA.* (1) Except as set out in paragraph (b)(2) of this section, vessels must submit changes in NOA information within the times required in paragraph (b)(3) of this section.

(2) Towing vessels, when in control of a vessel carrying CDC and operating solely between ports or places in the continental United States, must submit changes to an NOA as soon as practicable but at least 6 hours before entering the port or place of destination.

(3) Times for submitting changes to NOAs are as follows:

If your remaining voyage time is—	Then you must submit changes to an NOA—
(i) 96 hours or more;	As soon as practicable but at least 24 hours before entering the port or place of destination;
(ii) Less than 96 hours but not less than 24 hours; or	As soon as practicable but at least 24 hours before entering the port or place of destination; or
(iii) Less than 24 hours	As soon as practicable but at least 12 hours before entering the port or place of destination.

(c) *Submission of the Cargo Declaration (Customs Forms 1302).* (1) Except as set out in paragraph (c)(2) of this section, all vessels must submit to USCS the Cargo Declaration (Customs Form 1302) in entry (8) to Table 160.206, within the times required in paragraph (a)(3) of this section.

COAST PILOT 7 (Continued)

(2)(i) Except for vessels carrying containerized cargo or break bulk cargo, vessels carrying bulk cargo may submit the Cargo Declaration (Customs Form 1302). Entry (8) to Table 160.206) before departure but at least 24 hours before entering the U.S. port or place of destination.

(ii) Vessels carrying break bulk cargo operating under a USCS exemption granted under 19 CFR 4.7(b)(4)(ii) may, during the effective period of the USCS exemption submit the Cargo Declaration (Customs Form 1302), (Entry (8) to Table 160.206) before departure but at least 24 hours before entering the U.S. port or place of destination.

§160.214 Waivers.

The Captain of the Port may waive, within that Captain of the Port's designated zone, any of the requirements of this subpart for any vessel or class of vessels upon finding that the vessel, route area of operations, conditions of the voyage, or other circumstances are such that application of this subpart is unnecessary or impractical for purposes of safety, environmental protection, or national security.

§160.215 Notice of hazardous conditions.

Whenever there is a hazardous condition either aboard a vessel or caused by a vessel or its operation, the owner, agent, master, operator, or person in charge shall immediately notify the nearest Coast Guard Marine Safety Office or Group Office. (Compliance with this section does not relieve responsibility for the written report required by 46 CFR 4.05-10.)

(FR 2/28/03)

18/03

COAST PILOT 7 34 Ed 2002 Change No. 8

Page 177—Paragraph 146 to Paragraph 147, line 1; read:
54°20'N., 164°45'W.

Offshore Vessel Traffic Management Recommendations

The **United States Coast Guard Pacific Area** recommends that, where no other traffic management areas exist such as **Traffic Separation Schemes, Vessel Traffic Services, or recommended routes**, vessels 300 gross tons or larger transiting along the coast anywhere between Cook Inlet and San Diego should voluntarily stay a minimum distance of 25 nautical miles offshore. The USCG Pacific Area further recommends that tank ships laden with persistent petroleum products and transiting along the coast between Cook Inlet and San Diego should voluntarily stay a minimum distance of 50 nautical miles offshore. Vessels transiting short distances between adjacent ports should seek routing guidance as needed from the local Captain of the Port or VTS authority for that area.

Principal ports.—The principal deep-draft commercial ...

(CL 283/03)

18/03

Page 219—Paragraph 154, line 8; read:
Monterey.

Pilotage, Monterey Bay.—Pilotage in and out of Monterey

Bay is compulsory for all vessels of foreign registry and U.S. vessels under enrollment not having a federal licensed pilot on board. The San Francisco Bar Pilots provide pilotage to harbors in Monterey Bay (see Pilotage, San Francisco, chapter 7 for contact information.)

(CL 2301/02)

18/03

Page 237—Paragraph 279, lines 8 to 11; read:

of spans B-C and C-D are each 220 feet. The bridge span between Yerba Buena Island and Oakland has a greatest vertical clearance of 184 feet between piers G and H and a least vertical clearance of 141 feet between piers M and N. These clearances are approximate; they may be reduced by several feet due to heavy traffic on the bridge and prolonged periods of extremely high temperature, and as much as 10 feet under extreme conditions. In June 2002, a replacement bridge was under construction, just N of the existing bridge between Yerba Buena Island and Oakland, with a design clearance of 140 feet over the main navigation channel.

(CL 1581/02; NOS 18650)

18/03

Page 279—Paragraph 231, lines 9 to 14; read:

side of the harbor. A pier with a bait and tackle shop, and restaurant is located in the bight W of Little Head. A small marine railway near the foot of the pier is used for launching and retrieving small craft up to 25 feet long and 8.5 feet wide. A beach boat launch is located on the E side of the marine railway. A water taxi is available during the summer months and a floating pier is provided to access the main pier during the months of May through September. Gasoline, marine supplies, and ice are available in **Trinidad**, a town on the N shore of the cove. The harbor monitors VHF-FM channel 78.

(CL 1965/02)

18/03

Page 281—Paragraph 266, line 5; read:

entrance to the harbor is marked by lighted buoys, lights, and a lighted range.

(05/03 CG11)

18/03

Page 289—Photograph title; read:

UMPQUA RIVER

(CL 67/03)

18/03

COAST PILOT 7 34 Ed 2002 Change No. 9

Page 303—Paragraph 33; read:

Prominent features.—Columbia River Approach Lighted Whistle Buoy CR (46°11'05"N., 124°11'03"W.), about 5.3 miles SW of the entrance to Columbia River, is equipped with a racon.

(09/03 CG13; LL/02)

18/03

Page 317—Paragraph 311, lines 4 to 5; read:

over the miter sills at low water. A bascule highway bridge across the canal has a vertical clearance of 27 feet closed. The least clearance of the power cables and pipeline that

COAST PILOT 7 (Continued)

cross the canal is 67 feet. (See **207.680**, ...
(CL 2046/02; NOS 18528)

18/03

COAST PILOT 7**34 Ed 2002****Change No. 10**

Page 339—Paragraph 81, line 4; read:
chart 18468). There are two pilot boats, 16 and 22 ...
(CL 2209/02)

18/03

Page 441—Paragraph 632, lines 2 to 3; read:
advance from Commander, Navy Region Hawaii 96860.
(CL 475/03) 18/03

Page 339—Paragraph 82, line 7; read:
Telex 6734358 “MAREX”). If subsequent conditions make
it necessary ...
(CL 2209/02) 18/03

Page 441—Paragraph 633, line 4 to Paragraph 634, line 2;
read:

meet vessels at Approach Point PAPA HOTEL (21°16'06"N.,
157°56'23"W.), about 2 miles SE of the entrance buoys. All
vessels destined for Pearl Harbor must pass through this
point, which is not marked by any navigational aids.

Pearl Harbor Control maintains a 24-hour guard on VHF-
FM channel 69. It is requested that vessels guard VHF-FM
channel 69, 1 hour before entrance, and continuously ...
(CL 316/03; CL 475/03) 18/03

Page 342—Paragraph 155; read:

Caution.—The U.S. Navy advises that the precautionary
area, located within a 1 mile radius centered around a point
in about 48°15'36"N., 123°15'48"W., approximately 9 miles
NNE of Ediz Hook, is used by naval vessels to conduct
equipment calibration tests. Surface vessels or submerged
submarines will occasionally be maneuvering in circles in
this area for several hours or days. When these operations are
in progress, the test facility located on the east end of Ediz
Hook will be manned and reference lights consisting of a
lazy "T" bar, 1 sec flashing yellow, 2/sec flashing red, and a
high intensity spot will be lit. The group of lights is visible-
from the N side of Ediz Hook with the "T" bar to the W and
spot light to the E. The naval vessels will be participating in
the Seattle Vessel Traffic System on VHF-FM channel 5A.
The Navy Test Facility Port Angeles will monitor VHF-FM
channels 16 and 69. Mariners transiting this area are re-
quested to proceed with caution.
(CL 2226/02; LL/02) 18/03

Page 441—Paragraph 648; strike out.
(09/03 CG14) 18/03

Page 447—Paragraph 765, lines 2 to 6; read:
Nawiliwili Harbor. Two jetties protect the harbor and are
marked by lights on the outer ends at the entrance. Private
daybeacons mark the channel inside the harbor. The harbor
has three piers, 85 berths, a launching ramp on the N side of
the harbor, and a pump-out station. In April 1999, the con-
trolling ...
(CL 468/02; LL/02) 18/03

Page 369—Paragraph 80, line 1; read:

Burner Point, marked by a light, is on the N side of the
entrance to the inner ...
(LL/02; NOS 18477) 18/03

Page 477—Paragraph 407; strike out.
(09/03 CG14) 18/03

COAST PILOT 7**34 Ed 2002****Change No. 11**

Page 369—Paragraph 81, line 4 to Paragraph 83; read:
development and resort of the same name. A series of
exposed piles are on the NW side of the inner bay. Several
private small-craft floats are in the bay.

A marina, on the N side of the bay and just W of Burner
Point, has berths for nearly 300 craft; electricity, gasoline,
diesel fuel, water, ice, and some marine supplies are avail-
able. Reported depths of 16 feet can be taken to the floats.
The entrance to the fuel dock is reported to shoal on the right
side at low tide.

The Twins are two islands at the extreme SW end of Port
Ludlow. The small bay S of The Twins is sometimes used as
an anchorage for small craft in rough weather. A reported
depth of 10 feet is in the entrance to the bay between the
islands.
(CL 220/03) 18/03

Page 130—Paragraphs 3088 to 3096; read:
**§165.1151 Security Zones; Liquefied Hazardous Gas
Tank Vessels, San Pedro Bay, California.**

(a) *Definition.* “Liquefied Hazardous Gas” as used in this
section means a liquid containing one or more of the prod-
ucts listed in Table 127.005 of this part that is carried in bulk
on board a tank vessel as liquefied petroleum gas, liquefied
natural gas, or similar liquefied gas products.

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

(1) All waters, extending from the surface of the sea
floor, within a 500 yard radius around any liquefied haz-
ardous gas (LHG) tank vessel that is anchored at a desig-
nated anchorage either inside the Federal breakwaters
bounding San Pedro Bay or outside at designated anchor-
ages within three nautical miles of the breakwater;

(2) The shore area and all waters, extending from the
surface to the sea floor, within a 500 yard radius around
any LHG tank vessel that is moored, or 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;

(3) All waters, extending from the surface to the sea
floor, within 1000 yards ahead and 500 yards on each side

Page 426—Paragraph 330, line 5; read:

Molokini Island Light (20°37'50"N., 156°29'51"W.), 186
feet above the water, is shown from a 30-foot pole with a red
and ...
(09/03 CG14; LL/03) 18/03

COAST PILOT 7 (Continued)

and astern of any LHG tank vessel that is underway either on the waters inside the Federal breakwaters bounding San Pedro Bay or on the waters within three nautical miles seaward of the Federal breakwaters.

(c) *Regulations.* (1) In accordance with the general regulations in §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 or her designated representative.

(2) Persons desiring to transit the area of the security zone may contact the Captain of the Port at telephone number (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 shall comply with the instructions of the Captain of the Port or his or her designated representative.

(3) When any LHG tank vessels approach within 500 yards of a vessel that is moored or anchored, the stationary vessel must stay moored or anchored while it remains within the LHG tank vessel's security zone unless it is either ordered by or given permission from the Captain of the Port 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 these security zones by the Los Angeles Port Police and the Long Beach Police Department.

(FR 3/19/03)

18/03

Page 131—Paragraph 3123; read:

§165.T11-078 Security Zones; Golden Gate Bridge and the San Francisco-Oakland Bay Bridge, San Francisco Bay, California.

(a) *Location* All waters extending from the surface to the sea floor, 25 yards around all piers, abutments, fenders and pilings of the Golden Gate Bridge and the San Francisco-Oakland Bay Bridge, San Francisco Bay, California.

(b) *Regulations.* (1) In accordance with the general regulations in §165.33 of this part, entry into these security zones is prohibited, unless doing so is necessary for safe navigation, to conduct official business such as scheduled maintenance or retrofit operations, or unless specifically authorized by the Captain of the Port San Francisco Bay, 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 510-437-3073 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.

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

(e) *Enforcement.* All persons and vessels shall comply with the instructions of the Coast Guard Captain of the Port or the designated on-scene patrol personnel. Patrol personnel comprise commissioned, warrant, and petty officers of the Coast Guard onboard Coast Guard, Coast Guard Auxiliary,

local, state, and federal law enforcement vessels. Upon being hailed by U.S. Coast Guard patrol personnel by siren, radio, flashing light, or other means, the operator of a vessel shall proceed as directed.

(f) *Effective Dates.* This section becomes effective at 11 a.m. PST on February 13, 2003, and will terminated at 11:59 p.m. PDT on September 30, 2003.

§165.1181 San Francisco Bay Region, California—Regulated navigation area.

(FR 3/19/03)

18/03

**COAST PILOT 8 24 Ed 2002 Change No. 15
LAST NM 9/03**

Page 6—Paragraph 132, line 7; read:

principal seaports. Light Lists are also available to view on the USCG Navigation Center internet site at www.navcen.uscg.gov/pubs/lightlists/lightlists.htm. Mariners should refer to these publications for detailed ...

(08/03 CG7)

18/03

COAST PILOT 8 24 Ed 2002 Change No. 16

Page 42—Paragraph 219, line 5 to Page 46—Paragraph 392; read:

subject to any penalties under 33 U.S.C. 1232.

Subpart C—Notification of Arrival, Hazardous Conditions, and Certain Dangerous Cargos

§160.201 General.

This subpart contains requirements and procedures for submitting Notices of Arrival (NOA) and Notice of Hazardous Condition. The sections in this subpart describe:

- (a) Applicability and exemptions from requirements in this subpart;
- (b) Required information in an NOA;
- (c) Required changes to an NOA;
- (d) Methods and times for submission of an NOA and changes to an NOA;
- (e) How to obtain a waiver; and
- (f) Requirements for submission of the Notice of Hazardous Conditions.

§160.202 Applicability.

- (a) This subpart applies to U.S. and foreign vessels bound for or departing from ports or places in the United States.
- (b) This subpart does not apply to recreational vessels under 46 U.S.C. 4301 *et seq.*
- (c) Unless otherwise specified in this subpart, the owner, agent, master, operator, or person in charge of a vessel regulated by this subpart is responsible for compliance with the requirements in this subpart.
- (d) Towing vessels controlling a barge or barges required to submit an NOA under this subpart must submit only one NOA containing the information required for the towing vessel and each barge under its control.

§160.203 Exemptions.

- (a) Except for reporting notice of hazardous conditions, the following vessels are exempt from requirements in this

COAST PILOT 8 (Continued)

subpart:

- (1) Passenger and supply vessels when they are employed in the exploration for or in the removal of oil, gas, or mineral resources on the continental shelf.
- (2) Oil Spill Recovery Vessels (OSRVs) when engaged in actual spill response operations or during spill response exercises.
- (3) Vessels operating upon the following waters:
 - (i) Mississippi River between its sources and mile 235, Above Head of Passes;
 - (ii) Tributaries emptying into the Mississippi River above mile 235;
 - (iii) Atchafalaya River above its junction with the Plaquemine-Morgan City alternate waterway and the Red River; and
 - (iv) The Tennessee River from its confluence with the Ohio River to mile zero on the Mobile River and all other tributaries between those two points.
- (b) If not carrying certain dangerous cargo or controlling another vessel carrying certain dangerous cargo, the following vessels are exempt from NOA requirements in this subpart:
 - (1) Vessels 300 gross tons or less, except for vessels entering any port or place in the Seventh Coast Guard District as described in 33 CFR 3.35–1(b).
 - (2) Vessels operating exclusively within a Captain of the Port Zone.
 - (3) Vessels arriving at a port or place under force majeure.
 - (4) Towing vessels and barges operating solely between ports or places in the continental United States.
 - (5) Public vessels.
 - (6) Except for tank vessels, U.S. vessels operating solely between ports or places in the United States on the Great Lakes.
- (c) Vessels less than 500 gross tons need not submit the International Safety Management (ISM) Code Notice (Entry (7) to Table 160.206).
- (d) Vessels operating solely between ports or places in the continental United States need not submit the Cargo Declaration (Customs Form 1302), (Entry (8) to Table 160.206).
- (e) This section does not exempt any vessel from compliance with the U.S. Customs Service (USCS) reporting or submission requirements.

§160.204 Definitions.

As used in this subpart:

Agent means any person, partnership, firm, company or corporation engaged by the owner or charterer of a vessel to act in their behalf in matters concerning the vessel.

Barge means a non-self propelled vessel engaged in commerce.

Carried in bulk means a commodity that is loaded or carried on board a vessel without containers or labels and received and handled without mark or count.

Certain dangerous cargo (CDC) includes any of the following:

- (1) Division 1.1 or 1.2 explosives as defined in 49 CFR 173.50.
- (2) Division 1.5D blasting agents for which a permit is

required under 49 CFR 176.415 or, for which a permit is required as a condition of a Research and Special Programs Administration exemption.

(3) Division 2.3 “poisonous gas”, as listed in 49 CFR 172.101 that is also a “material poisonous by inhalation” as defined in 49 CFR 171.8, and that is in a quantity in excess of 1 metric ton per vessel.

(4) Division 5.1 oxidizing materials for which a permit is required under 49 CFR 176.415 or for which a permit is required as a condition of a Research and Special Programs Administration exemption.

(5) A liquid material that has a primary or subsidiary classification of Division 6.1 “poisonous material” as listed 49 CFR 172.101 that is also a “material poisonous by inhalation,” as defined in 49 CFR 171.8 and that is in a bulk packaging, or that is in a quantity in excess of 20 metric tons per vessel when not in a bulk packaging.

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

(7) Bulk liquefied chlorine gas and Bulk liquefied gas cargo that is flammable and/or toxic and carried under 46 CFR 154.7.

(8) The following bulk liquids:

- (i) Acetone cyanohydrin,
- (ii) Allyl alcohol,
- (iii) Chlorosulfonic acid,
- (iv) Crotonaldehyde,
- (v) Ethylene chlorohydrin,
- (vi) Ethylene dibromide,
- (vii) Methacrylonitrile, and
- (viii) Oleum (fuming sulfuric acid).

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

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

Great Lakes means Lakes Superior, Michigan, Huron, Erie, and Ontario, their connecting and tributary waters, the Saint Lawrence River as far as Saint Regis, and adjacent port areas.

Gross tons means the tonnage determined by the tonnage authorities of a vessel’s flag state in accordance with the national tonnage rules in force before the entry into force of the International Convention on Tonnage Measurement of Ships, 1969 (“Convention”). For a vessel measured only under Annex I of the Convention, gross tons means that tonnage. For a vessel measured under both systems, the higher gross tonnage is the tonnage used for the purposes of the 300-gross-ton threshold.

Hazardous condition means any condition that may adversely affect the safety of any vessel, bridge, structure, or shore area or the environmental quality of any port, harbor, or navigable waterway of the United States. It may, but need not, involve collision, allision, fire, explosion, grounding, leaking, damage, injury or illness of a person aboard, or

COAST PILOT 8 (Continued)

manning-shortage.

Nationality means the state (nation) in which a person is a citizen or to which a person owes permanent allegiance.

Operator means any person including, but not limited to, an owner, a charterer, or another contractor who conducts, or is responsible for, the operation of a vessel.

Persons in addition to crewmembers mean any person onboard the vessel, including passengers, who are not included on the list of crewmembers.

Port or place of departure means any port or place in which a vessel is anchored or moored.

Port or place of destination means any port or place in which a vessel is bound to anchor or moor.

Public vessel means a vessel that is owned or demise-

(bareboat) chartered by the government of the United States, by a State or local government, or by the government of a foreign country and that is not engaged in commercial service.

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

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

§160.206 Information required in an NOA.

(a) Each NOA must contain all of the information items specified in Table 160.206

TABLE 160.206.—NOA INFORMATION ITEMS

Required information	Vessels not carrying CDC	Vessels	Towing vessels controlling vessels carrying CDC
<i>(1) Vessel Information:</i>			
(i) Name;	X	X	X
(ii) Name of the registered owner;	X	X	X
(iii) Country of registry;	X	X	X
(iv) Call sign;	X	X	X
(v) International Maritime Organization (IMO) international number or, if vessel does not have an assigned IMO international number, substitute with official number;	X	X	X
(vi) Name of the operator;	X	X	X
(vii) Name of the charterer; and	X	X	X
(viii) Name of classification society.	X	X	X
<i>(2) Voyage Information:</i>			
(i) Names of last five ports or places visited;	X	X	X
(ii) Dates of arrival and departure for last five ports or places visited;	X	X	X
(iii) For each port or place in the United States to be visited, list the names of the receiving facility, the port or place, the city, and the state;	X	X	X
(iv) For each port or place in the United States to be visited, the estimated date and time of arrival;	X	X	X
(v) For each port or place in the United States to be visited, the estimated date and time of departure;	X	X	X
(vi) The location (port or place and country) or position (latitude and longitude or waterway and mile marker) of the vessel at the time of reporting; and	X	X	X
(vii) The name and telephone number of a 24-hour point of contact.	X	X	X
<i>(3) Cargo Information:</i>			
(i) A general description of cargo, other than CDC, onboard the vessel (e.g.: grain, container, oil, etc);	X	X	X
(ii) Name of each certain dangerous cargo carried, including cargo UN number, if applicable; and		X	X
(iii) Amount of each certain dangerous cargo carried.		X	X
<i>(4) Information for each Crewmember Onboard:</i>			
(i) Full name;	X	X	X
(ii) Date of birth;	X	X	X
(iii) Nationality;	X	X	X
(iv) Passport or mariners document number (type of identification and number);	X	X	X
(v) Position or duties on the vessel; and	X	X	X
(vi) Where the crewmember embarked (list port or place and country).	X	X	X

COAST PILOT 8 (Continued)

(5) <i>Information for each Person Onboard in Addition to Crew:</i>			
(i) Full name;	X	X	X
(ii) Date of birth;	X	X	X
(iii) Nationality;	X	X	X
(iv) Passport number; and	X	X	X
(v) Where the person embarked (list port or place and country).	X	X	X
(6) <i>Operational condition of equipment required by §164.35 of this chapter.</i>	X	X	X
(7) <i>International Safety Management (ISM) Code Notice:</i>			
(i) The date of issuance for the company's Document of Compliance certificate that covers the vessel;	X	X	X
(ii) The date of issuance for the vessel's Safety Management Certificate; and	X	X	X
(iii) The name of the Flag Administration, or the recognized organization(s) representing the vessel flag administration, that issued those certificates.	X	X	X
(8) <i>Cargo Declaration (Customs Form (1302) as described in 19 CFR 4.7.</i>	X	X	X

(b) Vessels operating solely between ports or places in the continental United States need submit only the name of and date of arrival and departure for the last port or places visited to meet the requirements in entries (2)(i) and (ii) to Table 160.206 of this section.

(c) You may submit a copy of INS Form I-418 to meet the requirements of entries (4) and (5) in Table 160.206.

(d) Any vessel planning to enter two or more consecutive ports or places in the United States during a single voyage may submit one consolidated Notification of Arrival at least 96 hours before entering the first port or place of destination. The consolidated notice must include the name of the port or place and estimated arrival date for each destination of the voyage. Any vessel submitting a consolidated notice under this section must still meet the requirements of §160.208 of this part concerning requirements for charges to an NOA.

§160.208 Changes to a submitted NOA.

(a) Unless otherwise specified in this section, when submitted NOA information changes, vessels must submit a notice of change within the times required in §160.212.

(b) Changes in the following information need not be reported:

(1) Changes in arrival or departure times that are less than six (6) hours;

(2) Changes in vessel location or position of the vessel at the time of reporting (entry (2)(vi) to Table 160.206); and

(3) Changes to crewmembers' position or duties on the vessel (entry (5)(v) to Table 160.206).

(c) When reporting changes, submit only the name of the vessel, original NOA submission date, the port of arrival, the specific items to be corrected, and the new location or position of the vessel at the time of reporting. Only changes to NOA information need to be submitted.

§160.210 Methods for submitting an NOA.

(a) *Submission to the National Vessel Movement Center (NVMC).* Except as provided in paragraphs (b) and (c) of this section, all vessels required to submit NOA information in §160.206 (entries 1-7 to Table 160.206) to the NVMC, United States Coast Guard, 408 Coast Guard Drive, Kearneysville, WV, 25430, shall do so by:

(1) Telephone at 1-800-708-9823 or 304-264-2502;

(2) Fax at 1-800-547-8724 or 304-264-2684; or

(3) E-mail at SANS@NVMC.USCG.gov.

Note to paragraph (a): Information about the National Vessel Movement Center is available on its Web site at <http://www.nvmc.uscg.gov/>. You may submit the notice using any electronic format available on the NVMC website.

(b) *Saint Lawrence Seaway transits.* Those vessels transiting the Saint Lawrence Seaway inbound, bound for a port or place in the United States, may meet the submission requirements of paragraph (a) of this section by submitting the required information to the Saint Lawrence Seaway Development Corporation and the Saint Lawrence Seaway Management Corporation of Canada by fax at 315-764-3235 or at 315-764-3200. The Cargo Declaration (Customs Form 1302) in entry (8) in Table 160.206 must be submitted electronically to the USCS, as required by paragraph (d) of this section.

(c) *Seventh Coast Guard District.* Those vessels 300 or less gross tons operating in the Seventh Coast Guard District must submit an NOA to the cognizant Captain of the Port (COTP). The Cargo Declaration (Customs Form 1302) in entry (8) in Table 160.206 must be submitted electronically to the USCS, as required by paragraph (d) of this section.

(d) *Submission to the United States Customs Service's Sea Automated Manifest System (AMS).*

(1) Beginning July 1, 2003, the Cargo Declaration (Customs Form 1302) in entry (8) in Table 160.206 must be submitted electronically to the USCS Sea AMS by one of the following methods:

(i) By direct connection with USCS or by purchasing the proper software; or

(ii) Using a service provider or a Port Authority.

(2) To become a participant in Sea AMS, submitters must provide a letter of intent to USCS prior to first submission.

§160.212 When to submit an NOA.

(a) *Submission of NOA.* (1) Except as set out in paragraph (a)(2) of this section, all vessels must submit NOAs within the times required in paragraph (a)(3) of this section.

(2) Towing vessels, when in control of a vessel carrying CDC and operating solely between ports or places in the continental United States, must submit an NOA before departure but at least 12 hours before entering the port or

COAST PILOT 8 (Continued)

place of destination.

(3) Times for submitting NOAs are as follows:

If your voyage time is—	You must submit an NOA—
(i) 96 hours or more; or	Before departure but at least 96 hours before entering the port or place of destination; or
(ii) Less than 96 hours	Before departure but at least 24 hours before entering the port or place of destination.

(b) *Submission of changes to NOA.* (1) Except as set out in paragraph (b)(2) of this section, vessels must submit changes in NOA information within the times required in paragraph (b)(3) of this section.

(2) Towing vessels, when in control of a vessel carrying CDC and operating solely between ports or places in the continental United States, must submit changes to an NOA as soon as practicable but at least 6 hours before entering the port or place of destination.

(3) Times for submitting changes to NOAs are as follows:

If your remaining voyage time is—	Then you must submit changes to an NOA—
(i) 96 hours or more;	As soon as practicable but at least 24 hours before entering the port or place of destination;
(ii) Less than 96 hours but not less than 24 hours; or	As soon as practicable but at least 24 hours before entering the port or place of destination; or
(iii) Less than 24 hours	As soon as practicable but at least 12 hours before entering the port or place of destination.

(c) *Submission of the Cargo Declaration (Customs Forms 1302).* (1) Except as set out in paragraph (c)(2) of this section, all vessels must submit to USCS the Cargo Declaration (Customs Form 1302) in entry (8) to Table 160.206, within the times required in paragraph (a)(3) of this section.

(2)(i) Except for vessels carrying containerized cargo or break bulk cargo, vessels carrying bulk cargo may submit the Cargo Declaration (Customs Form 1302). Entry (8) to Table 160.206) before departure but at least 24 hours before entering the U.S. port or place of destination.

(ii) Vessels carrying break bulk cargo operating under a USCS exemption granted under 19 CFR 4.7(b)(4)(ii) may, during the effective period of the USCS exemption submit the Cargo Declaration (Customs Form 1302), (Entry (8) to Table 160.206) before departure but at least 24 hours before entering the U.S. port or place of destination.

§160.214 Waivers.

The Captain of the Port may waive, within that Captain of the Port's designated zone, any of the requirements of this subpart for any vessel or class of vessels upon finding that the vessel, route area of operations, conditions of the voyage, or other circumstances are such that application of this subpart is unnecessary or impractical for purposes of safety, environmental protection, or national security.

§160.215 Notice of hazardous conditions.

Whenever there is a hazardous condition either aboard a vessel or caused by a vessel or its operation, the owner, agent, master, operator, or person in charge shall immediately notify the nearest Coast Guard Marine Safety Office or Group Office. (Compliance with this section does not relieve responsibility for the written report required by 46 CFR 4.05–10.)

(FR 2/28/03)

18/03

**COAST PILOT 9 20 Ed 2002 Change No. 15
LAST NM 14/03**

Page 6—Paragraph 134, line 7; read:

principal seaports. Light Lists are also available to view on the USCG Navigation Center internet site at www.navcen.uscg.gov/pubs/lightlists/lightlists.htm. Mariners should refer to these publications for detailed ...

(08/03 CG7)

18/03

Page 112—Paragraph 489, line 4; read:

but there are several off-lying dangers. In July 2002, a rock that uncovers at low tide was reported to be at 60°48.7'N., 147°44.3'W. Fishing craft use this passage ...

(CL 243/03)

18/03

Page 190—Paragraph 469, line 3; read:

and eddies. **Aiaktalik Island Light 5** (56°43'54"N., 154°03'06"W.), ...

(24/99 CG17; LL/02)

18/03

Page 190—Paragraph 476, line 2; read:

and sandy. **Whirlpool Point Light** (56°37'00"N., 154°05'36"W.), 51 ...

(24/99 CG17; LL/02)

18/03

Page 234—Paragraph 552, line 1; read:

Iliasik Islands Light (55°02'14"N., 161°56'28"W.), 95 feet ...

(24/99 CG17; LL/02)

18/03

Page 342—Paragraph 10; strike out.

(27/95 CG17)

18/03

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
6950	- <i>Lighted Buoy 4</i> South of ledge.	43 48 18 N 70 06 06 W	F I R 4s		4	Red.	Replaced by nun from Dec. 1 to Apr 1. * 18/03
7400	<i>Royal River Channel</i> <i>Lighted Buoy 1</i>	43 47 06 N 70 07 24 W	F I G 4s		4	Green.	Replaced by can from Dec. 1 to Apr 1. * 18/03
30335	- Buoy 26	40 47 09 N 72 44 27 W				Red nun.	Maintained from May 1 to Nov. 15. * 18/03
30340	- Buoy 27	40 47 06 N 72 44 04 W				Green can.	 * 18/03
35725	- <i>Lighted Buoy 9</i> *		Q G			Green.	 * 18/03
38480	- <i>Lighted Buoy 117</i>	42 11 10 N 73 51 38 W	Q G		4	Green.	Replaced by LIB of reduced intensity from Dec. 1 to Apr 1. * 18/03

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
348	<i>Surface Gunnary Area 8</i> <i>Lighted Buoy GA</i> *	37 12 00 N 74 51 40 W	F I Y 6s		4	Yellow.	 * 18/03
349	<i>Surface Gunnary Area 8</i> <i>Lighted Buoy GC</i> *	37 12 15 N 74 51 49 W	F I Y 2.5s		4	Yellow.	 * 18/03
405	<i>Chesapeake Bay Entrance</i> <i>Lighted Whistle Buoy CH</i>	36 56 08 N 75 57 27 W	M O (A) W		7	Red and white stripes with red spherical topmark.	RACON: C(- - -) * 18/03
Delaware Bay							
1505	- <i>Entrance Channel</i> <i>Lighted Buoy 5</i> *	38 46 36 N 75 03 33 W	F I G 2.5s		5	Green.	 * 18/03
9220	- <i>Lighted Gong</i> <i>Buoy 4</i>		F I R 4s		4	Red.	 * 18/03

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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
Craney Island Disposal Area							
9570	- Daybeacon 8					Red nun.	
	*						18/03
Lafayette River Channel							
10660	- LIGHT 2	36 53 36 N 76 19 27 W	FIR 4s	15	3	TR on pile.	
				*			18/03
10700	- LIGHT 11 120 feet outside channel limit.		FIG 4s	15	4	SG on pile.	
				*	*		18/03
Big Annessex River							
23280	- LIGHT 1	38 03 10 N 75 52 10 W	FIG 2.5s	18	4	SG on pile.	Light equipment removed from Dec. 1 to Mar. 15.
		*				*	* 18/03
Daugherty Creek							
23360	- LIGHT 1	38 02 15 N 75 50 33 W	FIW 4s	19	4	SG on pile.	Light equipment removed from Dec. 1 to Mar. 15.
		*				*	18/03
23390	- LIGHT 4		QR	15	4	TR on pile.	Light equipment removed from Dec. 1 to Mar. 15.
						*	18/03
St. Peters Creek							
23435	- ENTRANCE LIGHT 1	38 08 29 N 75 49 53 W	FIG 4s	15	5	SG on multi-pile structure.	Light equipment removed from Dec. 1 to Mar. 15.
							18/03
24095	- LIGHT 18	38 23 12 N 75 50 16 W	FIR 4s	15	4	TR on pile.	Light equipment removed when endangered by ice.
				*			18/03
24100	- LIGHT 20	38 24 14 N 75 50 57 W	FIR 4s	15	3	TR on pile.	Light equipment removed when endangered by ice.
					*		18/03
24150	- LIGHT 35	38 30 14 N 75 46 51 W	FIG 4s	15	4	SG on pile.	Light equipment removed when endangered by ice.
						*	18/03
24190	- LIGHT 48		FIR 4s	15	4	TR on pile.	
	*						18/03
24195	- LIGHT 50		FIR 4s	16	4	TR on pile.	
	*						18/03

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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
24295	- LIGHT 56		F I R 4s	15	3	TR on pile.	18/03
						*	
24325	- LIGHT 63		F I G 4s	15	3	SG on pile.	18/03
	*					*	
24330	- LIGHT 65		Q G	15	3	SG on pile.	18/03
	*						
24335	- CHANNEL LIGHT 66		F I R 4s	15	4	TR on pile.	18/03
24340	- Daybeacon 67					SG on pile.	18/03
	*						
24345	- LIGHT 68		F I R 4s	15	3	TR on pile.	18/03
	*						
24350	- Daybeacon 70					TR on pile.	18/03
	*						
Tedious Creek							
24380	- LIGHT 1		F I G 4s	15	4	SG on multi-pile structure.	18/03
						*	
24440	- CHANNEL LIGHT 5		F I G 4s	15	4	SG on multi-pile structure.	18/03
						*	
Honga River							
24450	- LIGHT 1 On point of shoal.	38 13 57 N 76 06 38 W	F I G 4s	16	4	SG on multi-pile structure.	18/03
		*					
24475	HEARNS COVE CHANNEL LIGHT 7		F I G 4s	15	4	SG on multi-pile structure.	18/03
						*	
24935	- CHANNEL LIGHT 16	38 38 01 N 76 09 38 W	F I R 4s	15	4	TR on multi-pile structure.	18/03
		*					
30795	- Channel Lighted Buoy 52 50 feet outside channel limit.		F I R 4s		4	Red.	18/03
	*						
30815	- Channel Lighted Buoy 55 50 feet outside channel limit.		F I G 4s		4	Green.	18/03

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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
775	Hillsboro Inlet Light	26 15 33 N 80 04 51 W	FI W 20s	136	28	Octagonal pyramidal iron skeleton tower with central stair cylinder, lower third of structure white, upper two-thirds black.	Obscured from 015° to 186°.
			*				18/03
1325 21430	VENICE INLET LIGHT 1	27 06 46 N 82 28 12 W	FI G 6s	20	6	SG on pile.	
						*	18/03
2755	- LOWER RANGE FRONT LIGHT	32 51 00 N 79 55 41 W	Q W	16			Lighted throughout 24 hours.
		*		*		*	* 18/03
2760	- LOWER RANGE REAR LIGHT 272 yards, 002.5° from front light.		Iso W 6s	33			Lighted throughout 24 hours.
	*			*		*	* 18/03
4960	- UPPER RANGE REAR LIGHT 159 yards, 212.6° from front light.		Iso R 6s	43			Visible 1.5° each side of rangeline. Lighted throughout 24 hours.
	*						18/03
5125	- OBSTRUCTION LIGHT	32 09 17 N 81 09 17 W	FI W 2.5s	15	5	NW on pile worded STRUCTURE.	
	*	*	*		*	*	* 18/03
DOBOY SOUND TO FERNANDINA (Chart 11502)							
St. Marys Approach							
6460 560	St Marys Approach Lighted Buoy STM	30 42 54 N 81 14 39 W	Mo (A) W		6	Red and white stripes with red spherical topmark.	
	*						18/03
6465	OBSTRUCTION LIGHT SOUTH	30 43 00 N 81 18 04 W	FI W 2.5S	47			Obstruction lights on NW and SE corners. HORN: Mo U (↔-) ev 30 sec. Sound signal operates continuously.
	*						* 18/03
6470	OBSTRUCTION LIGHT NORTH	30 43 33 N 81 19 41 W	FI W 4s	51			Obstruction lights located on NW and SE corners. HORN: Mo U (↔-) ev 30 sec. Sound signal operates continuously.
	*						* 18/03
6520	- Lighted Buoy 2		FI R 4s		3	Red.	
	*						18/03
6535	- Lighted Buoy 3		FI G 2.5s		3	Green.	
	*		*				18/03

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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
6540	- Lighted Buoy 4		F I R 2.5s		4	Red.	
	*						18/03
6545	- Lighted Buoy 13						<i>Remove from list.</i>
							* 18/03
CUMBERLAND SOUND - FERNANDINA HARBOR TO KINGS BAY (Chart 11503)							
St. Marys Entrance							
6550	- Lighted Buoy 6		F I R 4s		3	Red.	
	*						18/03
6555	- Lighted Buoy 7		F I G 4s		4	Green.	
	*		*			*	18/03
6560	- Lighted Buoy 8		F I R 4s		4	Red.	
	*		*			*	18/03
6565	- Lighted Buoy 9		F I G 6s		3	Green.	
	*						18/03
6570	- Lighted Buoy 10		F I R 2.5s		3	Red.	
	*						18/03
6575	- Lighted Buoy 11		F I G 2.5s		3	Green.	
	*		*			*	18/03
6580	- Lighted Buoy 12		F I R 4s		3	Red.	
	*		*			*	18/03
6585	- Lighted Buoy 13		F I G 4s		4	Green.	
	*						18/03
6590	- Lighted Buoy 14		F I R 6s		4	Red.	
	*						18/03
6595	- Lighted Buoy 15		F I G 6s		4	Green.	
	*						18/03
6600	- Lighted Bell Buoy 16		F I R 2.5s		3	Red.	
	*						18/03
6605	- Lighted Whistle Buoy 17		F I G 2.5s		3	Green.	
	*						18/03
6630	- Lighted Buoy 18		F I R 6s		4	Red.	
	*						18/03

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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
6635	- Lighted Buoy 19		FI G 6s		4	Green.	
	*						18/03
6650	- Lighted Buoy 20		QR		3	Red.	
	*						18/03
6655	- Lighted Buoy 21		QG		3	Green.	
	*						18/03
6665	- Turning Basin Lighted Buoy D		FI Y 2.5s		4	Yellow.	
	*						18/03
6675	- Turning Basin Lighted Buoy F		FI Y 2.5s		5	Yellow.	
	*						18/03
6700	- Lighted Buoy 22		QR		3	Red.	
	*						18/03
6705	- Lighted Buoy 23		FI G 2.5s		3	Green.	
	*						18/03
6710 37910	- Lighted Buoy 24		FI R 4s		4	Red with yellow square.	
	*						18/03
6715 37915	- Lighted Buoy 25		FI G 4s		4	Green with yellow square.	
	*						18/03
6725 37895	- Lighted Buoy 26		FI R 4s		4	Red with yellow square.	
	*						18/03
6730 37890	- Lighted Buoy 27		FI G 2.5s		3	Green with yellow triangle.	
	*						18/03
6755 37880	- Lighted Buoy 28		QR		3	Red with yellow square.	
	*						18/03
6770 37855	- Lighted Buoy 29		FI G 2.5s		4	Green with yellow triangle.	
	*						18/03
6775 37840	- Lighted Buoy 30		FI R 2.5s		4	Red with yellow square.	
	*						18/03

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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
Cumberland Sound							
6840 37835	- Lighted Buoy 31		FI G 4s		4	Green with yellow triangle.	
	*						18/03
6845 37830	- Lighted Buoy 32		Q R		3	Red with yellow square.	
	*						18/03
6865 37810	- Lighted Buoy 33		FI G 6s		4	Green with yellow triangle.	
	*						18/03
6870 37805	- Lighted Buoy 34		FI R 4s		3	Red with yellow square.	
	*						18/03
6875 37800	- Lighted Buoy 35		FI G 2.5s		3	Green with yellow triangle.	
	*						18/03
6895 37780	- Lighted Buoy 36		FI R 2.5s		4	Red with yellow square.	
	*						18/03
6915 37765	- Lighted Buoy 37		FI G 4s		4	Green with yellow triangle.	
	*						18/03
6920 37760	- Lighted Buoy 39		FI G 6s		4	Green with yellow triangle.	
	*						18/03
6925 37755	- Lighted Buoy 40		FI R 6s		3	Red with yellow square.	
	*						18/03
6930 37750	- Lighted Buoy 41		FI G 2.5s		4	Green with yellow triangle.	
	*						18/03
6955 37735	- Lighted Buoy 43		FI G 4s		3	Green with yellow triangle.	
	*						18/03
6985 37725	- LIGHT 44		FI R 4s	16	4	TR-TY on pile.	
	*						18/03
6990 37720	- Lighted Buoy 45		FI G 2.5s		4	Green with yellow triangle.	
	*						18/03

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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
6995	- LIGHT 46		Q R	16	3	TR on pile.	
	*						18/03
7000	- LIGHT 48		F I R 4s	16	4	TR on pile.	
	*						18/03
7005	- LIGHT 50		F I R 6s	16	4	TR on pile.	
	*						18/03
7010	- LIGHT 52		F I R 4s	16	3	TR on pile.	
	*						18/03
7015	- LIGHT 53		F I G 4s	16	4	SG on pile.	
	*						18/03
7020	- LIGHT 54		F I R 6s	16	4	TR on pile.	
	*						18/03
7025	- LIGHT 56		F I R 4s	16	3	TR on pile.	
	*						18/03
7030	- LIGHT 58		F I R 6s	16	4	TR on pile.	
	*						18/03
7035	- LIGHT 60		F I R 2.5s	16	3	TR on pile.	
	*						18/03
7040	- LIGHT 62		F I R 4s	16	3	TR on pile.	
	*						18/03
Venice Inlet							
21430 1325	- LIGHT 1	27 06 46 N 82 28 12 W	F I G 6s	20	6	SG on pile.	
						*	18/03

SUMMARY OF 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
ST. JOSEPH AND ST. ANDREW BAYS (Chart 11389)							
130 2925	St. Joseph Bay Light	29 55 06 N 85 22 50 W	Iso W 6s	78	13	KRW on skeleton tower.	
		*					15/03

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SECTION II

SUMMARY OF 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
PENSACOLA BAY AND APPROACHES (Chart 11382)							
203	Texaco-VK-786A-A Racon	29 13 42 N 87 46 48 W		146		On Texaco Platform.	BAND: S,X. SIGN: Texaco-VK-786A-A. RACON: C(-•-•-). Private aid.
			*				* 11/03
220	Union-MO-916-2 RACON	30 05 42 N 87 53 00 W		58		On freestanding caisson.	BAND: S, X SIGN: UNION-MO-916-2. RACON: C(-•-•-). Private aid.
			*				* 11/03
255 4945	<i>Mobile Entrance Lighted Horn Buoy M</i>	30 07 30 N 88 04 06 W	Mo (A) W Fl W 2.5s		6	Red and white stripes with red spherical topmark.	Higher intensity flash tube: Fl W 2.5s. RACON: M(- - -). HORN: 1 blast ev 10s (1s bl).
			*				* 11/03
264.1	Amoco-VK-915-1 RACON	29 06 24 N 87 56 36 W				On Amoco Platform 1.	BAND: S, X Sign: AMOCO-VK-915-1. RACON: M(- - -). Private aid.
			*				* 11/03
277	Coastal-MO-959-A RACON	30 04 00 N 87 57 18 W		56		On Coastal Platform A.	BAND: S, X Sign: Coastal-MO-959-A. RACON: Q(- - - -). Private aid.
			*				* 11/03
310	Union-MO-904-1 RACON	30 05 06 N 88 29 48 W		60		On Union Platform A.	BAND: S, X SIGN: UNION-MO-904-1. RACON: Q(- - - -). Private aid.
			*				* 11/03
328	<i>NOAA Lighted Buoy 420TP</i>						<i>Remove from list.</i>
							* 10/03
* 414	Ocean Energy Lighted Mooring Buoy A	29 07 02 N 88 51 30 W	Q W			White with Blue Bands.	Private Aid.
							14/03
415	<i>Shell Lighted Mooring Buoy A</i>						<i>Remove from list.</i>
							* 14/03
460 12630	Southwest Pass Entrance RACON	28 50 00 N 89 27 12 W		73		On Texaco Platform A.	RACON: T (-).
			*				12/03
515	<i>Continental 104-29 Lighted Buoy</i> Marks subsea installation.						<i>Remove from list.</i>
							* 10/03

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SECTION II

SUMMARY OF 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
520	<i>Continental 104-27 Lighted Buoy</i> Marks subsea installation.						<i>Remove from list.</i> * 10/03
640	MARATHON-SP-86-C RACON	28 43 06 N 89 23 36 W		148		On Marathon Platform C.	BAND: S, X SIGN: MOC-SP-86-C. RACON: M(-.-). Private aid. * 13/03
670	<i>TENNECO 154-3 Lighted Horn Buoy</i> Marks subsea installation. *	28 35 48 N 90 28 18 W	Q W			Red.	SIGN: TOC-ST-147-2. HORN: 1 blast ev 20s (2s bl). Private aid. * 13/03
715	<i>Murphy-SS-119-22 Lighted Buoy</i>						<i>Remove from list.</i> * 14/03
730	Mobil-GC-18A RACON	27 56 36 N 91 01 48 W		116		On Mobil Platform A.	BAND: S, X SIGN: MO-GC-18-A. RACON: G(--•). Private aid. * 13/03
760 17705	OYSTER BAYOU LIGHT	29 12 54 N 91 07 43 W	FI W 6s	30	6	NB on skeleton tower on piles.	Ra ref. * 13/03
810 18030	Point Au Fer Reef Light	29 22 18 N 91 23 06 W	FI W 5s	44	13	SG on skeleton tower on platform. Colocated with Atchafalaya Channel Light 33. *	HORN: 1 blast ev 10s (1s bl). Operates continuously from Nov. 1 to Apr. 30 13/03
* 813	<i>Forest-112-23 Lighted Buoy</i> Marks subsea installation.	28 10 47 N 91 28 57 W	Q G			Green.	SIGN: FOC-EI-342-A. Private aid. 4/03
825	Texaco-GC-6-A RACON	27 56 48 N 91 38 48 W		35		On Texaco Platform A.	BAND: S, X SIGN: TI-GC-6-A. RACON: X(-••-). Private aid. * 13/03
* 850	<i>Devon-112-20 Lighted Buoy</i> Marks subsea installation.	28 49 05 N 91 50 40 W	Q R			Red.	SIGN: DEVON-EI-177-2. Private aid. 5/03
870	<i>Dixilyn 103-2 Lighted Horn Buoy</i> Marks subsea installation.						<i>Remove from list.</i> * 10/03

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SECTION II

SUMMARY OF 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
875	<i>Dixilyn 103-1 Lighted Horn Buoy</i> Marks subsea installation.						<i>Remove from list.</i>
							* 10/03
*930	Mariner 103-1 Lighted Buoy Marks subsea installation.		Q R			Red.	SIGN: Mariner-VR-144-1. Private aid.
							16/03
930	Mariner 103-1 Lighted Buoy Marks subsea installation.	28 58 43 N 92 31 02 W	Q R			Red.	SIGN: Mariner-VR-144-1. Private aid.
		*					17/03
	*Delete Heading: *MISSISSIPPI RIVER TO GALVESTON (Chart 11340)						
950	<i>McMORAN 130-13 Lighted Buoy</i> Marks subsea installation.	28 55 54 N 92 34 36 W	Q R			Red.	SIGN: MOXY-VR-160-1. Private aid.
							17/03
952	Samedan-EC-332-A RACON	28 09 48 N 92 51 42 W				On Samedan Platform A.	BAND: S, X SIGN: SD-EC-332-A. RACON: G(- - •) Private aid.
			*				* 13/03
954	Samedan-EC-320 RACON	28 12 48 N 92 50 54 W				On Samedan Platform A.	BAND: S, X SIGN: SD-EC-320-A. RACON: Y(- • - -) Private aid.
			*				* 13/03
965	Galveston-Sabine-Calcasieu Fairway Junction RACON	28 18 06 N 92 58 54 W				On Consolidated Natural Gas (CNG) Platform 299-A.	RACON: C(- • - •). Private aid.
			*				13/03
980	Texaco-GB-189-A RACON	27 46 42 N 93 18 30 W		114		On Texaco Platform A.	BAND: S, X SIGN: TEXACO-GB-189-A. RACON: X(- • • -) Private aid.
			*				* 13/03
1023	Coastal-WC-504-B RACON	28 27 00 N 93 13 12 W		75		On Coastal Platform B.	BAND: S,X SIGN: COCG-WC-504-B. RACON: B(- • • •) Private aid.
			*				* 13/03
1065 21310	<i>Sabine Bank Channel Lighted Whistle Buoy SB</i>	29 25 00 N 93 40 00 W	Mo (A) W Fl W 2.5s		6	Red and white stripes with red spherical topmark.	RACON: K(- • - •). High intensity flash tube: Fl W 2.5s.
							* 14/03
1075	OLD SABINE BANK LIGHT	29 28 18 N 93 43 24 W	Q W	30	5	Red conical tower on cylindrical caisson.	Shows 2 quick flashing obstruction lights.
	*						14/03

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SECTION II

SUMMARY OF 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
1080 21450	Sabine Pass East Jetty Light	29 38 41 N 93 49 22 W	FI W 5s	42	11	Cylindrical tower on piles.	HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s si). Continuously from Nov. 1 to Apr. 30.
		*			*	*	* 14/03
1145	<i>NOAA Lighted Buoy 42035 (ODAS)</i>	29 14 47 N 94 24 30 W	FI (4) Y 20s	33	3	Yellow disc buoy with mast.	
		*					16/03
*1200	Texas Artificial Fishing Reef Lighted Buoy	28 53 32 N 94 41 45 W	FI Y 6s			Yellow.	SIGN: FR-TX-41 Private Aid.
							14/03
*1203	Texas Artificial Fishing Reef Lighted Buoy	28 52 05 N 94 41 55 W	FI Y 6s			Yellow.	SIGN: FR-TX-42 Private aid.
							14/03
1295 25780	COLORADO RIVER WEST JETTY ENTRANCE LIGHT 1	28 35 28 N 95 59 04 W	FI G 2.5s	17	4	SG on skeleton tower.	
		*		*	*		13/03
1320	<i>OXY USA 108-5 Lighted Horn Buoy</i> Marks subsea installation.						<i>Remove from list.</i>
							* 10/03
*1354	<i>Denbury-101-1&2 Lighted Buoy</i> Marks subsea installation.	27 11 11 N 96 48 20 W	Q R			Red.	SIGN: DENBURY-NPI-A9-1&2 Private aid.
							9/03
1480	- LIGHT 11		FI G 4s	16	4	SG on dolphin.	
					*		13/03
2085	- LIGHT 8		FI R 2.5s	15	3	TR on dolphin.	
				*			10/03
2140	- LIGHT 23		FI G 2.5s	17	3	SG on dolphin.	
				*			14/03
APALACHEE BAY (Chart 11405)							
2170	OCHLOCKONEE BAY LIGHT OB	29 56 00 N 84 18 00 W	FI G 4s	17	4	SG on dolphin.	
				*			13/03
2358	DOG ISLAND LIGHT 8		FI R 6s	17	5	TR on pile.	Ra ref.
					*		13/03
2360	- North Spoil Daybeacon	29 49 32 N 84 39 07 W				NG on pile.	
		*				*	14/03

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SUMMARY OF 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
2365	- Middle Spoil Daybeacon					NR on pile.	
						*	14/03
2800	- East End Daybeacon 17	29 42 47 N 84 59 51 W				SG on pile.	NW also on pile worded CAUTION MANATEE
		*					4/03
2865	- LIGHT 12	29 36 18 N 85 02 06 W	FI R 4s	17	5	TR on pile.	
				*	*		13/03
2925 130	St. Joseph Bay Light (Range Rear) 2,930 yards, 062.1° from front light.	29 55 06 N 85 22 50 W	Iso W 6s	78		KRW on skeleton tower.	
		*					15/03
Section Base Channel							
3405	- RANGE FRONT LIGHT	30 10 12 N 85 45 21 W	Q G	20		KRW on skeleton tower.	Visible all around; higher intensity on rangeline.
		*		*		*	10/03
3525	- LIGHT 5	30 14 42 N 85 41 30 W	FI G 4s	17	4	SG on pile.	
					*		13/03
3930	CAUCUS CHANNEL RANGE FRONT LIGHT	30 19 54 N 87 18 54 W	Q G Q G	34 36	3	KRW on skeleton tower on piles.	Visible all around, higher intensity on range line.
			*	*	*		13/03
4080 31575	- NAVY RANGE REAR LIGHT 300 yards, 273.5° from front light.		Iso G 6s	58		On skeleton tower on piles.	Visible 2° each side of rangeline.
						*	9/03
PENSACOLA BAY (Chart 11383)							
Pensacola Bay							
4175	- RANGE FRONT LIGHT	30 24 26 N 87 11 36 W	FI W 2.5s (Day) FI G 2.5s (Night) FI G 2.5s	15 18 21	4	On skeleton tower on piles.	DAY: Visible 2° each side of range line. NIGHT: Visible all around, higher intensity 2° each side of range line.
			*	*	*		14/03
4390	- Buoy 11	30 24 12 N 87 15 04 W				Green can.	
		*					14/03

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Mobile Bay							
4945 255	Mobile Entrance Lighted Horn Buoy M	30 07 30 N 88 04 06 W	Mo (A) W FI W 2.5s		6	Red and white stripes with red spherical topmark.	Higher intensity flash tube: FI W 2.5s. RACON: M (- -). HORN: 1 blast ev 10s (1s bl).
			*				* 11/03
Mobile Bay							
4945 255	Mobile Entrance Lighted Horn Buoy M	30 07 30 N 88 04 06 W	Mo (A) W FI W 2.5s		6	Red and white stripes with red spherical topmark.	Higher intensity flash tube: FI W 2.5s. RACON: M (- -). HORN: 1 blast ev 10s (1s bl). (1s bl).
							* 14/03
4950	MOBILE POINT RANGE FRONT LIGHT	30 12 18 N 88 02 03 W	F R	28		KRW on skeleton tower.	Visible 2° each side of range line.
		*				*	15/03
5070	MOBILE MIDDLE GROUND RANGE FRONT LIGHT	30 15 26 N 88 02 28 W	Q G	30		KRW on skeleton tower on piles.	Visible 2° each side of range line.
		*					13/03
5073	MOBILE MIDDLE GROUND RANGE FRONT PASSING LIGHT		Q W	15	5	On same structure as Mobile Middle Ground Range Front Light.	Obscured on range line, visible elsewhere.
			*				13/03
5077	MOBILE MIDDLE GROUND RANGE REAR PASSING LIGHT		FI W 4s	17	5	On same structure as Mobile Middle Ground Range Rear Light.	Obscured on range line, visible elsewhere.
			*				13/03
Mobile Channel							
5105	- LOWER REACH OUTER RANGE FRONT LIGHT	30 14 09 N 88 02 30 W	FI W 2.5s (Day) FI W 2.5s (Night) FI W 2.5s	22 20 24		Platform on pile.	DAY: Visible on range line only. NIGHT: Visible all around, higher intensity on range line.
			*	*			11/03
5225	- LIGHT 44 300 feet outside channel limit.	30 24 35 N 88 00 54 W	FI R 2.5s	17	4	TR on pile.	Ra ref.
		*					7/03
5235	- MIDDLE REACH OUTER RANGE REAR LIGHT 2,100 yards, 174.5° from front light.	30 25 41 N 88 00 35 W	Oc R 4s	67		KRW on skeleton tower on piles.	Visible 3° each side of range line.
		*					11/03
5237	- MIDDLE REACH OUTER RANGE REAR PASSING LIGHT		FI W 4s	12	5	On same structure as Mobile Channel Middle Reach Outer Range Rear Light.	
					*		11/03

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SUMMARY OF 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
5295 6200	THEODORE SHIP CHANNEL LIGHT 1	30 28 39 N 88 01 08 W	Q G	17	3	SG on pile.	Ra ref.
		*					10/03
5345	- LIGHT 63 200 feet outside channel limit.		FIG 4s	17	5	SG on pile.	Ra ref.
					*		14/03
5430	- MIDDLE REACH RANGE FRONT LIGHT	30 33 49 N 88 02 03 W	Q G	25		KRW on skeleton tower on piles.	
		*					15/03
5505	SPANISH RIVER LIGHT	30 46 16 N 88 01 23 W	FIR 2.5s	17	3	TR on pile.	Ra ref.
		*	*				10/03
5510	TWELVE MILE ISLAND LIGHT	30 47 06 N 88 00 40 W	FIR 2.5s	17	3	TR on dolphin.	Ra ref.
		*	*				10/03
MOBILE BAY (Chart 11376)							
Mobile Bay							
5770	WEEKS BAY ENTRANCE LIGHT 1	30 22 13 N 87 51 17 W	FIG 4s	30	5	SG on platform.	Ra ref.
		*					18/03
5775	MULLET POINT LIGHT 2	30 24 18 N 87 55 15 W	FIR 4s	30	5	TR on platform.	Ra ref.
		*		*			11/03
6120	- LIGHT 2	30 26 58 N 88 04 56 W	FIR 2.5s	17	4	TR on dolphin.	Ra ref.
		*					17/03
6140	- LIGHT 6	30 27 07 N 88 05 41 W	FIR 6s	17	4	TR on dolphin.	Ra ref.
		*					17/03
6215	- LIGHT 3		FIG 2.5s	17	4	SG on pile.	Ra ref.
	*		*	*	*	*	*
							5/03
6270	- Anchorage Daybeacon B	30 31 07 N 88 05 18 W				NY on pile.	Ra ref.
						*	13/03
6395	NAVAL STATION MOBILE LIGHT NS	30 31 28 N 88 05 17 W	FIW 6s	17	5	NG on pile.	Ra ref.
		*					11/03

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SUMMARY OF 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
6500	- LIGHT	30 34 00 N 88 04 24 W	Q W	30	5	NG on platform.	Ra ref.
					*		14/03
*6549	ARLINGTON CHANNEL OUTBOUND RANGEREAR LIGHT 338 yards, 109.1° from front light.		Iso W 6s	44	5		Visible all around; higher intensity on rangeline.
							5/03
6610	- RANGE FRONT LIGHT	30 39 00 N 88 03 30 W	Q R	33		KRW on skeleton tower on piles.	Visible all around; higher intensity on rangeline.
				*			14/03
6615	- RANGE REAR LIGHT 255 yards, 289.3° from front light.		Oc R 4s	55		KRW on skeleton tower.	Visible all around; higher intensity on rangeline.
				*		*	14/03
6646	- WRECK LIGHT WR8	30 18 53 N 88 20 28 W	Q W	17	3	NW on pile.	Ra ref.
	*						7/03
*6646	- WERECK LIGHT WR8	30 18 53 N 88 20 28 W	Q W	17	3	NW on pile.	Ra ref.
							5/03
*6646.01	- WRECK LIGHT WR6	30 20 35 N 88 20 56 W	FI W 4s	17	3	NW on pile.	Ra ref.
							5/03
6648	GRAND BATTURE LIGHT	30 15 34 N 88 25 40 W	FI W 4s	17	5	NB on pile.	Ra ref.
					*		14/03
7065	- RANGE B FRONT LIGHT	30 16 57 N 88 30 33 W	Q W	25 27	5	KRW on skeleton tower on piles.	Visible all around; higher intensity on range line.
				*	*		14/03
7075	- RANGE C FRONT LIGHT	30 20 42 N 88 34 18 W	FI W 2.5s(Day) FI R 2.5s(Night)	65 63		On skeleton tower on piles.	Lighted throughout 24 hours. Visible 2° each side of rangeline.
			*	*			14/03
DAUPHIN ISLAND TO DOG KEYS PASS (Chart 11374)							
7210	<i>Pascagoula River Obstruction Lighted Buoy 2</i> Marks outer end of submerged ways.					Red.	Private aid.
			*				13/03

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SUMMARY OF 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
7215	<i>Pascagoula River Obstruction Lighted Buoy 4</i> Marks outer end of submerged ways.		FIR 2.5s			Red.	Private aid.
			*				13/03
7270	- Daybeacon 8	30 23 54 N 88 34 40 W				TR on pile.	Ra ref.
		*					18/03
7365	- CHANNEL RANGE D FRONT LIGHT	30 16 26 N 88 30 47 W	Q W Q W	25	4	KRW on skeleton tower on piles.	Visible all around; higher intensity on rangeline.
			*		*		9/03
7442	- TURN BASIN LIGHT A	30 21 09 N 88 30 25 W	Q W	17	5	KRW on pile.	
		*			*		14/03
7575	- RANGE FRONT LIGHT	30 21 10 N 88 46 45 W	Q W	25		KRW on skeleton tower on piles.	
		*					16/03
*7942	PALACE CASINO MARINA ENTRANCE LIGHT 1	30 02 52 N 88 51 36 W	FIG 4s	7		SG on pile.	Private aid.
							5/03
*7943	PALACE CASINO MARINA ENTRANCE LIGHT 2	30 23 52 N 88 51 34 W	FIR 2.5s	7		TR on pile.	Private aid.
							5/03
MISSISSIPPI SOUND AND APPROACHES (Chart 11373)							
Gulfport Ship Channel							
8385 340	- Lighted Whistle Buoy GP	30 07 12 N 88 52 42 W	Mo (A) W		6	Red and white stripes with red spherical topmark.	RACON: C (- • - •). * align="right">14/03
8392 337	Ship Island Lighthouse		FI W 10s	76		Tapered white square with black cupola.	Private aid. * align="right">14/03
8485	MIDDLE REACH INBOUND RANGE FRONT LIGHT	30 15 58 N 89 00 26 W	Q W	25		KRW on skeleton tower on piles.	Visible 2° each side of range line. align="right">17/03
8506	SHIP ISLAND PASS RANGE FRONT LIGHT	30 12 06 N 89 00 00 W	Q W (Day) Q W (Night) Q W	39 37 40	5	Skeleton tower on piles.	Day: Visible 2° each side of range line. Night: Visible all around; higher intensity 2° each side of range line. * * * align="right">18/03
8595 32755	- LIGHT 41		FIG 2.5s	17	3	SG-SY on dolphin.	Ra ref. * align="right">14/03

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Gulfport Small Boat Harbor							
8745	- Buoy 1	30 20 45 N 89 04 53 W				Green can.	
		*					4/03
Gulfport Yacht Basin Channel							
8785	- LIGHT 2	30 21 38 N 89 04 56 W	Q R	17	4	TR on dolphin.	Higher intensity beam up channel toward Biloxi Channel Entrance and down Gulfport Channel.
		*					15/03
St. Louis Bay							
Bayou Portage Channel							
8975	- LIGHT 1	30 19 54 N 89 18 18 W	Q G	17	3	SG on pile.	Ra ref.
							* 5/03
9015	- LIGHT 13		Q G	17	3	SG on dolphin.	Ra ref.
							* 5/03
9060	- Daybeacon 9			16		SG on pile.	Ra ref.
				*			* 5/03
9079	SQUARE HANKERCHIEF SHOAL LIGHT SH	30 15 49 N 89 19 37 W	FI (2+1) G 6s	17	3	JG on pile.	
	*						7/03
9079	SQUARE HANKERCHIEF SHOAL LIGHT 1	30 15 49 N 89 19 37 W	FI (2+1) G 6s	17	3	JG on pile.	
			*			*	4/03
*9079.05	SQUARE HANKERCHIEF SHOAL LIGHT 2	30 16 02 N 89 18 56 W	FI R 2.5s	17	4	TR on pile.	
							4/03
9080	SQUARE HANDKERCHIEF SHOAL LIGHT 4	30 16 24 N 89 19 00 W	FI R 4s	17	4	TR on dolphin.	Ra ref.
	*						4/03
WAVELAND TO CATAHOULA BAY (Chart 11367)							
Bayou Caddy							
9100	- LIGHT 1	30 13 52 N 89 24 07 W	FI G 6s	17	4	SG on dolphin.	Ra ref.
		*					9/03
9300	Port Bienville Wreck Daybeacon WR	30 13 07 N 89 34 53 W				SG on pile.	Ra ref.
		*					17/03

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
LAKE BORGNE AND APPROACHES (Chart 11371)							
Lake Borgne							
9470	BAYOU BILOXI ENTRANCE LIGHT 1 1,000 yards, 341° from entrance.	30 00 24 N 89 33 36 W	FI G 4s	17	4	SG on dolphin.	Higher intensity beam toward Rigolets.
					*		14/03
Chef Menteur Pass							
9535	- LIGHT 2	30 02 13 N 89 45 49 W	FI R 4s	28	5	TR on skeleton tower.	
				*			14/03
9555 33105	- LIGHT 5	30 03 34 N 89 47 44 W	FI G 2.5s	25	4	SG-SY on pile.	
		*		*			14/03
The Rigolets							
9565	- LIGHT 2	30 09 40 N 89 39 07 W	FI R 6s	17	4	TR on dolphin.	Ra ref.
		*					13/03
9575	- LIGHT 4	30 10 01 N 89 43 00 W	FI R 4s	17	3	TR on dolphin.	Ra ref.
		*					9/03
Bayou Bonfouca Channel							
9740	- LEADING LIGHT	30 14 59 N 89 51 58 W	Iso W 6s	17	6	NB on dolphin.	Visible all around; higher intensity down channel.
				*			14/03
Bayou Bonfouca Channel							
9740	- LEADING LIGHT	30 14 59 N 89 51 58 W	Iso W 6s	15	6	NB on dolphin.	Visible all around; higher intensity down channel.
		*			*		10/03
9745	- LIGHT 2	30 13 06 N 89 51 58 W	FI R 4s	17	4	TR on dolphin.	
					*		14/03
Tchefuncta River							
10140	- RANGE FRONT LIGHT	30 22 43 N 90 10 10 W	Q W	17		KRW on dolphin.	Visible all around; higher intensity on rangeline.
		*		*			10/03
10440	- LIGHT 6	30 17 42 N 90 26 01 W	FI R 4s	17	4	TR on dolphin.	
		*			*		14/03

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10445	TICKFAW RIVER LIGHT 1	30 20 30 N 90 28 30 W	FI G 4s	25	4	SG on dolphin.	
					*		14/03
CHANDELEUR AND BRETON SOUNDS (Chart 11363)							
Chandeleur Sound							
10490 350	Chandeleur Light	30 02 48 N 88 52 42 W	FI W 6s	65	9	NB on a skeleton tower.	
	*						14/03
CHANDELEUR AND BRETON SOUNDS (Chart 11363)							
Mississippi River - Gulf Outlet							
10560 390	- Approach Lighted Horn Buoy NO	29 26 24 N 88 56 48 W	FI W 2.5s		6 9	Red and white stripes with red spherical topmark.	Mo (A) W RACON: N (- ·). High intensity flash tube: FI W 2.5s. HORN: 1 blast ev 10s (1s bl).
			*				* 14/03
CHANDELEUR AND BRETON SOUNDS (Chart 11363)							
Mississippi River - Gulf Outlet							
10560 390	- Approach Lighted Horn Buoy NO	29 26 24 N 88 56 48 W	Mo (A) W FI W 2.5s		6 9	Red and white stripes with red spherical topmark.	High intensity flash tube: FI W 2.5s. RACON: N (- ·). HORN: 1 blast ev 10s (1s bl).
			*				* 16/03
10680	- LIGHT 25	29 31 18 N 89 10 00 W	FI G 6s	17	4	SG on pile.	
				*			10/03
10745	- LIGHT 41 240 feet outside channel.	29 34 42 N 89 15 00 W	FI G 2.5s	17	4	SG on pile.	
					*		13/03
10765	- LIGHT 45	29 36 19 N 89 17 12 W	FI G 2.5s	17	4	SG on pile.	
		*		*			14/03
10805	- LIGHT 55	29 38 36 N 89 20 24 W	FI G 6s	20	4	SG on pile.	
				*			14/03
11005	- LIGHT 102		FI R 2.5s	17	4	TR on skeleton tower on piles.	
				*			10/03
11010	- LIGHT 103 150 feet outside channel limit.		Q G	17	4	SG on skeleton tower on piles.	
				*			10/03

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11015	- LIGHT 104		Q R	17	3	TR on skeleton tower on piles.	
				*	*		10/03
11150 33140	- LIGHT 130 150 feet outside channel limit.		FI R 2.5s	20	4	TR-TY on skeleton tower on piles.	
				*			10/03
12375	- LIGHT 5 50 feet outside channel limit.		FI G 4s	17	4	SG on pile.	Ra ref.
					*		14/03
12405	- Daybeacon 11 45 feet outside channel limit.	29 22 29 N 89 18 13 W				SG on pile.	
		*					13/03
12560 440	-West Jetty Range Front Light	28 59 24 N 89 08 24 W	F G	40		KRW on skeleton tower on piles.	Visible all around; higher intensity on rangeline. HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s si). Continuously from Nov. 1 to Apr. 30.
	*						* 14/03
12570	- LIGHT 5	28 59 37 N 89 08 30 W	FI G 2.5s	17	4	SG on piles.	
		*			*		11/03
12595	OLD GRAND BAYOU LIGHT 10		Iso R 6s	35	5	TR on skeleton tower on piles.	
				*			10/03
12625	- LIGHT 15	29 08 28 N 89 15 00 W	Iso G 6s	30	4	SG on skeleton tower on piles.	Visible from 180° to 360°.
		*			*		14/03
Southwest Pass							
12630 460	- Entrance RACON	28 50 00 N 89 27 12 W		73		On Texaco Platform A.	RACON: T (-).
			*				12/03
12640	- ENTRANCE RANGE FRONT LIGHT	28 54 34 N 89 25 55 W	F W	20		KRW on skeleton tower on piles.	Visible 2° each side of rangeline.
				*			15/03
12725	- LIGHT 5		Iso G 6s	43	6	SG on skeleton tower on piles.	
				*			10/03
12775	- LIGHT 16		Iso R 6s	40	5	TR on skeleton tower on piles.	
				*			14/03

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12780	- LIGHT 17		FI G 2.5s	40	5	SG on skeleton tower on piles.	
				*			14/03
12835	- LIGHT 22 200 feet outside channel limit.		Q R	40	5	TR on skeleton tower on piles.	
				*			14/03
12860	- LIGHT 26		Iso R 6s	45	4	TR on skeleton tower.	
					*	*	14/03
12870	- HEAD RANGE FRONT LIGHT	29 07 55 N 89 15 24 W	F W	35		KRW on skeleton tower on piles.	Visible 2° each side of rangeline.
		*		*			10/03
12870	- HEAD RANGE FRONT LIGHT	29 07 56 N 89 15 25 W	F W	35		KRW on skeleton tower on piles.	Visible 2° each side of rangeline.
		*					16/03
MISSISSIPPI RIVER DELTA (Chart 11361)							
Head of Passes to New Orleans							
<i>Designations left descending bank (LDB) and right descending bank (RDB) are as seen from a vessel going downstream. Mileage given indicates the number of miles above Head of Passes Junction Light.</i>							
12900	HEAD OF PASSES JUNCTION LIGHT		FI (2+1) R 6s	50	5	JR on skeleton tower on piles.	Higher intensity beam up river. HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s sj). Continuously from Nov. 1 to Apr. 30.
				*			10/03
12905	HEAD OF PASSES EAST JETTY LIGHT	29 09 06 N 89 14 59 W	Iso R 6s	45	6	TR on piles.	
		*		*	*		10/03
12910	CUBITS GAP RANGE FRONT LIGHT	29 10 00 N 89 15 13 W	Q G	21		KRW on skeleton tower on piles.	Visible 2° each side of rangeline.
		*		*			10/03
12995	SPENCES LIGHT 6A LDB mile 5.5.		FI R 6s	25	4	TR on skeleton tower.	Higher intensity beam up and down river.
				*			14/03
13050	ST. ANNE LIGHT 18 LDB mile 18.0.		FI R 4s	30	6	TR on skeleton tower on piles.	
				*			14/03
13065	FORT JACKSON LIGHT 19 RDB mile 19.2.		Iso G 6s		7	SG on skeleton tower on piles.	
					*		14/03
13075	HARVEY LIGHT 20A LDB mile 20.5.		FI R 4s		6	TR on skeleton tower on piles.	
					*		14/03

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SECTION II

SUMMARY OF 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
13085	BAYOU GRAND LIARD LIGHT 21A RDB mile 21.9		FI G 2.5s		6	SG on skeleton tower on piles.	Higher intensity beam up and down river.
					*		14/03
13140	POINT PLEASANT LOWER LIGHT 30 LDB mile 30.4.		Iso R 6s		5	TR on skeleton tower on piles.	Higher intensity beam up and down river.
					*		14/03
13175	HARRIS BAYOU LIGHT 34 LDB mile 34.3.		Iso R 6s		6	TR on skeleton tower on piles.	
					*		14/03
13225	SOCOLA LIGHT 45 RDB mile 44.8.		Iso G 6s		7	SG on skeleton tower on piles.	
					*		14/03
13470	ENGLISH TURN BEND LIGHT 79 RDB Mile 78.0.		Iso G 6s		5	SG on skeleton tower.	
					*	*	13/03
Inner Harbor Navigation Canal							
13605 33170	- LIGHT 1		FI G 2.5s	30	5	SG-TY on skeleton tower.	
					*		14/03
13713	SIX MILE POINT LIGHT 102 LDB Mile 101.4.		Q R	25	3	TR on tower.	
				*	*		14/03
14065	LUCY LIGHT 135 RDB mile 134.9.		Iso G 6s		7	SG on skeleton tower.	
					*		13/03
14095	OLEANDER LIGHT 138 LDB mile 137.0.		Q R		5	TR on skeleton tower on piles.	
					*		14/03
14445	WADE HAMPTON LIGHT 173 RDB mile 172.0.	30 07 44 N 90 56 31 W	Iso G 6s	17	5	SG on skeleton tower.	
		*		*		*	11/03
14445	WADE HAMPTON LIGHT 173 RDB mile 172.0.	30 07 44 N 90 56 31 W	Iso G 6s	17	4	SG on skeleton tower.	
					*		14/03
14505	EVAN HALL LIGHT 177 RDB Mile 177.9.		Iso G 6s		5	SG on skeleton tower.	
					*	*	13/03

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SUMMARY OF 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
14575	ALHAMBRA RANGE D FRONT LIGHT LDB mile 189.4.	30 12 44 N 91 05 49 W	F R			KRW on skeleton tower on piles.	Visible all around; higher intensity on rangeline. Lighted throughout 24 hours.
		*				*	16/03
MISSISSIPPI RIVER DELTA (Chart 11361)							
Tiger Pass							
14935	- LIGHT 1 75 feet outside channel limit.		FIG 4s	15	4	SG on pile.	
				*	*		14/03
15035	- Daybeacon 26	29 09 24 N 89 23 24 W				TR on pile.	Ra ref.
							* 12/03
15880	- LIGHT 39	29 28 00 N 90 00 00 W	Q G	17	3	SG on pile.	Ra ref.
					*		13/03
*Add Heading: *Bayou Dupont Canal Weir							
*15977	- LIGHT 2	29 38 34 N 90 05 45 W	Q R	9		TR on pile clusters.	Private aid.
							5/03
*15977.0 1	- Daybeacon 1			9		SG on pile clusters.	Private aid.
							5/03
*15977.0 2	- Danger Daybeacons (2)			9		NW on pile worded DANGER OBSTRUCTION DO NOT PROCEED.	Private aids.
							5/03
*15977.0 3	- Danger Daybeacons (3)			9		NW on pile worded DANGER OBSTRUCTION DO NOT PROCEED.	Private aids.
							5/03
*15977.0 4	- LIGHT 4		Q R	9		TR on pile cluster.	Private aid.
							5/03
*15977.0 5	- Light 3	29 38 35 N 90 05 43 W	Q G	9		SG on pile cluster.	Private aid.
							5/03
*Add Heading: *Dupre Cut							
15980	- LIGHT 10		FIR 2.5s	17	4	TR on pile.	Ra ref.
							5/03

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SECTION II

SUMMARY OF 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
BARATARIA BAY AND APPROACHES (Chart 11358)							
Barataria Bay							
St. Denis Approach							
15995	-LIGHT 2	29 41 31 N 90 05 32 W				TR on pile cluster.	Private aid.
	*	*				*	7/03
*Add Headings: *BARATARIA AND BAYOU LAFOURCHE WATERWAYS (Chart 11365) *Barataria Waterway *Goose Bayou Weir							
*15995.0 1	- LIGHT 1		Q G	9		SG on pile cluster.	Private aid.
							5/03
*15995.0 2	- Danger Daybeacons (2)			9		NW on piles worded DANGER OBSTRUCTION PROCEED WITH CAUTION.	Private aids.
							5/03
*15995.0 3	- Danger Daybeacons (4)			9		NW on pile worded DANGER OBSTRUCTION DO NOT PROCEED.	Private aids.
							5/03
*15995.0 4	- LIGHT 4		Q R	9		TR on pile cluster.	Private aid.
							5/03
*15995.0 5	- LIGHT 3	29 41 31 N 90 05 30 W	Q G	9		SG on pile cluster.	Private aid.
							5/03
16515 635	- Entrance Lighted Bell Buoy 2	29 04 16 N 90 16 40 W	Q R		3	Red.	
		*					5/03
16520	- RANGE FRONT LIGHT	29 05 57 N 90 13 23 W	Q G	18		KRW on platform.	
				*			14/03
16525	- RANGE REAR LIGHT 2,997 yards, 012.2° from front light.		Oc G 4s	67		KRW on platform.	
		*		*			13/03
16540	- WEST JETTY LIGHT 3	29 04 46 N 90 13 46 W	FI G 2.5s	17	3	SG on pile.	Ra ref.
				*	*		13/03
16699	- Junction Lighted Buoy TB		FI (2+1) R 6s		4	Red and green bands.	
			*				14/03

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SUMMARY OF 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
17200	- RANGE A FRONT LIGHT	29 11 26 N 90 36 43 W	Q W	25		KRW on piles.	
		*				*	15/03
TIMBALIER AND TERREBONNE BAYS (Chart 11357)							
Lake Pelto							
17350	CALIFORNIA CANAL ENTRANCE LIGHT C	29 03 39 N 90 42 18 W	FI W 6s	17	4	NG on piles.	Ra ref.
				*			14/03
TIMBALIER AND TERREBONNE BAYS (Chart 11357)							
Lake Pelto							
17350	CALIFORNIA CANAL ENTRANCE LIGHT C	29 03 39 N 90 42 18 W	FI W 6s	10	4	NG on piles.	Ra ref.
		*					10/03
*17540	- Buoy 28					Red nun.	10/03
17705 760	OYSTER BAYOU LIGHT	29 12 54 N 91 07 43 W	FI W 6s	30	6	NB on skeleton tower on piles.	Ra ref.
				*			13/03
17705 760	OYSTER BAYOU LIGHT	29 12 54 N 91 07 43 W	FI W 6s	30	6	NB on skeleton tower on piles.	Ra ref.
							14/03
17720	COASTAL STUDIES INSTRUMENT PLATFORM FLB-3 LIGHT						<i>Remove from list.</i>
							* 4/03
18030 810	Point Au Fer Reef Light	29 22 18 N 91 23 06 W	FI W 5s	44	13	SG on skeleton tower on platform. Collocated with Atchafalaya Channel Light 33.	HORN: 1 blast ev 10s (1s bl). Operates continuously from Nov. 1 to Apr. 30.
						*	* 14/03
18075	- LIGHT 41 125 feet outside channel limit.	29 25 06 N 91 20 36 W	FI G 4s	17	4	SG on pile.	Ra ref.
					*		13/03
MORGAN CITY TO PORT ALLEN (Chart 11354)							
Atchafalaya River							
18440 33580	LITTLE WAX BAYOU JUNCTION LIGHT A	29 39 36 N 91 14 30 W	FI (2+1) G 6s	30	5	JG-TY on dolphin.	
					*		13/03
18445 33555	BERWICK BAY RANGE A FRONT LIGHT	29 41 10 N 91 12 36 W	Q W	19		KRW on skeleton tower on piles.	Visible from 054.6° to 215.6°.
		*					15/03

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SUMMARY OF 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
19480	- LIGHT 5	29 33 42 N 92 03 24 W	FI G 6s	17	4	SG on pile.	Ra ref.
					*	*	13/03
	Vermilion Bay						
	Vermilion Bay Cutoff Channel						
	<i>Lights and daybeacons 50 feet outside channel limits.</i>						
19520	- JUNCTION LIGHT A	29 37 08 N 92 00 14 W	FI (2+1) R 6s	17	4	JR on pile.	Ra ref.
		*			*		14/03
19565	- LIGHT 16		FI R 4s	17	4	TR on pile.	Ra ref.
					*		9/03
19575	- LIGHT 18		FI R 2.5s	17	3	TR on pile.	Ra ref.
					*		14/03
	Vermilion Bay Channel						
19595	- LIGHT 1	29 38 00 N 91 59 06 W	FI G 2.5s	17	4	SG on pile.	Ra ref.
					*		14/03
19825	- LIGHT 4		FI R 4s	17	4	TR on skeleton tower on piles.	
				*	*		14/03
20000	- LIGHT 14		Q R	17	3	TR on pile.	Ra ref.
							15/03
20050	- EAST JETTY LIGHT 6	29 43 18 N 93 00 30 W	FI R 2.5s	21	3	TR on pile.	
				*			14/03
20060	- LIGHT 8	29 43 35 N 93 00 34 W	FI R 6s	15	4	TR on dolphin.	
		*					15/03
20085	- RANGE FRONT LIGHT	29 45 16 N 93 00 36 W	Q R	17		On pile.	Visible all around; higher intensity on rangeline.
		*					17/03
20090	- RANGE REAR LIGHT 450 yards, 000.7° from front light.		Iso R 6s	37		On skeleton tower.	Visible 2° each side of rangeline.
				*		*	14/03
20224	MERMENTAU WRECK LIGHT WR1	29 58 27 N 92 48 06 W	Q G	17	2	SG on pile.	
		*					14/03

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SUMMARY OF 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
20900 33760	- LIGHT 92	30 05 22 N 93 19 25 W	FI R 2.5s	17	4	TR-SY on pile.	
		*					14/03
20925 33755	- RANGE REAR LIGHT 229 yards, 225.3° from front light.		Iso W 6s	40		KRW-1 on skeleton tower.	Visible all around.
				*		*	14/03
Calcasieu River							
20940	- LEADING LIGHT A	30 06 34 N 93 20 05 W	Iso W 6s	25		NB on skeleton tower on piles.	Visible all around; higher intensity on bearing 182°30'.
		*				*	17/03
20975	- RANGE E FRONT LIGHT	30 07 37 N 93 19 44 W	Q W	38		KRW on skeleton tower on piles.	Visible all around; higher intensity on rangeline.
		*					16/03
21130	- Daybeacon 12	30 13 16 N 93 16 41 W				TR on pile.	
		*					10/03
CALCASIEU PASS TO SABINE PASS (Chart 11341)							
Sabine Bank Channel							
21310 1065	- Lighted Whistle Buoy SB	29 25 00 N 93 40 00 W	Mo (A) W FI W 2.5s		6 6	Red and white stripes with red spherical topmark.	RACON: K (- • -). High intensity flash tube: FI W 2.5s.
			*				* 14/03
21420	SABINE PASS OUTER RANGE A FRONT LIGHT	29 39 19 N 93 49 51 W	Q G	36		KRW on skeleton tower on piles.	Visible 2° each side of rangeline.
		*					17/03
Sabine Pass							
21450 1080	- East Jetty Light	29 38 41 N 93 49 22 W	FI W 5s	42	13	Cylindrical tower on piles.	HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s sj). Continuously from Nov. 1 to Apr. 30.
		*				*	* 14/03
21485	- JETTY RANGE B FRONT LIGHT	29 41 37 N 93 50 18 W	Q R	30		KRW on skeleton tower on piles.	Visible 2° each side of rangeline.
		*					17/03
21590	- LIGHT 37	29 44 00 N 93 52 22 W	Q G	17	5	SG on pile.	
		*					10/03
21590	- LIGHT 37	29 44 00 N 93 52 22 W	Q G	17	4	SG on pile.	
					*		14/03

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SUMMARY OF 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
21785	- LIGHT 43		FI G 2.5s	17	6	SG on pile.	
					*		14/03
21790	- LIGHT 45	29 46 48 N 93 56 42 W	Q G	30	4	SG on skeleton tower on piles. Same structure as Port Arthur Canal Range F Front Light.	
				*			14/03
21875 34040	- LIGHT 52A	29 51 36 N 93 56 12 W	FI R 2.5s	17	4	TR-SY on pile.	Ra ref.
					*		14/03
21920 34000	- RANGE K REAR LIGHT 535 yards, 200° from front light.		Iso W 6s	45		KRW on skeleton tower.	Visible 2° each side of rangeline.
				*		*	14/03
21965 33960	- LIGHT 66		FI R 2.5s	17	4	TR-SY on pile.	
					*		14/03
22050 33870	- RANGE O FRONT LIGHT	29 59 31 N 93 47 02 W	Q R	22		KRW on skeleton tower.	For eastbound traffic. Visible 2° each side of rangeline.
		*		*		*	14/03
22090 33835	- LIGHT 8		FI R 2.5s	17	4	TR-SY on skeleton tower on piles.	
				*			14/03
22125 33795	- RANGE Q FRONT LIGHT	30 02 22 N 93 44 18 W	Q W	25		KRW on skeleton tower on piles.	Visible all around; higher intensity on rangeline.
		*					17/03
Sabine River							
22155 33785	- LIGHT 20		FI R 2.5s	17	4	TR-SY on pile.	
					*		14/03
22445	- LIGHT 40		FI R 4s	17	4	TR on pile.	
					*		14/03
22450	- LIGHT 42		Q R	35	4	TR on pile.	
				*			14/03
22660	- ENTRANCE CHANNEL RANGE B FRONT LIGHT	29 21 18 N 94 45 48 W	Q G Q G	35 37	3	KRW on skeleton tower on piles.	Visible all around; higher intensity on rangeline.
			*	*	*		13/03
22730	GALVESTON NORTH JETTY LIGHT WR2 Marks derelict wreck.	29 21 51 N 94 44 39 W	Q R	17	3	TR on pile.	
		*					9/03

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22795 34405	- LIGHT 3	29 19 47 N 94 46 29 W	FI G 2.5s	17	4	SG-SY on dolphin.	Ra ref.
		*		*			14/03
22850	- ENTRANCE INNER RANGE FRONT LIGHT	29 22 40 N 94 48 43 W	Q G	25		KRW on skeleton tower on piles.	Visible all around; higher intensity on rangeline.
			Q G	27	4		
			*	*	*		* 4/03
23040	UPPER GALVESTON BAY OUTER RANGE FRONT LIGHT	29 28 55 N 94 51 24 W	Q G	35		KRW on skeleton tower on piles.	Visible 2° each side of rangeline.
		*					15/03
23045	UPPER GALVESTON BAY OUTER RANGE REAR LIGHT 1,492 yards, 146° from front light.	29 41 11 N 94 58 54 W	Iso G 6s	65		KRW on skeleton tower on piles.	Visible 2° each side of rangeline.
		*					15/03
23130	- LIGHT 61	29 32 24 N 94 54 10 W	FI G 2.5s	17	4	SG on pile.	
		*					12/03
23135	- LIGHT 62	29 32 29 N 94 54 02 W	FIR 2.5s	17	4	TR on pile.	Ra ref.
		*					12/03
	*Add Heading: *South Boater Cut						
*23136	- LIGHT 1 50 feet outside channel limit.	29 32 35 N 94 53 12 W	FI G 4s	17	3	SG on pile.	Ra ref.
							12/03
*23136.3	- Daybeacon 3 50 feet outside channel limit.					SG on pile.	Ra ref.
							12/03
*23136.4	- Daybeacon 4 50 feet outside channel limit.					TR on pile.	Ra ref.
							12/03
*23136.5	- Daybeacon 5 50 feet outside channel limit.	29 32 24 N 94 54 39 W				SG on pile.	Ra ref.
							12/03
*23136.6	- Daybeacon 6 50 feet outside channel limit.					TR on pile.	Ra ref.
							12/03
*23136.8	- LIGHT 8 50 feet outside channel limit.	29 32 25 N 94 55 05 W	FIR 4s	15	3	TR on pile.	Ra ref.
							12/03

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*Add Heading: *Houston Ship Channel							
23145	- LIGHT 63 120 feet outside channel limit.		FI G 4s	17	4	SG on pile.	12/03
23210	- LIGHT 76		Q R	17	4	TR on pile.	Ra ref. 14/03
Bayport Ship Channel							
23230	- OUTER RANGE FRONT LIGHT	29 36 52 N 94 57 07 W	Q G	25		KRW on skeleton tower on piles.	Visible 2° each side of rangeline. 16/03
23335	- LIGHT 86 150 feet outside channel limit.	*	FI R 6s	17	4	TR on dolphin.	Ra ref. 14/03
*Delete Heading: *Atkinson Island Cut							
23337	- Buoy 1						<i>Remove from list.</i> * 14/03
23337.2	- Buoy 2						<i>Remove from list.</i> * 14/03
23337.4	- Buoy 3						<i>Remove from list.</i> * 14/03
23337.6	- Buoy 4						<i>Remove from list.</i> * 14/03
23337.8	- Buoy 5						<i>Remove from list.</i> * 14/03
23338	- Buoy 7						<i>Remove from list.</i> * 14/03
23338.2	- Buoy 9						<i>Remove from list.</i> * 14/03
23338.4	- Buoy 10						<i>Remove from list.</i> * 14/03
23338.6	- Buoy 11						<i>Remove from list.</i> * 14/03

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23338.8	- Buoy 12						<i>Remove from list.</i>
							* 14/03
23339	- Buoy 13						<i>Remove from list.</i>
							* 14/03
23360	MORGANS POINT APPROACH INNER RANGE REAR LIGHT 265 yards, 341.2° from front light.		Iso G 6s	65		KRW on skeleton tower.	Visible 2° each side of rangeline.
				*		*	14/03
23375	- LIGHT 91	29 40 58 N 94 58 59 W	FI G 2.5s	17	3	SG on dolphin.	Ra ref.
					*		14/03
23385	BARBOURS CUT CROSSING RANGE REAR LIGHT 223 yards, 146.8° from front light.		Iso R 6s	50		KRW on skeleton tower.	Visible 2° each side of rangeline.
				*		*	14/03
23445	- LIGHT 23	29 40 41 N 94 56 27 W	FI G 4s	17	4	SG on pile.	
		*					16/03
23750	- Daybeacon 22					TR on pile.	Private aid.
							16/03
*23987	- LIGHT 105 100 yards outside the channel limit.	29 42 30 N 95 01 17 W	FI G 4s	17	4	SG on pile.	RA ref.
							14/03
24040	BAYTOWN BEND LIGHT 113	29 43 29 N 95 01 27 W	FI G 4s	17	4	SG on pile.	
				*			11/03
24055	BAYTOWN BEND RANGE FRONT LIGHT	29 43 54 N 95 01 52 W	Q R	24		KRW on skeleton tower on piles.	For upbound traffic. Visible 2° each side of rangeline.
		*					12/03
24060	BAYTOWN BEND RANGE REAR LIGHT 180 yards, 306.7° from front light.		Iso R 6s	45		KRW on skeleton tower on piles.	Visible 2° each side of rangeline.
		*					13/03
24060	BAYTOWN BEND RANGE REAR LIGHT 180 yards, 308° from front light.		Iso R 6s	45		KRW on skeleton tower on piles.	Visible 2° each side of rangeline.
		*					12/03

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
24095	- Buoy 112						<i>Remove from list.</i>
							* 14/03
*24096	- LIGHT 112 95 yards outside the channel limit.	29 43 48 N 95 01 37 W	F I R 4s	17	4	TR on pile.	Ra ref. 14/03
24155	UPPER PEGGY'S LAKE OUTBOUND RANGE FRONT LIGHT	29 43 49 N 95 02 47 W	Q G	40		KRW on skeleton tower on piles.	For downbound traffic. Visible 2° each side of rangeline. 15/03
		*					
24250	UPPER CROSSOVER OUTBOUND RANGE FRONT LIGHT	29 44 57 N 95 03 44 W	Q R	30		KRW on skeleton tower on piles.	For downbound traffic. Visible 2° each side of rangeline. 12/03
				*			
24252	UPPER CROSSOVER OUTBOUND RANGE FRONT PASSING LIGHT		F I W 4s	15	5	On same structure as Upper Crossover Outbound Front Light.	14/03
		*					
GALVESTON AND TEXAS CITY HARBORS (Chart 11324)							
Texas City Channel							
<i>Buoys are located 60 to 150 feet outside channel limit.</i>							
24700	- CUT A OUTER RANGE FRONT LIGHT	29 20 11 N 94 45 19 W	Q G	25		KRW on skeleton tower on piles.	For downbound traffic. Visible 2° each side of rangeline. 15/03
		*					
24750	- LIGHT 9	29 22 05 N 94 49 50 W	Q G	17	4	SG on pile.	16/03
		*					
24765	- CUT B INNER RANGE FRONT LIGHT	29 22 54 N 94 53 03 W	F I R 2.5s F I R 2.5s	25 27	4	KRW on skeleton tower on piles.	For upbound traffic. Visible 2° each side of rangeline. 18/03
			*	*	*		
24767	- CUT B INNER RANGE FRONT PASSING LIGHT						<i>Remove from list.</i> 18/03
							* 18/03
24785	- LIGHT 14	29 22 41 N 94 51 51 W	F I R 4s	17	4	TR on pile.	15/03
		*					
24795	- CUT C RANGE FRONT LIGHT	29 23 03 N 94 52 42 W	Q G	17		KRW on piles.	Visible all around; higher intensity on rangeline. 15/03
		*					
24807	- LIGHT 18	29 22 54 N 94 52 48 W	F I R 2.5s	17	3	TR on pile.	15/03
					*		

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SECTION II

SUMMARY OF 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
24810	- LIGHT 19	29 22 45 N 94 52 56 W	FIG 2.5s	17	3	SG on pile.	
						*	15/03
24812	- LIGHT 21	29 22 38 N 94 53 06 W	Q G	17	3	SG on pile.	
						*	15/03
25615	- Lighted Buoy 5	28 55 06 N 95 16 50 W	FIG 2.5s		4	Green.	Ra ref.
		*	*				17/03
25645 35430	- LIGHT 12	28 56 40 N 95 18 22 W	Q R	17	4	TR-SY on pile.	Ra ref.
							15/03
25645 35430	- LIGHT 12	28 56 40 N 95 18 22 W	Q R	17	4	TR-SY on pile.	Ra ref.
		*		*	*		14/03
CEDAR LAKES TO ESPIRITU SANTO BAY (Chart 11319)							
25780 1295	COLORADO RIVER WEST JETTY ENTRANCE LIGHT 1	28 35 28 N 95 59 04 W	FIG 2.5s	17	4	SG on skeleton tower.	
		*		*	*		13/03
25965	- RANGE A FRONT LIGHT	28 26 34 N 96 20 42 W	FI W 2.5s (Day) FI W 2.5s (Night) FI W 2.5s	22 24 26		On pile with platform.	Visible all around; higher intensity on range line.
			*	*			11/03
25970	- RANGE A REAR LIGHT 1,239 yards, 316.7° from front light.		Iso W 6s (Day) Iso W 6s (Night)	76 78		On skeleton tower on piles.	Lighted throughout 24 hours.
			*	*			11/03
25972	- RANGE A REAR PASSING LIGHT		FI W 4s	21	4	On same structure as Matagorda Ship Channel Range A Rear Light.	
				*	*		11/03
26055	- LIGHT 19		Oc G 4s	17	3	SG on pile.	Higher intensity beam up and down channel. Ra ref.
						*	4/03
26155	- LIGHT 43	28 31 34 N 96 28 02 W	FIG 4s	17	4	SG on pile.	Ra ref.
		*			*		16/03

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SUMMARY OF 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
*Add Heading: *Hockomock Channel							
*26177	RANGE C FRONT LIGHT PASSING LIGHT		Q W	27	5	KRW on skeleton tower on piles.	On same structure as Matagorda Ship Channel Range C Front Light. 17/03
*Add Headings: *Matagorda Bay *Matagorda Ship Channel							
26180	- RANGE C REAR LIGHT 2,000 yards, 308.5° from front light.		Oc W 4s	60		KRW on skeleton tower on piles.	Visible 2° each side of rangeline. 17/03
Lavaca Bay							
26730	LAVACA PIPELINE LIGHT A-8	28 33 21 N 96 29 27 W	Q R	10		On pile.	Private aid. 14/03
		*					
27055	- LIGHT 11		FI G 4s	22	5	SG on skeleton tower on piles.	
				*	*		12/03
Aransas Channel							
27060	- LIGHT 2	27 51 04 N 97 03 50 W	FI R 4s	17	3	TR on dolphin.	Ra ref. 16/03
		*					
28237	- RANGE FRONT PASSING LIGHT		Q R	38	4	On same structure as Laguna Madre Channel Range Front Light.	
				*			18/03
*29653	- Buoy 2					Red nun.	10/03
31575 4080	- NAVY RANGE REAR LIGHT 300 feet, 273.5° from front light.		Iso G 6s	58		On skeleton tower on piles.	Visible 2° each side of rangeline. 14/03
						*	
31975	- LIGHT 60		FI R 4s	17	3	TR-TY on pile.	Ra ref. 18/03
					*		
32160	- LIGHT 103		FI G 4s	17	4	SG-SY on pile.	Ra ref. 18/03
					*		
32225	- LIGHT 115		FI G 4s	17	4	SG-SY on pile.	Ra ref. 18/03
					*		
32245	- LIGHT 119		FI G 4s	17	4	SG-SY on pile.	Ra ref. 18/03
					*		

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SECTION II

SUMMARY OF 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
32265	- LIGHT 123		FIG 4s	17	4	SG-SY on pile.	Ra ref. * 18/03
32300	- LIGHT 135		FIG 4s	17	4	SG-SY on pile.	Ra ref. * 18/03
32340	- LIGHT 151		FIG 4s	17	4	SG-SY on pile.	Ra ref. * 18/03
32495	- LIGHT 5		FIG 4s	17	4	SG on pile.	Ra ref. * 18/03
32629	-Daybeacon 34						<i>Remove from list.</i> * 5/03
32630	- Daybeacon 35						<i>Remove from list.</i> * 5/03
32635	- Daybeacon 34					TR-TY on pile.	Ra ref. * 5/03
32637	- Daybeacon 35	30 15 52 N 88 13 27 W				SG-SY on pile.	Ra ref. * 5/03
	*Delete Headings: *DAUPHIN ISLAND TO DOG KEYS PASS (Chart 11374) *Pass Aux Herons						
32639	-Daybeacon 38						<i>Remove from list.</i> * 5/03
32640	- Daybeacon 39						<i>Remove from list.</i> * 5/03
32645	- Daybeacon 36					TR-TY on pile.	Ra ref. * 5/03
32647	- Daybeacon 37					SG-SY on pile.	Ra ref. * 5/03
	*Delete Headings: *DAUPHIN ISLAND TO DOG KEYS PASS (Chart 11374) *Pass Aux Herons						
32649	-Daybeacon 42						<i>Remove from list.</i> * 5/03
32650	- Daybeacon 43						<i>Remove from list.</i> * 5/03

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SUMMARY OF 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
32655	- Daybeacon 38					TR-TY on pile.	Ra ref.
	*						5/03
32657	- Daybeacon 39					SG-SY on pile.	Ra ref.
	*						5/03
	*Delete Headings: *DAUPHIN ISLAND TO DOG KEYS PASS (Chart 11374) *Pass Aux Herons						
32659	-Daybeacon 46						<i>Remove from list.</i>
							* 5/03
32660	- Daybeacon 47						<i>Remove from list.</i>
							* 5/03
32665	- LIGHT 40 90 feet outside channel limit.		FI R 4s	17	5	TR-TY on pile.	Ra ref.
	*						5/03
32667	- LIGHT 41		FI G 4s	17	5	SG-SY on pile.	Ra ref.
	*						5/03
32705	- LIGHT 2	30 15 19 N 88 36 15 W	FI R 4s	17	4	TR-TY on pile.	Ra ref.
		*		*			18/03
32755 8595	GULFPORT SHIP CHANNEL LIGHT 41		FI G 2.5s	17	3	SG-SY on dolphin.	Ra ref.
						*	14/03
33105 9555	CHEF MENTEUR PASS LIGHT 5	30 03 34 N 89 47 44 W	FI G 2.5s	25	4	SG-SY on pile.	
		*		*			14/03
33140 11150	- LIGHT 130 150 feet outside channel limit.		FI R 2.5s	20	4	TR-TY on skeleton tower on piles.	
				*			10/03
33170 13605	INNER HARBOR NAVIGATION CANAL LIGHT 1		FI G 2.5s	30	5	SG-TY on skeleton tower.	
						*	14/03
33555 18445	BERWICK BAY RANGE A FRONT LIGHT	29 41 10 N 91 12 36 W	Q W	19		KRW on skeleton tower on piles.	Visible from 054.6° to 215.6°.
		*					15/03
	Little Wax Bayou						
33580 18440	- JUNCTION LIGHT A	29 39 36 N 91 14 30 W	FI (2+1) G 6s	30	5	JG-TY on dolphin.	
						*	13/03

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SECTION II

SUMMARY OF 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
33602	Wax Outlet West Approach Daybeacon W	29 38 58 N 91 23 57 W				NG on pile worded WARNING EXTREME CURRENT.	Ra ref.
		*					14/03
33755 20925	DEVILS ELBOW RANGE REAR LIGHT 229 yards, 225.3° from front light.		ISO W 6s	40		KRW-I on skeleton tower.	Visible all around.
				*		*	14/03
33760 20900	CALCASIEU CHANNEL LIGHT 92	30 05 22 N 93 19 25 W	FIR 2.5s	17	4	TR-SY on pile.	
		*					14/03
33785 22155	- LIGHT 20		FIR 2.5s	17	4	TR-SY on pile.	
				*			14/03
33795 22125	- RANGE Q FRONT LIGHT	30 02 22 N 93 44 18 W	Q W	25		KRW-I on skeleton tower on piles.	Visible all around; higher intensity on rangeline.
		*					17/03
33835 22090	- LIGHT 8		FIR 2.5s	17	4	TR-SY on skeleton tower on piles.	
				*			14/03
Sabine - Neches Canal							
33870 22050	- RANGE O FRONT LIGHT	29 59 31 N 93 47 02 W	Q R	22		KRW-I on skeleton tower.	For eastbound traffic. Visible 2° each side of rangeline.
		*		*		*	14/03
33960 21965	- LIGHT 66		FIR 2.5s	17	4	TR-SY on pile.	
						*	14/03
34000 21920	- RANGE K REAR LIGHT 535 yards, 200° from front light.		ISO W 6s	45		KRW on skeleton tower.	Visible 2° each side of rangeline.
				*		*	14/03
34040 21875	- LIGHT 52A	29 51 36 N 93 56 12 W	FIR 2.5s	17	4	TR-SY on pile.	Ra ref.
						*	14/03
34140	- RANGE REAR LIGHT 450 yards, 067° from front light.		ISO G 6s	32		KRW-I on skeleton tower.	Visible on range line only.
						*	* 13/03
34263	- LIGHT 19A	29 22 10 N 94 47 07 W	FIG 4s	17	4	SG-SY on pile.	Ra ref.
		*			*		14/03

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SUMMARY OF 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
34295	- LIGHT 9 50 feet outside channel limit.		FI G 4s	17	4	SG-SY on pile.	
						*	14/03
34405 22795	- LIGHT 3	29 19 47 N 94 46 29 W	FI G 2.5s	17	4	SG-SY on dolphin.	Ra ref.
		*		*			14/03
Galveston - Freeport							
34795	- RANGE D FRONT LIGHT	29 16 57 N 94 53 42 W	Q G	20		KRW-I on pile structure on same structure as Range E Front Light.	For westbound traffic. Visible all around; higher intensity on rangeline.
		*		*			11/03
35095	- RANGE A REAR LIGHT 991 yards, 054.3° from front light		Iso W 6s	35		KRW-I on skeleton tower on piles.	Visible all around; higher intensity on rangeline.
				*			11/03
35400	- RANGE B REAR LIGHT 700 yards, 235.3° from front light.		Iso W 6s	30		KRW-I on skeleton tower on piles.	Visible all around; higher intensity on rangeline.
				*			11/03
Galveston - Freeport							
35430 25645	FREEPORT ENTRANCE LIGHT 12	28 56 40 N 95 18 22 W	Q R	17	4	TR-SY on pile.	Ra ref.
		*		*	*		14/03
Galveston - Freeport							
35430 25645	FREEPORT ENTRANCE LIGHT 12	28 56 40 N 95 18 22 W	Q R	17	4	TR-SY on pile.	Ra ref.
							15/03
CLEAR LAKES TO ESPIRITU SANTO BAY (Chart 11319)							
Freeport - Port O Connor							
Matagorda Bay							
35465	- LIGHT 2	28 36 33 N 96 10 10 W	Q R	17	5	TR-TY on pile.	Ra ref.
		*			*		14/03
35587	PALACIOS WRECK LIGHT	28 33 51 N 96 13 23 W	FI W 2.5s	17	5	NW on pile.	
		*			*		14/03
35655	- Leading Light J	28 31 38 N 96 13 39 W	FI W 2.5s	30	6	NB-I on skeleton tower on piles.	For eastbound traffic. Visible all around; higher intensity on bearing 055°.
		*			*		14/03

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SUMMARY OF 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
35800	- LIGHT 38	28 38 58 N 96 15 06 W	F I R 6s	17	4	TR on pile.	Ra ref.
		*					14/03
35893	- RANGE L REAR PASSING LIGHT		F I W 4s	11	5	On same structure as Matagorda Bay Range L Rear Light.	
	*						11/03
36280	- LIGHT 38		F I R 4s	17	3	TR on pile.	Ra ref.
					*		10/03
36435	- LIGHT 2 90 feet outside channel limit.		Q R	17	4	TR-TY on pile.	Ra ref.
					*		10/03
	*Delete Heading: *Port O Connor Landcut						
36677	- Buoy 54	28 11 45 N 95 50 06 W				Red nun with yellow triangle.	
							5/03
36780	- Daybeacon B						Remove from list.
							*
							5/03
	*Add Heading: *Krueger Channel						
37005	- LIGHT 1	28 01 42 N 97 01 48 W	F I G 4s	15		On dolphin.	Private aid.
	*						11/03
37010	- LIGHT 2		F I R 4s	15		On dolphin.	Private aid.
	*						11/03
	*Delete Heading: *Krueger Channel						
*37012	- Daybeacon 3	28 01 24 N 97 01 30 W				SG on pile.	Private aid.
							11/03
37070	- Daybeacon D						Remove from list.
							*
							5/03
37230	- LIGHT 32		Q R	17	3	TR-TY on pile.	Ra ref.
				*			15/03
39650	- LIGHT 127		Q G	17	3	SG on pile.	Ra ref. Ra ref.
					*	*	*
							15/03

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SUMMARY OF 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
210	Point Arguello Light	34 34 37 N 120 38 50 W	FI W 15s	100	9	On single post. 20	
		*					16/03
213	<i>NOAA Environmental Lighted Buoy EB 46023</i>	32 52 55 N 120 52 23 W	FI (4) Y 20s			Yellow disk-shaped buoy.	
		*					8/03
213	<i>NOAA Environmental Lighted Buoy EB 46023</i>	32 42 12 N 120 57 25 W	FI (4) Y 20s			Yellow disk-shaped buoy.	
		*					10/03
	*Delete Heading: *POINT CONCEPTION TO POINT SUR (Chart 18700)						
215	<i>NOAA Environmental Lighted Buoy 46011 (ODAS)</i>						<i>Remove from list.</i>
							*
	*Add Heading: *POINT CONCEPTION TO POINT SUR (Chart 18700)						
217	<i>NOAA Environmental Lighted Buoy 46062(ODAS)</i>	35 06 03 N 121 00 36 W	FI (4) Y 20s			Yellow disk-shaped buoy.	
							8/03
	POINT CONCEPTION TO POINT SUR (Chart 18700)						
215	<i>NOAA Environmental Lighted Buoy 46011 (ODAS)</i>	34 52 47 N 120 52 08 W	FI (4) Y 20s			Yellow boat-shaped buoy.	
		*					18/03
275	<i>NOAA Environmental Lighted Buoy EB 46028</i>	35 43 57 N 121 53 18 W	FI (4) Y 20s			Yellow disc-shaped buoy.	
		*					11/03
297	<i>NOAA Environmental Lighted Buoy 46042</i>	36 43 20 N 122 24 20 W	FI (4) Y 20s			Yellow disc-shaped buoy.	
		*					11/03
300 4085	SANTA CRUZ WEST BREAKWATER LIGHT	36 57 38 N 122 00 07 W	Oc G 4s	36	6	White cylindrical structure.	HORN: 1 blast ev 30s (2s bl).
						*	4/03
325	<i>NOAA Environmental Lighted Buoy 46012</i>	37 26 59 N 122 41 43 W	FI (4) Y 20s			Yellow disc-shaped buoy.	
		*					11/03
410	<i>Saunders Reef Lighted Gong Buoy 16</i>	38 50 44 N 123 40 05 W	FI R 6s		4	Red.	
		*					11/03

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

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415	<i>Arena Cove Lighted Bell Buoy A</i>	38 54 39 N 123 43 35 W	Mo (A) W		5	Red and white stripes with red spherical topmark.	11/03
		*					
455	<i>Noyo Approach Lighted Whistle Buoy NA</i>	39 25 55 N 123 49 59 W	Mo (A) W		5	Red and white stripes with red spherical topmark.	11/03
		*					
562	<i>NOAA Environmental Lighted Buoy EB 46027</i>	41 51 08 N 124 22 59 W	FI (4) Y 20s			Yellow disc-shaped buoy.	11/03
		*					
YAQUINA HEAD TO COLUMBIA RIVER (CHART 18520)							
655 9780	<i>Depoe Bay Approach Lighted Whistle Buoy DB</i>	44 48 29 N 124 05 19 W	Mo (A) W		6	Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather. * 4/03
690	<i>Columbia River Approach Lighted Whistle Buoy CR</i>	46 11 05 N 124 11 03 W	Mo (A) W		5	Red and white stripes.	RACON: M (– –) HORN: 1 blast ev 30s (3s bl). * 13/03
	*		*		*		
COLUMBIA RIVER TO DESTRUCTION ISLAND (Chart 18500)							
695 9890	Cape Disappointment Light	46 16 33 N 124 03 08 W	Al W R 30s 0.3s W fl 14.7s ec. 0.3s R fl 14.7s ec.	220	W 22 R 18	White conical tower with white band at top and bottom, black band in middle. 53	Emergency light Iso W 6s. operates at reduced intensity. Light is obscured northward of 137.5°. Lighted throughout 24 hours. * 15/03
		*					
700	North Head Light	46 17 56 N 124 04 41 W	FI (2) W 30s 0.2s fl 7.3s ec. 0.2s fl 22.3s ec.	194	26	White conical tower. 65	Emergency light Iso W 6s. operates at reduced intensity. Light is obscured eastward of 181°. Lighted throughout 24 hours. * 15/03
		*					
APPROACHES TO STRAIT OF JUAN DE FUCA (Chart 18480)							
740 16075	<i>Quillayute River Approach Lighted Whistle Buoy Q</i>	47 53 08 N 124 40 34 W	Mo (A) W		5	Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather. * 4/03
755 16135	<i>Strait of Juan de Fuca Traffic Lane Separation Lighted Buoy J</i>	48 29 37 N 125 00 00 W	FI Y 4s		4	Yellow.	RACON: O (– – –). 4/03
756 16136	<i>Straight of Juan De Fuca Traffic Lane Separation Lighted Buoy JA</i>	48 29 38 N 124 43 38 W	FI Y 4s		4	Yellow.	4/03

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SUMMARY OF 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
760 16145	Cape Flattery Light	48 23 30 N 124 44 12 W	FI (2) W 20s	165	W 18	White conical tower on white sandstone dwelling. 57	Light is obscured from 271° to 007.5°. Emergency light Iso W 6s. Operates at reduced intensity. HORN: 2 blasts ev 60s (3s bl-3s si-3s bl-51s si). Operates continuously.
							* 4/03
SAN DIEGO TO ALEUTIAN ISLANDS AND HAWAIIAN ISLANDS (Chart 530)							
765.1	<i>NOAA Data Lighted Buoy 46002</i>	42 31 10 N 130 19 10 W	FI (4) Y 20s			Yellow boat-shaped hull.	
		*					9/03
765.2	<i>NOAA Data Lighted Buoy 46005</i>	46 03 00 N 131 01 12 W	FI (4) Y 20s			Yellow boat-shaped hull.	
		*					9/03
1490	<i>- Approach Lighted Buoy 3</i>	32 38 13 N 117 14 13 W	FI G 6s		4	Green.	
		*					11/03
San Diego Bay							
1545	<i>- Channel Lighted Buoy 8</i>	32 39 55 N 117 13 36 W	FI R 2.5s		3	Red.	
		*					11/03
1555	<i>- Channel Lighted Buoy 10</i>	32 40 25 N 117 13 39 W	FI R 4s		3	Red.	
		*					11/03
1567	- SUBMERGED JETTY LIGHT E	32 41 12 N 117 13 40 W	FI W 2.5s	15	3	NW on pile worded: DANGER SUBMERGED JETTY.	
		*					11/03
1568	- SUBMERGED JETTY LIGHT M	32 41 11 N 117 13 37 W	FI W 4s	15	4	NW on pile worded: DANGER SUBMERGED JETTY.	
			*				6/03
1570	Ballast Point Light B	32 41 11 N 117 13 58 W	FI W 4s	16	10	NG on platform on dolphin.	HORN: 1 blast ev 15s (2s bl).
		*					11/03
1595	SHELTER ISLAND WEST END LIGHT 2	32 42 28 N 117 14 06 W	FI R 2.5s	15	5	TR on pile.	
		*					11/03
1618	- Daybeacon C	32 42 15 N 117 13 29 W		15		NW on pile worded DANGER ROCKS.	
		*					11/03

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SUMMARY OF 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
1619	- LIGHT D	32 42 17 N 117 13 27 W	FI W 4s	15	4	NW on pile worded DANGER ROCKS.	
		*					11/03
1705	NORTH ISLAND LIGHT N	32 42 51 N 117 12 33 W	Q W	20	4	NR on post on concrete platform.	
		*					11/03
1757	- Buoy F	32 43 18 N 117 10 53 W				Yellow.	Private aid.
		*					11/03
1810	- Safety Zone Northeast Buoy	32 43 36 N 117 10 45 W				Yellow can.	
		*					11/03
1840	- Channel Lighted Buoy 24	32 41 55 N 117 09 54 W	FI R 4s		3	Red.	
		*					11/03
1859	San Diego-Coronado Bay Bridge RACON T	32 41 26 N 117 09 10 W	T (-)	193		West span, center of channel.	Private aid.
		*					11/03
1860	San Diego-Coronado Bay Bridge Fog Signal	32 41 26 N 117 09 09 W				Bridge pier.	Private aid. HORN (2): 1 blast ev 10s (1s bl). Simultaneously.
							12/03
1861	San Diego-Coronado Bay Bridge RACON C	32 41 26 N 117 09 09 W	C (- - -)	193		East span, center of channel.	Private aid.
		*					11/03
	Glorietta Bay						
1865	- Channel Lighted Buoy 1	32 41 11 N 117 09 11 W	FI G 4s		4	Green.	
		*					11/03
1875	- CHANNEL RANGE FRONT LIGHT	32 40 35 N 117 10 09 W	Q G	11		KRW on pile.	Visible all around.
		*					11/03
1885	- Channel Buoy 2	32 41 10 N 117 09 22 W				Red nun.	
		*					7/03
1890	- Channel Buoy 3	32 41 00 N 117 09 27 W				Green.	
		*					7/03
2010	- Channel Lighted Buoy 32	32 39 47 N 117 07 34 W	FI R 4s		3	Red.	
		*					7/03

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SECTION II

SUMMARY OF 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
2035	- Channel Lighted Buoy 36	32 39 19 N 117 07 27 W	FI R 4s		3	Red.	
		*					7/03
	San Diego Bay						
2040	- Channel Lighted Buoy 38	32 39 04 N 117 07 23 W	FI R 2.5s		3	Red.	
		*					7/03
2282	- WEIR LIGHT WEST END	32 45 25 N 117 15 01 W	FI W 2.5s	19	6	NW on pile worded DANGER SUBMERGED JETTY.	
		*					7/03
2283	- WEIR LIGHT EAST END	32 45 26 N 117 14 56 W	FI W 2.5s	19	4	NW on pile worded DANGER SUBMERGED JETTY.	
		*					7/03
2300	- Junction Buoy					Green and red bands; can.	
		*					12/03
2300	- Junction Buoy	33 12 29 N 117 24 09 W				Green and red bands; can.	
		*					11/03
2305	- Harbor Buoy 3	33 12 30 N 117 24 02 W				Green can.	
		*					7/03
2317	- Danger Buoy	33 12 31 N 117 23 56 W				White can with orange band worded ROCKS.	
		*					7/03
2380	- Daybeacon 8	33 12 49 N 117 24 08 W				TR on white skeleton tower.	
		*					11/03
2430	<i>San Juan Rocks Lighted Whistle Buoy 2SJR</i>	33 27 18 N 117 43 15 W	FI R 2.5s		4	Red.	
		*					11/03
	*Add Note:						
	SAN PEDRO BAY (Chart 18749)						
	Anaheim Bay						
	*Buoys in the inner harbor are set to best mark the harbor and are not charted.						
2770	- Entrance Lighted Bell Buoy 1 50 feet outside channel limit.	33 43 00 N 118 06 42 W	FI G 4s		4	Green.	
							13/03

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SECTION II

SUMMARY OF 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
2827	- Channel Buoy 13					Green can.	
		*					13/03
2828	- Channel Buoy 15					Green can.	
		*					13/03
2829	- Channel Buoy 17					Green can.	
		*					13/03
3025	<i>Long Beach Midchannel Lighted Buoy A</i>						<i>Remove from list.</i>
							* 4/03
3070	<i>Long Beach Midchannel Lighted Buoy B</i>						<i>Remove from list.</i>
							* 4/03
3108	- Lighted Buoy 5	33 41 50 N 118 14 40 W	FI G 2.5s		4	Green.	
		*					12/03
3109	- Lighted Buoy 6	33 41 55 N 118 14 27 W	FI R 4s		4	Red.	
		*					12/03
3138	- Lighted Buoy 5	33 43 46 N 118 15 56 W	Q G			Green.	
		*					16/03
3191	- Lighted Danger Buoy A	33 43 22 N 118 14 33 W	FI W 2.5s			White pontoon tank with sign reading Danger Shallow Area.	Private aid.
	*	*				*	18/03
3192	- Lighted Danger Buoy B	33 43 12 N 118 14 28 W	FI W 2.5s			White pontoon tank with sign reading Danger Shallow Area.	Private aid.
	*	*				*	18/03
3193	- Lighted Danger Buoy C	33 43 02 N 118 14 23 W	FI W 2.5s			White pontoon tank with sign reading Danger Shallow Area.	Private aid.
	*	*				*	18/03
3194	- Lighted Danger Buoy D	33 43 06 N 118 14 09 W	FI W 2.5s			White pontoon tank with sign reading Danger Shallow Area.	Private aid.
	*	*				*	18/03
*3195	- Lighted Danger Buoy E	33 43 09 N 118 14 00 W	FI W 4s			White pontoon tank with sign reading Danger Shallow Area.	Private aid.
							18/03
3196	- Lighted Danger Buoy F	33 43 19 N 118 14 02 W	FI W 2.5s			White pontoon tank with sign reading Danger Shallow Area.	Private aid.
	*	*				*	18/03

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SECTION II

SUMMARY OF 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
3197	- Lighted Danger Buoy G	33 43 28 N 118 14 08 W	FI W 2.5s			White pontoon tank with sign reading Danger Shallow Area.	Private aid.
	*	*				*	18/03
	*Delete Heading: *King Harbor						
3336	- Midchannel Buoy A						Remove from list.
							* 16/03
	*Add Heading: *King Harbor						
3337	- Channel Buoy 1					Green can.	Private aid.
							16/03
3341	- Midchannel Buoy B						Remove from list.
							* 16/03
3351	- Midchannel Buoy C						Remove from list.
							* 16/03
3361	- Midchannel Buoy D						Remove from list.
							* 16/03
3590	Ormond Beach Buoy OB2	34 07 22 N 119 10 32 W				Red nun.	Private aid.
		*					9/03
3591	Ormond Beach Discharge Buoy	34 04 26 N 119 10 27 W				White with orange bands; triangular shaped.	Private aid.
		*					9/03
3640	- SOUTH JETTY LIGHT 2	34 09 22 N 119 16 10 W	FI R 2.5s	35		Rectangular concrete.	The fog signal can be activated upon request to the Coast Guard via VHF-FM Ch 16. HORN: 1 blast ev 15s (1s bl).
					*	*	6/03
3845	- Lighted Buoy 2		FI R 4s		3	Red.	Lighted from May 1 to Oct. 1.
		*					6/03
3930 250	- Gong Buoy 18EB	35 23 06 N 120 53 12 W				Red.	
	*						6/03
4520	- BREAKWATER LIGHT B						Remove from list.
							* 10/03
4530	- BREAKWATER LIGHT D						Remove from list.
							* 10/03

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SECTION II

SUMMARY OF 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
4540	- BREAKWATER LIGHT F						<i>Remove from list.</i>
							* 10/03
4683	- TURNING BASIN LIGHT A	37 47 42 N 122 17 22 W	Iso W 6s	18	4	NG on pile.	
		*					6/03
*4783	BELLA BAY ISLAND LIGHTHOUSE LIGHT	37 46 01 N 122 17 16 W	FI W 4s	30		On top of restaurant building.	11/03
5210	- LIGHT 7	37 31 59 N 122 11 32 W	FI G 2.5s	15	3	SG on pile.	Ra ref. 16/03
		*					
5770	- Lighted Buoy 1	37 55 46 N 122 25 42 W	FL G 4s				Green 6/03
6100	- LIGHT 3	38 04 25 N 122 14 46 W	Q G	25	4	SG on pile.	12/03
		*					
6145	- LIGHT 3	38 08 29 N 122 17 01 W	FI G 4s	19	3	SG on pile structure.	12/03
		*					
6150	- Buoy 4WR Marks channelward side of submerged wreck.	38 09 20 N 122 17 36 W				Red nun.	16/03
		*					
6160	- LIGHT 7	38 10 34 N 122 17 42 W	FI G 4s	15	3	SG on pile structure.	12/03
		*					
6165	- LIGHT 8	38 10 51 N 122 17 57 W	FI R 4s	15	3	TR on pile.	12/03
		*					
6170	- LIGHT 9	38 10 50 N 122 18 22 W	FI G 2.5s	15	4	SG on pile.	12/03
		*					
6180	- LIGHT 13	38 11 33 N 122 18 51 W	FI G 4s	15	3	SG on pile.	12/03
		*					
6185	- RANGE FRONT LIGHT 14	38 12 20 N 122 18 26 W	Q W	12		KRW and TR on pile.	Ra ref. 12/03
		*					

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SECTION II

SUMMARY OF 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
6195	- LIGHT 15	38 13 25 N 122 18 34 W	FIG 4s	15	3	SG on pile.	
		*					12/03
6205	- LIGHT 18	38 14 47 N 122 17 03 W	FIR 4s	15	3	TR and white platform on pile structure.	
		*					12/03
6210	- LIGHT 20	38 15 13 N 122 17 04 W	FIR 4s	15	3	TR on pile.	
		*				*	16/03
Pittsburg Marina							
6602	- WEST BASIN LIGHT 1	38 02 26 N 121 53 09 W	FIG 4s	5		SG on pile.	Private aid.
		*	*				11/03
6603	- WEST BASIN LIGHT 2	38 02 27 N 121 53 09 W	FIR 4s	5		TR on pile.	Private aid.
		*	*				11/03
6605	- LIGHT 1	38 02 11 N 121 52 54 W	FIG 4s	11		On breakwater.	Private aid.
		*					11/03
6610	- LIGHT 2	38 02 12 N 121 52 56 W	FIR 4s	11		On breakwater.	Private aid.
		*					11/03
6615	- LIGHT 4	38 02 11 N 121 52 55 W	FIR 4s	11		On breakwater.	Private aid.
		*					11/03
7180	- LIGHT 3	38 03 58 N 121 50 35 W	FIG 2.5s	15	4	SG on pile.	Higher intensity beam upstream. Ra ref.
		*					16/03
7185	- LIGHT 5	38 03 56 N 121 50 09 W	FIG 2.5s	15	4	SG on pile.	Ra ref.
		*					11/03
7195	- LIGHT 7	38 03 44 N 121 48 32 W	FIG 4s		3	SG on pile.	
		*					11/03
7200	- LIGHT 8	38 03 35 N 121 48 31 W	FIR 4s	15	3	TR on pile.	Ra ref.
		*					16/03
7210	- LIGHT 10	38 03 35 N 121 48 00 W	FIR 2.5s	15	2	TR on pile.	Ra ref.
		*					11/03

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SECTION II

SUMMARY OF 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
7215	- LIGHT 11	38 03 52 N 121 47 38 W	FI G 6s	15	4	SG on pile.	
		*		*			11/03
7220	- LIGHT 12	38 03 45 N 121 47 32 W	FI R 6s	15	3	TR on pile.	Ra ref.
		*					11/03
7225	- LIGHT 13	38 04 41 N 121 46 02 W	FI G 2.5s	15	2	SG on pile.	Ra ref.
		*					11/03
7230	- LIGHT 14	38 04 35 N 121 45 57 W	FI R 2.5s	15	2	TR on pile.	Ra ref.
		*					16/03
7235	- LIGHT 15	38 05 24 N 121 44 34 W	FI G 4s	15	3	SG on pile.	Ra ref.
		*					11/03
7240	- LIGHT 16	38 05 18 N 121 44 30 W	FI R 4s	15	3	TR on pile.	Ra ref.
		*					11/03
7245	- LIGHT 17	38 05 39 N 121 44 12 W	FI G 6s	15	3	SG on pile.	Ra ref.
		*					11/03
7250	- LIGHT 18	38 05 35 N 121 44 07 W	FI R 6s	15	3	TR on pile.	Ra ref.
		*					11/03
SACRAMENTO AND SAN JOAQUIN RIVER (Chart 18661)							
Sacramento River							
7620	- LIGHT 2	38 10 38 N 121 39 53 W	Q R	15		TR on pile	
							6/03
8105	- DIRECTIONAL LIGHT	39 25 36 N 123 48 24 W	F W	15	1	On pile.	Visible white light in center of channel (103.5°T-106.5°T); red light when right of inbound channel (100°T-103.5°T); green light when left of inbound channel (106.5°T-110°T).
			*				6/03
8165	- ENTRANCE RANGE FRONT LIGHT	40 45 05 N 124 13 36 W	Q G	20		KRW on pile.	Visible 5° each side of rangeline. Operates continuously.
							* 6/03

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SECTION II

SUMMARY OF 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
8170	- ENTRANCE RANGE REAR LIGHT 268 yards, 141.5° from front light.		Oc G 4s	38		KRW on pile.	Operates continuously. * 6/03
8245	SAMOA CHANNEL LIGHT 2	40 48 08 N 124 11 11 W	FI (2+1) R 6s	15	4	TR on pile.	Ra ref. * 18/03
8245	SAMOA CHANNEL LIGHT 2	40 48 08 N 124 11 11 W	FI (2+1) R 6s	15	2	TR on pile.	Ra ref. * 16/03
8250	SAMOA CHANNEL LIGHT 3	40 48 33 N 124 11 07 W	FI G 4s	15	3	SG on pile.	Ra ref. * 16/03
*8386	CRESCENT CITY HARBOR LIGHT 9	41 44 41 N 124 11 13 W	FI G 2.5s	15	3	On pile.	9/03
*8387	CRESCENT CITY HARBOR LIGHT 10	41 44 39 N 124 11 09 W	FI R 2.5s	15	3	On pile.	9/03
*8388	CRESCENT CITY HARBOR LIGHT 11	41 44 44 N 124 11 07 W	FI G 4s	15	3	On pile.	9/03
8486	- Buoy Q					White can with orange bands.	* 6/03
8625	- ENTRANCE LIGHT 5	42 02 36 N 124 16 21 W	FI G 4s	23	5	Green pile structure.	Due to weather conditions the dayboards have been removed from this aid. * 11/03
8640	- ENTRANCE LIGHT 11	42 02 51 N 124 16 09 W	Q G	16	3	SG on pedestal structure.	* 11/03
8680	- Entrance Lighted Bell Buoy 4	43 07 41 N 124 27 04 W	FI R 6s		4	Red.	* 11/03
8760	- NORTH JETTY LIGHT 3A	43 21 30 N 124 20 39 W	FI G 2.5s	23	3	Green pile structure.	Due to weather conditions the dayboards have been removed from this aid. * 4/03
8762	- North Jetty Fog Signal	43 21 30 N 124 20 38 W					HORN: 1 blast ev 30s (3s bl). Fog signal sounded continuously from Jun. 1 to Sep. 15. * 4/03

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SECTION II

SUMMARY OF 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
8780	- Channel Lighted Buoy 5A	43 21 17 N 124 19 36 W	FI G 4s		4	Green.	
						*	11/03
8794	- Channel Lighted Buoy 6A	43 21 13 N 124 19 22 W	Q R		4	Red.	
						*	11/03
8985	- CHANNEL LIGHT 25 150 feet outside channel limit.	43 25 34 N 124 15 02 W	FI G 4s	15	4	SG on dolphin.	
						*	11/03
9000	- CHANNEL LIGHT 28 75 feet outside channel limit.	43 25 34 N 124 13 43 W	FI R 4s	17	4	TR on dolphin.	
						*	11/03
9005	- Channel Lighted Buoy 29	43 25 43 N 124 13 39 W	Q G		3	Green.	
						*	11/03
9020	NORTH BEND RANGE FRONT LIGHT	43 25 23 N 124 12 56 W	Q G	16		KRB on pile structure.	Visible all around; higher intensity on rangeline.
						*	14/03
9030	- CHANNEL LIGHT 35	43 24 35 N 124 13 04 W	FI G 2.5s	16	3	SG on dolphin.	
						*	11/03
9085	ISTHMUS SLOUGH LIGHT 43	43 21 51 N 124 12 31 W	FI G 4s	15	5	SG on dolphin.	
						*	11/03
9101	- ENTRANCE LIGHT 1	43 22 31 N 124 11 15 W	FI G 4s	14	3	SG on pile.	
						*	11/03
9120	- CHANNEL LIGHT 8	43 22 09 N 124 10 40 W	FI R 4s	14	3	TR on dolphin.	
						*	11/03
	*Delete Heading: *North Slough						
9180	- Channel Daybeacon 1						Remove from list.
							* 8/03
	*Add Heading: *North Slough						
9185	- Channel Daybeacon 4	43 26 06 N 124 14 00 W		10		TR on pile.	Private aid.
							8/03

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SECTION II

SUMMARY OF 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
9255	- LIGHT 6	43 40 11 N 124 11 56 W	F I R 4s	24	4	TR on skeleton tower.	Higher intensity beam up and down channel. BELL: 1 stroke ev 20s. Operates continuously. Ra ref. * 7/03
9451	- NORTH JETTY LIGHT 3	44 01 09 N 124 08 46 W	F I G 2.5s	15	4	Green pile structure.	Due to weather conditions; the dayboards have been permanently removed from this aid. * 5/03
9451	- NORTH JETTY LIGHT 3	44 01 09 N 124 08 46 W	F I G 2.5s	15	4	Green pile structure.	Due to weather conditions; the dayboards have been permanently removed from this aid. * 4/03
9452	- North Jetty Fog Signal.	44 01 09 N 124 08 46 W					Maintained from May 20 to Oct. 01. HORN: 1 blast ev 30s (3s bl). * 4/03
9475	- INNER RANGE REAR LIGHT 200 yards, 001° from front light.		Iso W 6s	35		KRB on skeleton tower. On same structure as Siuslaw River Entrance Range Front Light.	Visible 4° each side of rangeline. * 4/03
9490	- LIGHT 8	44 00 30 N 124 07 51 W	F I R 4s	16	2	TR on pile.	 * 14/03
9600	- Entrance Lighted Gong Buoy 3	44 36 27 N 124 05 27 W	F I G 4s		5	Green.	Maintained from May 1 to Oct. 1. * 14/03
9615	- CHANNEL LIGHT 8	44 37 08 N 124 03 34 W	F I R 4s	25	4	TR on pile. On same structure as Yaquina Bay Entrance Range Front Light.	 * 4/03
9635	SOUTHBEACH MARINA LIGHT 2	44 37 26 N 124 03 15 W	F I R 4s	14	3	TR on pile.	 * 14/03
9660	BOAT BASIN WEST LIGHT	44 37 48 N 124 03 04 W	F I Y 4s	15	5	NY on pile.	 * 14/03
9675	- LIGHT 14	44 36 54 N 124 01 17 W	F I R 4s	15	2	TR on pile.	 * 14/03

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SECTION II

SUMMARY OF 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
9710	- LIGHT 25	44 35 00 N 124 00 44 W	FI G 4s	15	4	SG on concrete platform.	
		*					14/03
9740	- LIGHT 32	44 34 17 N 123 58 01 W	FI R 4s	15	3	TR on dolphin.	
		*					14/03
Depoe Bay							
9780 655	- Approach Lighted Whistle Buoy DB	44 48 29 N 124 05 19 W	Mo (A) W		6	Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather.
							* 4/03
9820	- NORTH JETTY LIGHT 3	45 34 14 N 123 57 51 W	FI G 2.5s	26	4	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.
							4/03
9822	- North Jetty Fog Signal	45 34 14 N 123 57 51 W					HORN 1 blast ev 30s (3s bl) Maintained from Jun 01 to Oct 01. .
							4/03
PACIFIC OCEAN TO HARRINGTON POINT (Chart 18521)							
Columbia River							
<i>In the event of flood conditions in the Columbia River, aids to navigation may be temporarily discontinued, lights may be extinguished or destroyed, and buoys may be extinguished or dragged off station. Under such conditions vessel operators should consult local authorities before attempting to navigate in these waters.</i>							
9890 695	Cape Disappointment Light	46 16 33 N 124 03 08 W	Al W R 30s 0.3s W fl 14.7s ec. 0.3s R fl 14.7s ec.	220	W 22 R 18	White conical tower with white band at top and bottom, black band in middle. 53	Emergency light Iso W 6s. operates at reduced intensity. Light obscured northward of 137.5°. Lighted throughout 24 hours.
		*					* 15/03
9895	- ENTRANCE RANGE FRONT LIGHT	46 16 33 N 124 03 05 W	F R	186		KWB on skeleton structure.	Visible 5° each side of rangeline. Lighted throughout 24 hours.
		*					15/03
9905	- Entrance Lighted Bell Buoy 1	46 13 24 N 124 11 00 W	FI G 4s		5	Green.	
							* 14/03
9910	- Entrance Lighted Whistle Buoy 2	46 12 46 N 124 08 03 W	FI R 4s		3	Red.	
		*					15/03

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SECTION II

SUMMARY OF 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
9915	<i>Clatsop Spit Lighted Whistle Buoy 4</i> 100 yards outside channel limit.	46 13 35 N 124 06 50 W	F I R 2.5s		4	Red.	
		*					15/03
9920	- South Jetty Bell Buoy 2SJ	46 14 02 N 124 05 45 W				Red nun.	
		*				*	15/03
9925	<i>Clatsop Spit Lighted Whistle Buoy 6</i> 325 yards outside channel limit.	46 14 15 N 124 05 51 W	F I R 4s		3	Red.	
		*					15/03
9930	<i>Peacock Spit Lighted Bell Buoy 7</i>	46 15 09 N 124 06 18 W	Q G		4	Green.	
		*					15/03
9935	<i>Clatsop Spit Lighted Bell Buoy 8</i>	46 15 00 N 124 04 44 W	Q R		3	Red.	
		*					15/03
9945	SAND ISLAND RANGE FRONT LIGHT	46 15 57 N 123 59 34 W	Q G	19		KRW on skeleton tower on pile structure.	Visible 4° each side of rangeline.
		*					15/03
9960	<i>Peacock Spit Lighted Bell Buoy 11</i>	46 15 42 N 124 02 19 W	F I G 2.5s		4	Green.	
		*			*		14/03
9970	<i>Clatsop Spit Lighted Whistle Buoy 14</i>	46 14 56 N 124 00 41 W	Q R		4	Red.	
					*		14/03
9980	- Channel Lighted Bell Buoy 20	46 14 12 N 123 59 33 W	F I R 2.5s		4	Red.	
					*		14/03
9985	- Channel Lighted Bell Buoy 21	46 14 07 N 123 58 54 W	F I G 2.5s		4	Green.	
		*					16/03
9995	- LIGHT	46 13 32 N 123 57 18 W	F I W 4s	23	6	NB on pile structure.	
		*			*		14/03
10005	FORT STEVENS WHARF LIGHT 26	46 12 27 N 123 57 05 W	Oc R 4s	35	7	TR on multi-pile.	
		*			*		14/03

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SECTION II

SUMMARY OF 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
Tansy Point							
10025	- RANGE FRONT LIGHT	46 11 20 N 123 55 10 W	Q R	22		KRB on pile structure.	Visible all around; higher intensity on rangeline. 14/03
		*					
10090	Tansy Point Range Buoy 35B 68 yards outside channel limit.	46 11 44 N 123 50 46 W				Green can.	 16/03
		*					
10095	- LIGHT 36	46 11 33 N 123 50 44 W	Q R	30	5	TR on pier.	 14/03
						*	
10100	- <i>Crossing Lighted Buoy 37</i>	46 11 46 N 123 50 01 W	FI G 4s		4	Green.	 16/03
		*					
10105	- LOWER RANGE FRONT LIGHT	46 11 29 N 123 50 10 W	F R	40		KRB on roof.	Visible 3° each side of rangeline. Lighted throughout 24 hours. 16/03
		*					
10175	- RANGE FRONT LIGHT	46 15 21 N 123 40 37 W	Q W	20		KRB on pile structure.	Visible 2° each side of rangeline. 16/03
		*					
PACIFIC OCEAN TO HARRINGTON POINT (Chart 18521)							
Miller Sands							
10205	- <i>Channel Lighted Buoy 2</i> 75 yards outside channel limit.	46 14 59 N 123 40 50 W	FIR 2.5s		4	Red.	 14/03
						*	
HARRINGTON POINT TO CRIMS ISLAND (Chart 18523)							
Miller Sands							
10215	- DIKE LIGHT 5 83 yards outside channel limit.	46 15 24 N 123 40 07 W	FI G 4s	15	4	SG on dolphin.	Higher intensity beam up and down channel. 15/03
		*				*	
10225	- <i>Channel Lighted Buoy 10</i>	46 15 28 N 123 38 56 W	Q R		3	Red.	 15/03
10230	- DIKE LIGHT 11	46 15 40 N 123 38 31 W	FI G 6s	19	5	SG on dolphin.	 15/03
		*				*	
10325	- <i>Channel Lighted Buoy 28</i>	46 16 14 N 123 29 57 W	Q R		4	Red.	 14/03
						*	

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SUMMARY OF 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
10345	- Channel Lighted Buoy 32	46 15 59 N 123 28 01 W	Q R		4	Red.	
		*			*		14/03
10370	Multnomah Slough Lighted Buoy 36	46 14 45 N 123 26 21 W	F I R 2.5s		4	Red.	
		*			*		14/03
10375	Steamboat Slough Lighted Buoy 37	46 14 40 N 123 25 54 W	F I G 4s		5	Green.	
					*		14/03
10420	- LIGHT 47	46 10 55 N 123 25 33 W	Q G	15	5	SG on skeleton tower.	
		*			*		14/03
10425	- LIGHT 49	46 10 33 N 123 25 11 W	F I G 4s	17	4	SG on dolphin.	
		*			*		14/03
10460	- DIKE LIGHT 57	46 09 09 N 123 23 08 W	Q G	20	3	SG on dolphin.	
		*			*		15/03
10480	PANCAKE POINT DIKE LIGHT 59	46 08 58 N 123 22 25 W	F I G 6s	15	4	SG on multi-pile.	
		*			*		15/03
10525	- Channel Lighted Buoy 68	46 08 39 N 123 17 24 W	F I R 2.5s		5	Red.	
					*		14/03
10633	COLUMBIA RIVER GEODETIC SURVEY LIGHT	46 11 06 N 123 11 12 W	F I Y 10s	10		On steel dolphin.	Private aid.
						*	4/03
10635	- LIGHT 81	46 11 12 N 123 10 55 W	F I G 4s	14	5	SG on concrete pad.	
		*			*		15/03
10655	Crims Island Channel Lighted Buoy 86	46 11 09 N 123 07 42 W	Q R		4	Red.	
					*		15/03
10735	- Channel Lighted Buoy 10	46 09 16 N 123 03 29 W	Q R		4	Red.	
		*			*		15/03
11085	DUCK CLUB LIGHT 6	45 49 27 N 122 47 53 W	Q R	22	5	TR on pile structure.	Ra ref.
						*	9/03

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SECTION II

SUMMARY OF 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
11125	BACHELOR DIKE LIGHT 15	45 47 04 N 122 46 17 W	FI G 4s	32	4	SG on dolphin.	
						*	9/03
11165	- DIKE LIGHT 26	45 43 26 N 122 45 58 W	FI R 4s	33	4	TR on dolphin.	
		*					4/03
11205	- Dike Daybeacon 39	45 40 05 N 122 45 50 W				SG on dolphin.	
						*	9/03
11305	PORTLAND AIRPORT DIKE LIGHT 16	45 36 04 N 122 36 01 W	FI R 4s	40	6	TR on dolphin.	Higher intensity beam upstream.
		*					5/03
11305	PORTLAND AIRPORT DIKE LIGHT 16	45 36 06 N 122 36 01 W	FI R 4s	40	6	TR on dolphin.	Higher intensity beam upstream.
		*					4/03
12235	MILLER ISLAND SOUTH CHANNEL RANGE A FRONT LIGHT	45 39 40 N 120 56 48 W	Q G	44		KRB on skeleton tower.	Visible all around; higher intensity on rangeline.
		*					4/03
12255	MILLER ISLAND SOUTH CHANNEL RANGE B FRONT LIGHT	45 38 15 N 120 54 01 W	Q G	42		KRB on skeleton tower.	Visible 4° each side of rangeline.
		*					4/03
12275	MILLER ISLAND SOUTH CHANNEL RANGE C FRONT LIGHT	45 38 08 N 120 54 45 W	Q G	40		KRB on skeleton tower.	Visible 4° each side of rangeline.
		*					4/03
12375	- RANGE FRONT LIGHT	45 42 56 N 120 42 16 W	Q G	20		KRB on platform.	Visible 2° each side of rangeline.
		*					4/03
12380	- RANGE REAR LIGHT 275 yards, 060.8° from front light.		Iso G 6s	35		KRB on skeleton tower.	Visible 2° each side of rangeline.
						*	4/03
12430	- LIGHT 6	45 44 13 N 120 34 36 W	FI R 2.5s	61	4	TR on platform.	
		*					7/03
12430	- LIGHT 6	45 44 12 N 120 34 42 W	FI R 2.5s	61	4	TR on platform.	
							4/03
12455	- LIGHT 11	45 42 09 N 120 27 38 W	FI G 6s	55	5	SG on skeleton tower. 16	
						*	4/03

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SUMMARY OF 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
12520	- LIGHT 27	45 48 59 N 119 59 34 W	FIG 2.5s	29	4	SG on skeleton tower.	
		*					4/03
12520	- LIGHT 27	45 49 01 N 119 59 46 W	FIG 2.5s	29	4	SG on skeleton tower.	
		*					12/03
12555	- LIGHT 35	45 51 05 N 119 48 34 W	FIG 4s	55	4	SG on skeleton tower.	
		*					4/03
12570	MESSNER LOWER RANGE FRONT LIGHT	45 51 01 N 119 41 36 W	FIW 2.5s (Day) FIR 2.5s (Night)	41		Skeleton tower.	Day range visible on rangeline. Night range visible 1.5° each side of rangeline. Lighted throughout 24 hours.
		*	*				4/03
12585	BOARDMAN MARINE PARK ENTRANCE LIGHT 1	45 50 41 N 119 42 46 W	FIG 4s	17	4	SG on platform.	
		*					4/03
12590	BOARDMAN MARINE PARK ENTRANCE LIGHT 2	45 50 47 N 119 42 46 W	FIR 4s	17	3	TR on platform.	
		*			*		4/03
12595	MESSNER MIDDLE RANGE FRONT LIGHT	45 51 35 N 119 39 34 W	QW	29		KRB on pile structure. 14	Visible all around; higher intensity on rangeline.
		*					4/03
12615	MESSNER UPPER RANGE FRONT LIGHT	45 51 05 N 119 39 59 W	QW	14		KRB on pile structure.	Visible 4° each side of rangeline.
		*					4/03
12615	MESSNER UPPER RANGE FRONT LIGHT	45 51 17 N 119 39 59 W	QW	14		KRB on pile structure.	Visible 4° each side of rangeline.
		*					9/03
12665	IRRIGON LOWER RANGE FRONT LIGHT 60	45 54 05 N 119 30 52 W	QR	34		KRW on skeleton tower, TR oriented upstream. 17	Visible all around; higher intensity on rangeline.
		*					4/03
12665	IRRIGON LOWER RANGE FRONT LIGHT 60	45 54 09 N 119 30 50 W	QR	34		KRW on skeleton tower, TR oriented upstream. 17	Visible all around; higher intensity on rangeline.
		*					12/03
12690	IRRIGON MIDDLE RANGE FRONT LIGHT 67	45 55 19 N 119 26 33 W	QG	36		KRW on skeleton tower, SG oriented upstream. 30	Visible all around; higher intensity on rangeline.
		*					4/03

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SUMMARY OF 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
12715	IRRIGON UPPER RANGE FRONT LIGHT	45 55 09 N 119 27 30 W	Q W	45		KRB on skeleton tower. 43	Visible 4° each side of rangeline. 4/03
		*					
12735	- LIGHT 73	45 55 34 N 119 21 46 W	FI G 4s	23	5	SG on pile. 13	 4/03
		*			*		
12765	McNARY RANGE FRONT LIGHT	45 56 22 N 119 18 37 W	Q G	36		KRW on skeleton tower. 16	Visible 4° each side of rangeline. 4/03
		*					
Lake Wallula							
12865	- LIGHT 1	45 56 46 N 119 16 45 W	FI G 4s	12	4	SG on tower.	 4/03
		*			*		
12875	- LIGHT 7	45 56 47 N 119 06 28 W	FI G 6s	34	4	SG on tower.	 4/03
		*					
12875	- LIGHT 7	45 56 44 N 119 06 27 W	FI G 6s	34	4	SG on tower.	 12/03
		*					
12895	- LIGHT 14	45 59 41 N 118 59 01 W	FI R 4s	80	4	TR on tower.	 4/03
		*					
12910	- LIGHT 20	46 02 42 N 118 56 26 W	FI R 6s	22	4	TR on tower.	 4/03
		*					
Lake Wallula							
Boise Cascade							
12942	WORDEN FARMS PUMP STATION LIGHT A	46 05 08 N 118 55 29 W	FI Y 4s	3		On steel structure.	Private aid. * 7/03
Lake Wallula							
Boise Cascade							
12942	WORDEN FARMS PUMP STATION LIGHT A	46 05 08 N 118 55 29 W	FI Y 4s	3		On steel structure.	Private aid. Private aid * 5/03
				*		*	
Lake Wallula							
12965	- LIGHT 23	46 03 56 N 118 57 01 W	FI G 4s	16	5	SG on platform.	 4/03
		*					

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SUMMARY OF 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
12980	- WEST CHANNEL JUNCTION LIGHT	46 07 34 N 118 58 18 W	FI (2+1) G 6s	24	5	JG on dolphin.	
		*				*	4/03
12985	Homly Center Channel Buoy 1	46 08 02 N 118 58 54 W				Green can.	
		*					13/03
12995	- LIGHT 30	46 07 51 N 118 57 51 W	FI R 2.5s	23	5	TR on pile.	
		*					4/03
13015	- LIGHT 38	46 10 03 N 118 59 57 W	FI R 6s	40	4	TR on skeleton tower.	Higher intensity beam down channel.
		*				*	4/03
13027	UNION PACIFIC RAILROAD RACON	46 10 42 N 119 01 06 W				On center span of railroad bridge.	Racon: T (-). Racon will respond to radar only when bridge is in open position. Private aid.
	*						4/03
13040	SNAKE RIVER JUNCTION LIGHT S	46 11 53 N 119 02 23 W	FI (2+1) G 6s	16	4	JG on platform.	
		*					4/03
LAKE SACAJAWEA (Chart 18545)							
Snake River							
<i>Mileage from mouth of Snake River in statute miles.</i>							
13105	MILE 1 RANGE FRONT LIGHT	46 12 23 N 119 02 10 W	Q W	26		KRB on tower.	Visible 14° each side of rangeline.
		*					4/03
LAKE SACAJAWEA (Chart 18545)							
Snake River							
<i>Mileage from mouth of Snake River in statute miles.</i>							
13105	MILE 1 RANGE FRONT LIGHT	46 12 19 N 119 02 09 W	Q W	26		KRB on tower.	Visible 14° each side of rangeline.
		*					12/03
13120	MILE 4 RANGE FRONT LIGHT	46 13 34 N 118 59 33 W	Q R	44		KRW on tower.	Visible all around; higher intensity on rangeline.
		*					4/03
13160	MILE 6 RANGE FRONT LIGHT	46 14 25 N 118 57 52 W	Q W	26		KRW on tower.	Visible 4° each side of rangeline.
		*					4/03

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SECTION II

SUMMARY OF 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
13205	- LIGHT 17	46 14 46 N 118 55 00 W	FIG 4s	15	4	SG on pile.	
					*		4/03
13215	- LIGHT 19	46 14 53 N 118 54 12 W	FIG 2.5s	15	4	SG on skeleton tower.	
					*		4/03
13265	- LIGHT 3	46 15 31 N 118 51 21 W	FIG 2.5s	15	4	SG on tower.	
		*					4/03
13280	- LIGHT 6	46 17 03 N 118 48 46 W	FIR 2.5s	41	3	TR on pile.	
					*		4/03
13295	- LIGHT 10	46 18 01 N 118 45 42 W	FIR 4s	30	3	TR on skeleton tower.	
					*		4/03
13310	- LIGHT 13	46 20 03 N 118 45 42 W	FIG 2.5s	28	3	SG on skeleton tower.	
		*					4/03
13320	- LIGHT 16	46 21 16 N 118 44 43 W	FIR 4s	40	3	TR on platform.	Ra ref.
					*		4/03
13325	- LIGHT 17	46 21 27 N 118 44 57 W	FIG 4s	20	4	SG on skeleton tower.	
		*					4/03
13330	- LIGHT 22	46 21 33 N 118 42 03 W	FIR 6s	35	4	TR on skeleton tower.	
		*			*		4/03
13335	- LIGHT 23	46 22 02 N 118 42 02 W	FIG 2.5s	21	3	SG on skeleton tower.	
		*					4/03
13340	- LIGHT 25	46 22 58 N 118 41 39 W	FIG 4s	20	5	SG on skeleton tower.	
		*			*		4/03
13350	- LIGHT 27	46 23 38 N 118 40 07 W	FIG 6s	21	4	SG on skeleton tower.	
		*					4/03
13370	- LIGHT 32	46 24 43 N 118 38 00 W	FIR 6s	46	4	TR on skeleton tower.	
		*					4/03

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
13375	- LIGHT 33	46 25 28 N 118 38 12 W	FIG 4s	21	4	SG on skeleton tower.	
		*					4/03
13385	- LIGHT 35	46 26 08 N 118 38 39 W	FIG 2.5s	21	3	SG on skeleton tower.	
		*			*		4/03
13405	- LIGHT 43	46 27 48 N 118 37 40 W	FIG 6s	21	4	SG on skeleton tower.	
		*					4/03
13415	- LIGHT 45	46 28 06 N 118 37 29 W	FIG 4s	21	4	SG on skeleton tower.	
		*			*		4/03
13425	- LIGHT 47	46 30 02 N 118 37 14 W	FIG 2.5s	18	4	SG on platform.	Higher intensity beam up and down channel.
		*					4/03
13445	WINDUST RANGE FRONT LIGHT	46 31 59 N 118 34 52 W	Q W	25		KRB on skeleton tower.	Visible 4° each side of range line.
		*					4/03
LAKE HERBERT G. WEST (Chart 18546)							
Lower Monumental							
13510	- LIGHT 4	46 34 12 N 118 30 39 W	FIR 4s	10	3	TR on platform.	
		*					7/03
13515	- LIGHT 5	46 34 45 N 118 29 43 W	FIG 2.5s	15	3	SG on pile.	Ra ref.
		*					7/03
13520	- LIGHT 6	46 34 40 N 118 29 06 W	FIR 6s	45	4	TR on skeleton tower.	
		*					7/03
13525	- LIGHT 7	46 35 09 N 118 29 09 W	FIG 4s	63	4	SG on skeleton tower.	
		*					7/03
13535	- LIGHT 10	46 35 45 N 118 27 59 W	FIR 2.5s	16	4	TR on skeleton tower.	
		*			*		12/03
13540	- LIGHT 11	46 36 03 N 118 27 49 W	FIG 2.5s	16	4	SG on platform.	Higher intensity beam up channel.
		*			*		12/03

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SECTION II

SUMMARY OF 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
13550	- LIGHT 14	46 34 47 N 118 24 55 W	FIR 4s	17	4	TR on platform.	
		*					7/03
13555	- LIGHT 16	46 34 39 N 118 23 33 W	FIR 2.5s	12	4	TR on platform.	
		*			*		12/03
13560	- LIGHT 17	46 35 02 N 118 23 31 W	FIG 2.5s	24	4	SG on skeleton tower.	
		*					12/03
13565	- LIGHT 18	46 34 43 N 118 22 58 W	FIR 6s	15	4	TR on platform.	
		*					7/03
13570	- LIGHT 19	46 35 46 N 118 22 11 W	FIG 6s	12	4	SG on platform.	
		*			*		12/03
13575	- LIGHT 20	46 36 07 N 118 20 57 W	FIR 4s	10	4	TR on skeleton tower.	
		*			*		12/03
13585	- LIGHT 22	46 35 56 N 118 17 54 W	FIR 6s	60	4	TR on platform.	
		*			*		12/03
13590	- LIGHT 24	46 35 29 N 118 16 49 W	FIR 2.5s	10	4	TR on platform.	
		*					7/03
13595	- LIGHT 25	46 35 51 N 118 16 06 W	FIG 4s	17	4	SG on platform.	
		*					7/03
13600	- LIGHT 27	46 36 10 N 118 14 54 W	FIG 2.5s	17	4	SG on platform.	
		*					12/03
13610	TURNER BAY ENTRANCE LIGHT 2 Marks marina entrance.	46 35 15 N 118 13 21 W	FIR 6s	7	4	TR on pedestal.	
		*		*	*		12/03
13615	- LIGHT 29	46 35 05 N 118 12 20 W	FIG 4s	35	4	SG on platform.	
		*			*		12/03
13620	- LIGHT 30						<i>Remove from list.</i>
						*	18/03

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SUMMARY OF 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
13630	- LIGHT 35	46 33 35 N 118 08 11 W	FIG 6s	14	4	SG on platform.	
		*					7/03
13635	- LIGHT 37	46 33 36 N 118 06 48 W	FIG 4s	80	4	SG on platform.	
					*		12/03
13640	- LIGHT 38	46 33 26 N 118 06 34 W	FIR 4s	14	4	TR on platform.	
		*			*		12/03
13645	- LIGHT 39	46 34 31 N 118 05 51 W	FIG 2.5s	20	4	SG on platform.	
		*					12/03
13650	- LIGHT 40	46 34 25 N 118 05 24 W	FIR 6s	16	4	TR on platform.	
		*			*		12/03
13665	- LIGHT 41	46 34 33 N 118 04 11 W	FIG 4s	10	4	SG on skeleton tower.	
		*					12/03
13670	- LIGHT 43	46 34 48 N 118 03 03 W	FIG 6s	20	4	SG on platform.	
		*			*		12/03
Little Goose Reservoir							
13700	- LIGHT 2	46 35 09 N 118 00 25 W	FIR 4s	21	3	TR on pile.	
		*					8/03
13705	- LIGHT 3	46 35 25 N 117 59 29 W	FIG 6s	34	4	SG on skeleton tower.	
		*			*		8/03
13710	- LIGHT 4	46 35 11 N 117 56 05 W	FIR 6s	33	4	TR on platform.	
		*			*		12/03
*Delete Heading: *Little Goose Reservoir							
13715	- LIGHT 5	46 35 20 N 117 54 53 W	FIG 2.5s	15	3	SG on pile.	
		*					7/03
13720	- LIGHT 6	46 35 13 N 117 53 00 W	FIR 2.5s	18	4	TR on platform.	
		*					7/03

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SECTION II

SUMMARY OF 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
13725	- LIGHT 7	46 35 34 N 117 53 24 W	FI G 4s	10	4	SG on platform.	
		*					12/03
13730	- LIGHT 8	46 36 25 N 117 52 32 W	FI R 4s	15	2	TR on skeleton tower.	
		*					12/03
13735	- LIGHT 9	46 37 17 N 117 52 16 W	FI G 2.5s	12	4	SG on platform.	
		*		*	*		12/03
13740	- LIGHT 10	46 37 22 N 117 51 00 W	FI R 6s	27	4	TR on skeleton tower.	
		*					14/03
13745	- LIGHT 11	46 37 42 N 117 51 03 W	FI G 4s	8	4	SG on platform.	
		*			*		14/03
13750	- LIGHT 12	46 37 18 N 117 49 04 W	FI R 2.5s	58	4	TR on platform.	
		*					7/03
13760	- LIGHT 14	46 38 57 N 117 46 01 W	FI R 4s	13	4	TR on platform.	
		*					7/03
13765	- LIGHT 15	46 39 00 N 117 46 20 W	FI G 4s	16	4	SG on dolphin.	
		*			*		14/03
13775	- LIGHT 17	46 41 27 N 117 45 07 W	FI G 6s	13	4	SG on platform.	
		*					7/03
13780	- LIGHT 18	46 41 44 N 117 42 50 W	FI R 4s	27	3	TR on platform.	
		*					7/03
13780	- LIGHT 18					<i>Remove from list.</i>	
						*	18/03
13785	- LIGHT 19	46 42 02 N 117 42 44 W	FI G 2.5s	14	4	SG on dolphin.	
		*		*			14/03
13795	- LIGHT 21	46 42 17 N 117 40 22 W	FI G 4s	14	4	SG on platform.	
		*			*		14/03

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SECTION II

SUMMARY OF 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
13800	- LIGHT 22	46 42 02 N 117 39 35 W	FIR 2.5s	20	4	TR on pile.	
		*					7/03
13805	- LIGHT 23	46 42 11 N 117 39 18 W	FIG 6s	15	4	SG on platform.	
		*			*		14/03
13810	- LIGHT 24	46 41 49 N 117 38 55 W	FIR 4s	27	3	TR on single pile.	
		*					7/03
13815	- LIGHT 25	46 40 48 N 117 37 26 W	FIG 4s	20	4	SG on pile.	
		*			*		14/03
13825	- LIGHT 27	46 40 32 N 117 35 31 W	FIG 6s	20	4	SG on skeleton tower.	
		*			*		14/03
13835	- LIGHT 29	46 40 50 N 117 32 18 W	FIG 4s	21	4	SG on pile.	
		*			*		14/03
13840	- LIGHT 30	46 40 33 N 117 31 28 W	FIR 2.5s	18	3	TR on caisson.	
		*					14/03
13845	ALMOTA RANGE FRONT LIGHT	46 41 34 N 117 29 29 W	QR	30		KRW on pile structure.	Visible all around; higher intensity on rangeline.
		*					7/03
13880	- LIGHT 39	46 42 05 N 117 28 45 W	FIG 2.5s	18	3	SG on platform.	
		*					7/03
13895	- LIGHT 43	46 41 59 N 117 27 44 W	FIG 4s	15	3	SG on platform.	
		*					7/03
Lower Granite Reservoir							
13940	- LIGHT 4	46 38 58 N 117 23 49 W	FIR 4s	33	3	TR on skeleton tower.	
		*					7/03
13950	- LIGHT 6	46 37 08 N 117 23 21 W	FIR 6s	45	4	TR on platform.	
		*			*		14/03
13955	- LIGHT 8	46 36 04 N 117 21 41 W	FIR 4s	43	3	TR on platform.	
		*					14/03

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SECTION II

SUMMARY OF 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
13975	- LIGHT 14	46 30 10 N 117 14 06 W	FI R 6s	10	4	TR on skeleton tower.	
					*		14/03
13995	- LIGHT 17	46 27 02 N 117 12 22 W	FI G 4s	13	4	SG on platform.	
					*		14/03
14015	- LIGHT 20	46 25 06 N 117 11 43 W	FI R 2.5s	36	3	TR on platform.	
		*			*		14/03
14025	- LIGHT 25	46 25 54 N 117 08 49 W	FI G 4s	13	4	SG on platform.	
		*			*		14/03
*Change Note to Read:							
FRANKLIN D. ROOSEVELT LAKE (Southern Part) (Chart 18551)							
Franklin D. Roosevelt Lake							
<i>*Aids maintained from Jun. 15 to Oct. 1.</i>							
14125	- LIGHT A	47 56 48 N 118 56 12 W	FI W 4s	12	6	NB on box.	
							4/03
*Change Note to Read:							
Spokane River Arm							
<i>*Aids maintained from Jun. 15 to Oct. 1.</i>							
14210	- JUNCTION LIGHT S		FI (2+1) R 6s	23	4	JR on box.	
							4/03
*Change Note to Read:							
Franklin D. Roosevelt Lake							
<i>*Aids maintained from Jun. 15 to Oct. 1.</i>							
14260	- Buoy 12					Red nun.	
							4/03
*Change Note to Read:							
FRANKLIN D. ROOSEVELT LAKE (Northern Part) (Chart 18553)							
Franklin D. Roosevelt Lake							
<i>*Aids maintained from Jun. 15 to Oct. 1.</i>							
14305	- LIGHT T		FI W 4s	10	6	NB on box.	
							4/03
14375	- Buoy 19	48 40 54 N 118 01 46 W				Green can.	Maintained from May 15 to Nov. 1.
		*					4/03

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SECTION II

SUMMARY OF 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
14835	SAUVIE ISLAND JUNCTION LIGHT	45 51 39 N 122 47 27 W	FI (2+1) R 6s	15	4	JR on pile structure.	
		*		*	*		16/03
14835	SAUVIE ISLAND JUNCTION LIGHT	46 51 39 N 122 47 27 W	FI (2+1) R 6s	35	3	JR on pile structure.	
		*		*	*		15/03
14990	Stevens Point Buoy 5	45 28 11 N 122 39 57 W				Green can.	
		*					9/03
15625	- South Reach Lighted Buoy 15	46 55 25 N 124 06 09 W	Q G		5	Green.	
		*			*		12/03
APPROACHES TO STRAIT OF JUAN DE FUCA (Chart 18480)							
Quillayute River							
16075 740	- Approach Lighted Whistle Buoy Q	47 53 08 N 124 40 34 W	Mo (A) W		5	Red and white stripes.	No topmark will be shown on this aid as required by IALA standards due to weather.
							* 4/03
16090	- DIRECTION LIGHT	47 54 27 N 124 38 41 W	Iso W 6s (R & G Sectors)	25		On pile structure. On same structure as Quillayute River Entrance Light 3.	White visible 1° each side of centerline of channel bearing 005.5°. Red visible from 003° to 004.5°. Green visible from 006.5° to 008°.
						*	4/03
16095	- ENTRANCE LIGHT 3	47 54 27 N 124 38 41 W	FI G 4s	25	4	SG on pile structure. On same structure as Quillayute River Direction Light.	Obscured from 003° to 008°.
						*	4/03
STRAIT OF JUAN DE FUCA ENTRANCE (Chart 18460)							
Strait of Juan De Fuca							
16135 755	- Traffic Lane Separation Lighted Buoy J	48 29 37 N 125 00 00 W	FI Y 4s		4	Yellow.	RACON: O (---).
					*		4/03
16145 760	Cape Flattery Light	48 23 30 N 124 44 12 W	FI (2) W 20s	165	W 18	White conical tower on white sandstone dwelling. 57	Light is obscured from 271° to 007.5°. Emergency light Iso W 6s. Operates at reduced intensity. HORN: 2 blasts ev 60s (3s bl-3s si-3s bl-51s si). Operates continuously.
							* 4/03
16165	Neah Bay Inner Light 4	48 22 30 N 124 36 01 W	FI R 2.5s		3	TR on pile structure.	
		*					4/03

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SECTION II

SUMMARY OF 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
16170	<i>Dtokoah Point Lighted Bell Buoy 1</i>	48 22 37 N 124 35 16 W	FI G 4s		5	Green.	
		*			*		14/03
16185	<i>Clallam Reef Lighted Bell Buoy 1</i>	48 16 06 N 124 15 28 W	FI G 4s		4	Green.	
		*					14/03
*Delete Headings: *STRAIT OF JUAN DE FUCA (Eastern Part) (Chart 18465) *Strait of Juan De Fuca							
16200	Ideal Cement Range Front Daybeacon						<i>Remove from list.</i>
						*	4/03
*Add Headings: *STRAIT OF JUAN DE FUCA (Eastern Part) (Chart 18465) *Strait of Juan De Fuca							
16210	WHIFFIN SPIT LIGHT (C)	48 21 30 N 123 42 42 W	Q W	22	7	White circular tower with green band at top on a white rectangular building.	HORN: 1 blast ev 30s (3s bl). Operated only on request to Vancouver Coast Guard Radio.
							4/03
16285	<i>- Lighted Buoy 2</i>	48 08 20 N 123 23 58 W	FI R 2.5s		5	Red.	
					*		14/03
16290	Port Angeles Harbor Buoy 1	48 07 21 N 123 24 31 W				Green can.	
		*					14/03
16315	<i>- Boat Haven Lighted Buoy 3</i>	48 07 43 N 123 26 54 W	FI G 4s		4	Green.	
		*					14/03
16340	<i>Rosario Strait Traffic Lane Entrance Lighted Buoy R</i>	48 16 25 N 123 06 35 W	FI Y 4s		6	Yellow.	RACON: T (-).
		*					14/03
16355	<i>New Dungeness Sand Spit Lighted Bell Buoy 2</i>	48 11 32 N 123 05 41 W	FI R 4s		3	Red.	
		*					14/03
16362	<i>Hein Bank Lighted Buoy 1</i>	48 22 01 N 123 02 11 W	FI G 6s		5	Green.	RACON: K(- • -).
		*					14/03
16365	<i>Salmon Bank Lighted Gong Buoy 3</i>	48 25 36 N 122 58 37 W	FI G 4s		5	Green.	
		*			*		9/03

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SECTION II

SUMMARY OF 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
16370	<i>Rosario Strait Traffic Lane Separation Lighted Buoy RA</i>	48 19 45 N 122 58 39 W	FI Y 4s		6	Yellow.	RACON: N (- •)
						*	9/03
16385	Partridge Bank Buoy 1	48 15 32 N 122 50 12 W				Green can.	
		*					10/03
16395	<i>Point Partridge Lighted Bell Buoy 5</i>	48 13 15 N 122 47 00 W	FI G 4s		5	Green.	
		*			*		10/03
Strait of Juan De Fuca							
16460	Protection Island Southwest Spit Buoy 1	48 06 52 N 122 57 54 W				Green can.	
		*					10/03
16465	McCurdy Point Buoy 4	48 08 42 N 122 50 40 W				Red nun.	
		*					10/03
16490 17520	<i>Point Hudson Spit Lighted Bell Buoy 2</i>	48 07 27 N 122 44 40 W	FI R 4s		4	Red.	
		*					12/03
16500	MARROWSTONE POINT LIGHT	48 06 06 N 122 41 16 W	Oc W 4s	28	9	White square structure. 20	Light obscured from 040° to 090°. HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si).
		*					4/03
16510	<i>Puget Sound Traffic Lane Separation Lighted Buoy SC</i>	48 01 51 N 122 38 10 W	FI Y 4s		4	Yellow.	
		*					10/03
16525	<i>Double Bluff Lighted Buoy 1</i>	47 57 58 N 122 33 16 W	FI G 4s		4	Green.	
		*					10/03
16530	<i>Puget Sound Traffic Lane Separation Lighted Buoy SD</i>	47 57 52 N 122 34 47 W	FI Y 4s		6	Yellow.	
		*					10/03
16535	<i>Foulweather Bluff Lighted Bell Buoy 2</i>	47 56 50 N 122 36 06 W	FI R 4s		4	Red.	
		*					12/03

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SECTION II

SUMMARY OF 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
Puget Sound							
16550	Point No Point Light	47 54 44 N 122 31 37 W	FI (3) W 10s 0.1s fl 5.9s ec.	27	17	White octagonal tower on building. 20	Emergency light Iso W 6s, operates at reduced intensity. Lighted throughout 24 hours. HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si).
		*					* 9/03
16695	Edmonds Dock Fog Signal						<i>Remove from list.</i>
							* 9/03
16705	EDMONDS SOUTH BREAKWATER LIGHT	47 48 31 N 122 23 30 W	FI Y 4s	18		On multi-pile structure.	Private aid.
		*					4/03
16718	EDMONDS FERRY TERMINAL LIGHTS (2)	47 48 49 N 122 23 10 W	FI Y 10s	30		On dolphin.	Private aid. HORN: 2 blasts ev 30s (5s bl).
		*					4/03
16745	<i>Puget Sound Traffic Lane Separation Lighted Buoy SF</i>	47 45 54 N 122 26 15 W	FI Y 4s		6	Yellow.	RACON: G (- - •).
		*					12/03
16765	<i>Meadow Point Lighted Buoy 1</i>	47 41 47 N 122 24 35 W	FI G 4s		5	Green.	
		*			*		12/03
16815	<i>Puget Sound Traffic Lane Separation Lighted Buoy SG</i>	47 39 41 N 122 27 52 W	FI Y 4s		6	Yellow.	RACON: N (- •).
	*	*					12/03
16820	Wing Point Reef Buoy 2	47 36 44 N 122 29 08 W				Red nun.	
		*					12/03
16840	Smith Cove Buoy 1	47 37 42 N 122 23 05 W				Green can.	
		*					10/03
16910	Duwamish Head Light	47 35 56 N 122 23 16 W	FI W 2.5s	15	18	NB on pile structure.	Obscured from 324° to 045°. HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s si).
		*					4/03
17085	<i>Puget Sound Traffic Lane Separation Lighted Buoy TC</i>	47 19 29 N 122 27 23 W	FI Y 2.5s		6	Yellow.	
			*				* 13/03
17085	<i>Puget Sound Traffic Lane Separation Lighted Buoy TC</i>	47 19 29 N 122 27 23 W	FI Y 4s FI Y 2.5s		6	Yellow.	High intensity flash tube FI Y 2.5s.
		*					* 10/03

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SECTION II

SUMMARY OF 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
17105	- LIGHT 3	47 27 42 N 122 30 34 W	FI G 6s	15	4	SG on pile.	
		*					4/03
17120	- LIGHT 6	47 22 37 N 122 32 18 W	FI R 4s	15	4	TR on pile structure.	Light obscured from 022° to 153°.
		*					4/03
17159	COMMENCEMENT BAY DIRECTIONAL LIGHT	47 16 49 N 122 24 52 W	FI (2+1) W 6s (R & G sectors)	20	W 9 R 7 G 7	On skeleton tower.	Centerline bearing 124°. White visible 3.25° each side of centerline. Red visible from 116.5° to 120.75°. Green visible from 127.25° to 131.5°.
		*	*	*		*	4/03
17167	- Light 2	47 16 18 N 122 24 13 W	Iso R 6s	53	10	Skeleton tower.	Lighted throughout 24 hours.
		*					4/03
17175	ARMY RESERVE PIER 23 LIGHT A	47 17 06 N 122 24 52 W	F Y	7		On corner of pier.	Private aid. HORN 1 bl ev 15s (2s bl) (0.0s bl).
	*	*	*			*	* 17/03
17180	ARMY RESERVE PIER 23 LIGHT B	47 17 06 N 122 24 52 W	F Y	7		On corner of pier.	Private aid.
	*	*	*			*	17/03
	*Delete Heading: *Hylebos Waterway						
17185	Hylebos Waterway West Fog Signal						Remove from list.
							* 17/03
	*Add Heading: *Hylebos Waterway						
17190	PORT OF TACOMA PIER NO. 25 LIGHT	47 17 06 N 122 24 36 W	F R	7			Private aid.
							17/03
17240	STATE FISHERIES SALMON PEN LIGHTS (2) Marks fish pens.						Remove from list.
							* 4/03
17350	Nisqually Flats Lighted Buoy 1	47 06 43 N 122 41 54 W	FI G 2.5s		5	Green.	
		*					10/03
17360	Nisqually Flats Lighted Buoy 3	47 07 20 N 122 45 06 W	FI G 4s		5	Green.	
		*					10/03

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SECTION II

SUMMARY OF 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
PUGET SOUND - Northern Part (Chart 18441)							
Port Townsend and Oak Bay							
17520 16490	<i>Point Hudson Spit Lighted Bell Buoy 2</i>	48 07 27 N 122 44 40 W	F I R 4s		4	Red.	
		*					12/03
17564	- <i>Lighted Buoy 1</i>	48 04 59 N 122 44 54 W	F I G 2.5s			Green can.	
		*					12/03
17575	- CANAL LIGHT 4	48 01 58 N 122 44 02 W	F I R 4s	15	3	TR on skeleton tower.	
						*	4/03
17705	Port Ludlow Buoy 2 Marks southerly limit of Colvos Rocks.	47 56 40 N 122 39 31 W				Red nun.	
		*					12/03
17714	PORT LUDLOW MARINA LIGHTS (3)	47 55 19 N 122 41 08 W	F Y	7		On floating pier.	Private aids.
							4/03
17745	PORT GAMBLE LIGHT 1	47 51 44 N 122 34 37 W	F I G 4s	15	4	SG on dolphin.	
						*	10/03
17780	CASE SHOAL LIGHT 6	47 50 44 N 122 40 17 W	F I R 2.5s	15	5	TR on pile.	Ra ref.
		*					4/03
17820	- LIGHT 10	47 45 03 N 122 45 19 W	F I R 4s	16	6	TR on multi-pile structure.	High intensity beam up and down channel. Light obscured from 029° to 170°.
		*					4/03
17910	LYNCH COVE DOCK LIGHT 3						<i>Remove from list.</i>
							*
							4/03
*17920	Port Madison Regulatory Buoy A	47 42 19 N 122 31 41 W				White can with orange markings.	Private aid.
							11/03
17940	<i>Agate Passage Lighted Buoy 4</i>	47 42 32 N 122 34 11 W	F I R 4s		3	Red.	
		*					12/03
*17956	Manzanita Bay Regulatory Buoy A	47 40 29 N 122 33 59 W				White with orange markings.	Private aid.
							10/03

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SUMMARY OF 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
*17957	Manzanita Bay Regulatory Buoy B	47 40 12 N 122 34 05 W				White with orange markings.	Private aid. 10/03
*17958	Manzanita Bay Regulatory Buoy C	47 40 12 N 122 34 00 W				White with orange markings.	Private aid. 10/03
*17959	Manzanita Bay Regulatory Buoy D	47 39 55 N 122 34 06 W				White with orange markings.	Private aid. 10/03
18010	- LIGHT 4	47 37 19 N 122 29 51 W	F I R 4s	15	4	TR on dolphin.	Higher intensity beam down channel. Ra ref. 4/03
	*						
	Rich Passage						
18030	<i>Bainbridge Reef Lighted Buoy 4</i>	47 34 05 N 122 31 08 W	F I R 4s		4	Red.	 12/03
	*						
18065	- <i>Lighted Buoy 8</i>	47 35 36 N 122 32 33 W	F I R 2.5s		5	Red.	 12/03
	*				*		
18125	- Entrance Buoy 1	47 40 46 N 122 24 54 W				Green can.	 12/03
	*						
18130	- Entrance Buoy 2	47 40 39 N 122 24 57 W				Red nun.	 12/03
	*						
18150	- Channel Buoy 7	47 40 26 N 122 24 35 W				Green can.	 14/03
	*						
18205	- <i>Lighted Buoy 11</i>	47 38 37 N 122 20 01 W	F I G 6s		4	Green.	 10/03
	*				*		
18215	NATIONAL OCEAN SERVICE DOLPHIN LIGHT	47 38 12 N 122 19 51 W	F Y	15		Dolphin.	Private aid. * 5/03
18215	NATIONAL OCEAN SERVICE DOLPHIN LIGHT	47 38 12 N 122 19 51 W	F Y	15		Dolphin.	Private aid. Private aid. * 4/03

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SUMMARY OF 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
Union Bay Channel							
18245	- Buoy 15	47 38 51 N 122 17 53 W				Green can.	
		*					4/03
18295	<i>Kenmore Channel Lighted Buoy 2</i>	47 45 08 N 122 15 47 W	F I R 2.5s		3	Red.	
		*					10/03
18300	<i>Kenmore Channel Lighted Buoy 4</i>	47 45 14 N 122 15 40 W	F I R 4s		3	Red.	
		*					10/03
18391	Mercer Island Pipeline Buoy						<i>Remove from list.</i>
							* 9/03
Totten Inlet							
18410	Totten Inlet Aquaculture Lights (2)	47 07 40 N 123 01 01 W	F I Y 4s	3		On floating fish pen.	Private aid.
							4/03
18506	-NAVY LOG BOOM LIGHT A	47 58 51 N 122 14 03 W	Q Y	5		On log boom.	Navy Maintained.
	*	*	*	*		*	* 5/03
*18507	-NAVY LOG BOOM LIGHT B	47 58 47 N 122 13 51 W	Q Y	5		On log boom.	Navy Maintained.
							5/03
*18508	NAVY LOG BOOM LIGHT C	47 58 45 N 122 13 46 W	Q Y	5		On log boom.	Navy Maintained.
							5/03
*18509	NAVY LOG BOOM LIGHT D	47 58 59 N 122 13 32 W	Q Y	5		On log boom.	Navy Maintained.
							5/03
18610	SANDY POINT LIGHT 1	48 02 03 N 122 22 35 W	F I G 4s	24	4	SG on cassion.	
		*			*		4/03
Saratoga Passage							
18620	EAST POINT LIGHT 3	48 05 49 N 122 29 29 W	F I G 6s	21	6	SG on steel tower.	
		*					4/03
18630	ONAMAC POINT LIGHT 6	48 11 01 N 122 32 12 W	F I R 6s	15	5	TR on platform.	
		*			*		4/03

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SECTION II

SUMMARY OF 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
STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA (Chart 18421)							
Skagit Bay							
18755	- Buoy 2	48 16 17 N 122 30 17 W				Red nun.	
		*					12/03
18865	- Buoy 20	48 25 12 N 122 30 02 W				Red nun.	
		*					10/03
18885	HOPE ISLAND LIGHT 14	48 23 45 N 122 34 43 W	FI R 2.5s	23	4	TR on skeleton tower.	
		*					4/03
18895	- LIGHT 1	48 24 29 N 122 39 24 W	FI G 4s	60	6	SG on white cylindrical house on skeleton tower.	
		*					4/03
18965	- Lighted Buoy 3	48 31 18 N 122 39 23 W	FI G 2.5s		5	Green.	
		*				*	12/03
18975	- Lighted Buoy 5	48 31 24 N 122 38 27 W	FI G 4s		5	Green.	
		*				*	12/03
19020	- Lighted Bell Buoy 4	48 34 44 N 122 35 47 W	FI R 4s		4	Red.	
		*					12/03
19025	- Lighted Gong Buoy 5	48 33 32 N 122 34 28 W	FI G 4s		4	Green.	
		*					10/03
Anacortes Harbor							
19040	Fidalgo Bay Shoal Buoy 2	48 30 36 N 122 35 07 W				Red nun.	
		*					12/03
19045	- Junction Lighted Buoy A	48 30 41 N 122 35 38 W	FI (2+1) R 6s		4	Red and green bands.	
		*					12/03
19077	- Buoy 3	48 30 35 N 122 33 07 W				Green can.	
		*					10/03
19095	- Buoy 8	48 29 37 N 122 32 38 W				Red nun.	
		*					10/03

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SECTION II

SUMMARY OF 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
19100	- Buoy 12	48 29 06 N 122 32 14 W				Red nun.	
		*					10/03
19140	- Buoy 28	48 27 50 N 122 31 11 W				Red nun.	
		*					10/03
19150	- Buoy 29	48 27 51 N 122 31 07 W				Green can.	
		*					10/03
19170	- Lighted Bell Buoy 4	48 32 11 N 122 40 10 W	F I R 4s		5	Red.	
		*					12/03
19180	- Lighted Buoy 6	48 35 27 N 122 39 07 W	F I R 4s		4	Red.	
		*					12/03
19190	- Buoy 8	48 36 16 N 122 37 48 W				Red nun.	
		*					10/03
Bellingham Bay							
19220	Post Point Lighted Bell Buoy 2	48 42 49 N 122 31 45 W	F I R 4s		5	Red.	
		*					12/03
19235	WHATCOM WATERWAY PIER LIGHT 2	48 44 39 N 122 29 45 W	F I R 6s	16	5	On end of pier.	
		*					4/03
19256	I. and J. Waterway Buoy 2	48 45 02 N 122 29 57 W				Red nun.	
		*					10/03
19285	- Rocks Junction Lighted Buoy Marks south edge of rocks.	48 40 25 N 122 35 28 W	F I (2+1) R 6s		5	Red and green bands.	
		*					10/03
19305	Point Francis Shoal Buoy 4	48 41 41 N 122 38 16 W				Red nun.	
		*					12/03
19310	Lummi Point Lighted Buoy 5	48 44 05 N 122 41 11 W	F I G 4s		5	Green.	
		*					12/03

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SUMMARY OF 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
19330	<i>Lawson Reef Lighted Bell Buoy 2</i>	48 24 41 N 122 46 24 W	FIR 2.5s		4	Red.	
		*					13/03
19370	LOPEZ PASS LIGHT 2	48 28 52 N 122 49 06 W	FI R 4s	21	5	TR on house.	
		*					13/03
19390	Center Island Reef Daybeacon 6	48 29 04 N 122 50 12 W				TR on pile.	Ra ref.
		*					13/03
19400	<i>Reef Point Junction Lighted Buoy</i>	48 31 44 N 122 43 33 W	FI (2+1) R 6s		5	Red and green bands.	
		*					13/03
19415	BLAKELY ISLAND LIGHT 4	48 31 52 N 122 48 35 W	FI R 6s	15	4	TR on pile.	
		*		*	*		13/03
19445	Shag Rock Daybeacon	48 35 30 N 122 52 31 W				NW on spindle worded DANGER ROCKS.	
		*					13/03
19450	PEAVINE PASS LIGHT 1	48 35 16 N 122 49 20 W	FI G 4s	22	4	SG on skeleton tower.	
		*			*		13/03
19460	Peavine Pass Rocks Daybeacon	48 35 19 N 122 48 04 W				NR on spindle.	Ra ref.
		*					13/03
19465	TIDE POINT LIGHT 12	48 35 06 N 122 44 28 W	FIR 2.5s	15	4	TR on pile.	
		*					13/03
19475	<i>Lydia Shoal Lighted Gong Buoy 13</i>	48 35 58 N 122 46 45 W	Q G		4	Green.	
		*			*		10/03
19480	Cypress Reef Daybeacon C	48 36 47 N 122 43 21 W				JR on pile.	
		*					13/03
19500	<i>Boulder Reef Lighted Bell Buoy 2</i>	48 38 17 N 122 41 42 W	FI R 4s		4	Red.	
		*					13/03
19505	<i>Sinclair Island Lighted Bell Buoy 4</i>	48 38 17 N 122 40 05 W	FIR 2.5s		5	Red.	
					*		10/03

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SUMMARY OF 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
19510	LUMMI ROCKS LIGHT 16A	48 40 10 N 122 40 07 W	FI R 6s	20	5	TR skeleton tower.	
		*					13/03
19515	THE SISTERS LIGHT 17	48 41 40 N 122 45 25 W	FI G 2.5s	40	4	SG on structure.	
		*					13/03
San Juan Channel							
19540	ICEBERG POINT LIGHT 2	48 25 19 N 122 53 39 W	FI R 4s	35	7	TR on white square concrete house.	HORN: 1 blast ev 30s (3s bl).
		*					4/03
19550	Twin Rocks Daybeacon	48 26 46 N 122 54 44 W				NR on iron spindle.	
		*					13/03
19775	<i>Danger Shoal Lighted Horn Buoy</i> Southwest of shoal.	48 38 18 N 123 10 57 W	FI (2+1) G 6s		5	Green and red bands.	HORN: 1 blast ev 30s (3s bl).
					*		10/03
19845	Orcas Island North Shore Daybeacon	48 42 56 N 122 53 35 W				NW on pile worded DANGER SUBMERGED ROCKS.	Maintained from Mar. 15 to Oct. 15.
		*					13/03
19855	Ewing Island Reef Daybeacon	48 45 41 N 122 52 35 W				NW on pile worded DANGER REEF.	Maintained from Mar. 15 to Oct. 15.
		*					13/03
19880	SANDY POINT LIGHT 2	48 47 13 N 122 42 45 W	FI R 4s	16	4	TR on pile.	
		*			*		13/03
Strait of Georgia							
19886	SANDY POINT LIGHT 3	48 47 17 N 122 42 43 W	FI G 2.5s	15	4	SG on pile.	
		*					13/03
19920	- LIGHT 4	48 59 32 N 122 47 03 W	FI R 6s	15	6	TR on pile structure.	Visible from 024° to 294°.
	*	*	*	*	*	*	9/03
Boundary Bay							
19945	- <i>Lighted Bell Buoy 4</i>	48 57 06 N 122 59 13 W	FI R 4s		5	Red.	
	*						17/03
19950	- MARINA LIGHT 1	48 58 24 N 123 03 53 W	FI G 4s	15		On pile.	Private aid.
	*	*					17/03

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SECTION II

SUMMARY OF 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
19955	- MARINA LIGHT 2	48 58 23 N 123 03 49 W	FI R 4s	20		TR on breakwater.	Private aid.
	*	*				*	17/03
*19957	- Marina Daybeacon 3	48 58 26 N 123 03 51 W				SG on dolphin.	Private aid.
							17/03
19960	- MARINA BREAKWATER LIGHT	48 58 26 N 123 03 44 W	FI Y 10s	20		On breakwater.	Private aid.
	*	*				*	17/03
*19962	- Marina Warning Daybeacon	48 58 29 N 123 03 44 W				NW on pile.	Private aid.
							17/03
19965	- Light	48 58 17 N 123 05 01 W	FI (2) W 15s 0.1s fl 4.9s ec. 0.1s fl 9.9s ec.	30	15	NR on skeleton tower. 25	
	*	*					17/03
	*Delete Heading: *Boundary Bay						
19969	INTERNATIONAL BOUNDARY LIGHT A	49 00 07 N 123 06 44 W	Q W	25	6	Concrete structure.	
	*	*			*		12/03
	*Change Note to Read: International Boundary						
	<i>*Boundary Ranges A, B, C (front and rear), and Obstruction Light are maintained by the International Boundary Commission, United States and Canada.</i>						
19970	- RANGE A FRONT LIGHT	49 00 05 N 123 05 23 W	F W (G & R sectors)	180		Rectangular shaped orange daymark on gray skeleton tower.	Fixed Red from 087.5° to 088.5°; oscillating Red and White from 088.5° to 089.5°; fixed White from 089.5° to 090.5°; oscillating White and Green from 090.5° to 091.5°; fixed Green from 091.5° to 092.5°. Lighted throughout 24 hours.
							11/03
	*Add Heading: *LAKE PEND OREILLE (Chart 18554)						
*20118	Navy Lighted Mooring Buoy B2	48 05 32 N 116 28 46 W	Q Y			White can with orange markings.	Navy maintained.
							11/03
*20120	Navy Lighted Mooring Buoy B3	48 05 32 N 116 29 20 W	Q Y			White can with orange markings.	Navy maintained.
							11/03
*20122	Navy Weather Lighted Buoy	48 05 20 N 116 29 15 W	FI Y 2s			Orange sphere.	Navy Maintained.
							11/03

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*20124	Navy Hauldown Submerged Buoy	48 05 18 N 116 29 04 W				Yellow float.	Float submerges 100ft when tests are underway. Navy maintained. 11/03
*20126	Navy Lighted Mooring Buoy B1	48 05 08 N 116 28 45 W	Q Y			White can with orange markings.	Navy maintained. 11/03
*20128	Navy Lighted Mooring Buoy	48 05 07 N 116 29 20 W	Q Y			White can with orange markings.	Navy maintained. 11/03
*20130	Navy Hauldown Lighted Buoy	48 04 53 N 116 31 36 W	FI Y 2s			White can with orange markings.	Navy maintained. 11/03
*20132	NAVY OUTPOST PIER LIGHT	48 04 52 N 116 31 43 W	FI Y 2s			On pier.	Navy maintained. 11/03
*20133	NAVY DEEP MOORING 2 LIGHT	48 03 38 N 116 30 03 W	FI Y 2s			On float.	Navy maintained. 11/03
*20138	Navy Hauldown 3 Submerged Buoy	48 01 45 N 116 30 08 W					Buoy is 50ft below waters surface. Navy maintained. 11/03
*20140	NAVY OUTBOARD HAULDOWN 3 LIGHT	48 01 40 N 116 30 35 W	FI Y 2s			On orange and white float.	Navy maintained. 11/03
*20142	NAVY INBOARD HAULDOWN 3 LIGHT	48 01 35 N 116 31 04 W	FI Y 2s			On orange and white float.	Navy maintained. 11/03
*20144	NAVY WIGWAM PIER LIGHT	48 01 31 N 116 31 27 W	FI Y 2s	10		On pier.	Navy maintained. 11/03
*20146	NAVY DEEP MOORING 1 LIGHT	48 01 20 N 116 29 45 W	FI Y 2s			On float.	Navy maintained. 11/03
*20160	NAVY BARGE LIGHT B	47 58 47 N 116 32 06 W	FI Y 2s			On barge.	Navy maintained. 11/03
*20162	NAVY BARGE LIGHT A	47 58 48 N 116 32 06 W	FI Y 2s			On barge.	Navy maintained. 11/03
*20164	NAVY TRANSFORMER FLOAT LIGHT B	47 58 47 N 116 32 08 W	FI Y 2s			On barge.	Navy maintained. 11/03

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*20166	NAVY TRANSFORMER FLOAT LIGHT A	47 58 47 N 116 32 10 W	FI Y 2s			On barge.	Navy maintained. 11/03
*20168	NAVY HARBOR ENTRANCE LIGHT 2	47 58 43 N 116 33 31 W	FI R 2s	10		On pile.	Navy maintained. 11/03
*20170	NAVY HARBOR ENTRANCE LIGHT 1	47 58 42 N 116 33 30 W	FI G 2s	10		On pile.	Navy maintained. 11/03
20295	- LIGHT I	47 40 42 N 106 59 14 W	FI W 6s	20	6	NB on platform.	 14/03
		*	*		*		
20500	Point Atkinson Light (C)	49 19 49 N 123 15 53 W	FI (2) W 5s 0.25s fl 0.75s ec. 0.25s fl 3.75s ec.	108	15	White hexagonal tower, with buttresses.	Emergency light. 13/03
		*			*		
22160	STANDARD OIL COMPANY PIER LIGHTS (2)						<i>Remove from list.</i> *
							4/03
22460	RATZ HARBOR ENTRANCE LIGHT	55 53 16 N 132 35 53 W	FI W 4s	20	5	NR on skeleton tower.	 4/03
		*					4/03
23145	PETERSBURG CREEK RANGE REAR LIGHT 341 yards, 353.2° from front light.	56 48 38 N 132 59 18 W	F Y	24		KRW on dolphin.	Visible 4° each side of rangeline. 4/03
		*					4/03
23150	- CHANNEL LIGHT 54	56 48 13 N 132 59 09 W	FI R 2.5s	15	3	TR on steel pile structure.	 4/03
		*					4/03
23155	- CHANNEL LIGHT 56	56 48 22 N 132 59 06 W	Q R	15	3	TR on pile structure.	 4/03
		*					4/03
23160	- CHANNEL LIGHT 58	56 48 29 N 132 58 57 W	FI R 2.5s	15	3	TR on steel pile structure.	 4/03
		*					4/03
23165	PETERSBURG BAR RANGE FRONT LIGHT	56 48 22 N 132 59 23 W	F Y	13		KRW on steel pile structure.	Visible 4° each side of rangeline. 4/03
		*					4/03

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SUMMARY OF 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
23170	PETERSBURG BAR RANGE REAR LIGHT 519 yards, 235.5° from front light.	56 48 14 N 132 59 23 W	F Y	30		KRW on pile structure.	Visible 4° each side of rangeline.
		*					4/03
23173	MARINE HIGHWAY TERMINAL LIGHTS (2)	56 48 29 N 132 58 39 W	F R	15		On pier.	Private aids.
		*					4/03
23175	PETRO MARINE FUEL DOCK LIGHTS (2)	56 48 37 N 132 58 13 W	F R	13		On pier.	Private aids.
		*					4/03
23180	CHATHAM STRAIT SEAFOOD PIER LIGHTS (2)	56 48 46 N 132 57 52 W	F R	18		On building.	Private aids.
		*					4/03
23185	- Channel Lighted Buoy 59	56 48 55 N 132 58 02 W	FIG 2.5s		3	Green.	
		*					4/03
23190	PETERSBURG FISHERIES INCORPORATED (PFI) DOCK LIGHTS (2)		F R	14		On building.	Private aids.
		*					4/03
23191	PETERSBURG FISHERIES INCORPORATED (PFI) DOLPHIN LIGHT	56 48 57 N 132 57 31 W	F R	15		On dolphin.	Private aid.
		*					4/03
23195	- Channel Lighted Buoy 60	56 49 02 N 132 57 29 W	FIR 2.5s		4	Red.	
		*					4/03
23200	- Channel Daybeacon 61	56 49 31 N 132 56 44 W				SG on post.	
		*					4/03
23205	- Channel Lighted Buoy 62	56 49 35 N 132 56 04 W	FIR 4s		4	Red.	
		*					4/03
23210	- North Entrance Lighted Bell Buoy WN	56 49 46 N 132 55 47 W	Mo (A) W		5	Red and white stripes with red spherical topmark.	
		*					4/03

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ETOLIN ISLAND TO MIDWAY ISLANDS (Chart 17360)							
Frederick Sound							
23215	SUKOI ISLETS LIGHT	56 53 44 N 132 56 36 W	FI W 4s	18	6	NR on skeleton tower on concrete pier.	Obscured from 177° to 329°.
		*					4/03
23220	Beacon Point Daybeacon BP	56 56 22 N 132 59 45 W				SG on skeleton tower.	
		*					4/03
23225	<i>Thomas Bay Entrance Lighted Bell Buoy 2</i>	56 59 06 N 132 57 52 W	FI R 6s		4	Red.	
		*					4/03
23230	Thomas Bay Entrance Buoy 1	56 59 16 N 132 58 16 W				Green can.	
		*					4/03
23240	CAPE STRAIT LIGHT	56 59 53 N 133 05 32 W	FI W 6s	30	6	NR on skeleton tower.	Obscured from 314.5° to 120°.
		*					4/03
23245	GRAND POINT LIGHT	57 05 28 N 133 11 13 W	FI W 4s	16	7	NR on pile.	Obscured from 189° to 305°.
		*					4/03
23250	PORTAGE BAY LIGHT 3	57 00 17 N 133 19 27 W	FI G 4s	16	5	SG on skeleton tower.	Obscured from 201° to 329°.
		*					4/03
23255	Portage Bay Daybeacon 2	57 00 31 N 133 19 44 W				TR on skeleton tower.	
		*					4/03
23260	CAPE FANSHAW LIGHT	57 11 07 N 133 34 26 W	FI W 4s	33	7	NR on skeleton tower.	Obscured from 210° to 299°.
		*					4/03
Stephens Passage							
23265	BIRD ROCK LIGHT 2	57 12 29 N 133 35 24 W	FI R 2.5s	30	5	TR on skeleton tower.	
		*					4/03
23270	DUCK POINT LIGHT	57 12 42 N 133 30 59 W	FI W 6s	17	6	NR on skeleton tower.	Obscured from 140° to 257°.
		*					4/03
23275	BILL POINT LIGHT	57 15 04 N 133 32 36 W	FI W 4s	12	6	NR on pile.	Obscured from 264° to 338°.
		*					4/03

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
23280	Five Finger Light	57 16 13 N 133 37 53 W	FI W 10s	81	18	White concrete tower rising from center of building. 68	Emergency light FI W 10s of reduced intensity when main light is extinguished.
		*					4/03
	Sumner Strait						
23285	<i>Five Fathom Shoal Lighted Buoy F</i>	56 21 51 N 133 14 03 W	FI (2+1) R 6s		4	Red and green bands.	
		*					4/03
23290	THE EYE OPENER LIGHT	56 23 09 N 133 16 36 W	FI W 2.5s	28	7	NR on skeleton tower on brown cylindrical base.	
		*					4/03
23295	POINT BAKER LIGHT	56 21 33 N 133 37 05 W	FI W 6s	20	6	NR on skeleton tower.	
		*					4/03
23300	Point Baker Anchorage Daybeacon	56 21 20 N 133 37 09 W		22		NR on small house.	
		*					4/03
23305	<i>Helm Rock Lighted Buoy 8</i>	56 22 09 N 133 38 34 W	FI R 4s		4	Red.	
		*					4/03
23305.1	- ENTRANCE LIGHT	56 31 38 N 133 43 50 W	FI W 6s	20	4	NR on pile.	
		*					4/03
23305.2	- Daybeacon 2	56 33 55 N 133 43 25 W				TR on pile.	
		*					4/03
23305.3	- Daybeacon 4	56 34 48 N 133 42 49 W				TR on pile.	
		*					4/03
23305.35	- Daybeacon 4A	56 34 59 N 133 42 32 W				TR on pile.	
		*					4/03
23305.4	- Daybeacon 6	56 35 09 N 133 42 08 W				TR on pile.	
		*					4/03
23305.5	- Daybeacon 8	56 35 38 N 133 40 55 W				TR on pile.	
		*					4/03
23305.6	- Daybeacon 9	56 36 31 N 133 41 05 W				SG on pile.	
		*					4/03

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
23305.7	- Daybeacon 10	56 36 40 N 133 41 00 W				TR on pile.	
		*					4/03
23305.8	- Daybeacon 11	56 37 12 N 133 40 55 W				SG on pile.	
		*					4/03
23305.9	- Daybeacon 13	56 38 04 N 133 41 07 W				SG on pile.	
		*					4/03
23306	- Daybeacon 15	56 38 09 N 133 41 14 W				SG on pile.	
		*					4/03
23306.1	- Daybeacon 17	56 38 10 N 133 41 41 W				SG on pile.	
		*					4/03
23306.2	- Daybeacon 18	56 38 29 N 133 42 19 W				TR on pile.	
		*					4/03
23306.3	- Daybeacon 19	56 38 33 N 133 42 32 W				SG on pile.	
		*					4/03
23306.4	- Daybeacon 21	56 39 25 N 133 43 13 W				SG on pile.	
		*					4/03
23306.5	- Daybeacon 22	56 39 37 N 133 43 12 W				TR on pile.	
		*					4/03
23306.6	- Daybeacon 23	56 39 57 N 133 43 51 W				SG on pile.	
		*					4/03
23306.7	- Daybeacon 25	56 40 07 N 133 44 04 W				SG on pile.	
		*					4/03
23306.8	- Daybeacon 26	56 40 21 N 133 44 01 W				TR on pile.	
		*					4/03

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*Delete Headings: *ETOLIN ISLAND TO MIDWAY ISLANDS (Chart 17360) *Sumner Strait							
23306.83	- Daybeacon 26A	56 40 40 N 133 43 53 W				TR on pile.	
		*					4/03
*Delete Headings: *ETOLIN ISLAND TO MIDWAY ISLANDS (Chart 17360) *Sumner Strait							
23306.85	- Daybeacon 27	56 41 58 N 133 44 03 W				SG on pile.	
		*					4/03
23306.9	- Daybeacon 29	56 41 13 N 133 44 14 W				SG on pile.	
		*					4/03
23307	- Daybeacon 30	56 41 22 N 133 44 16 W				TR on pile.	
		*					4/03
23307.1	- Daybeacon 32	56 41 41 N 133 44 00 W				TR on pile.	
		*					4/03
23307.2	- Daybeacon 33	56 42 58 N 133 43 53 W				SG on pile.	
		*					4/03
23307.3	- Daybeacon 34	56 42 11 N 133 43 55 W				TR on pile.	
		*					4/03
23307.4	- Daybeacon 35	56 42 49 N 133 44 09 W				SG on pile.	
		*					4/03
23307.5	- Daybeacon 36	56 43 15 N 133 44 32 W				TR on pile.	
		*					4/03
23307.6	- Daybeacon 37	56 46 42 N 133 43 41 W				SG on pile.	
		*					4/03
23307.7	- Daybeacon 39	56 47 12 N 133 44 46 W				SG on pile.	
		*					4/03
23307.8	- Daybeacon 41	56 47 19 N 133 45 54 W				SG on pile.	
		*					4/03

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
23307.9	- Daybeacon 42	56 47 32 N 133 46 09 W				TR on pile.	
		*					4/03
23308	- Daybeacon 43	56 48 17 N 133 47 54 W				SG on pile.	
		*					4/03
23308.1	KEKU STRAIT ENTRANCE ISLAND LIGHT	56 48 39 N 133 47 51 W	FI W 2.5s		4	NR on skeleton tower.	
		*					4/03
Keku Strait							
23310	SALT POINT LIGHT	56 50 41 N 133 52 00 W	FI W 6s	17	3	NR on pile.	Obscured from 168° to 259°.
		*					4/03
23315	KAKE ENTRANCE LIGHT 2	56 59 05 N 134 01 18 W	FI R 2.5s	27	5	TR on spindle.	
		*					4/03
23320	Kake Flats Buoy 5	56 58 14 N 133 57 17 W				Green can.	
		*					4/03
23325	KAKE HARBOR LIGHT 7	56 58 15 N 133 56 57 W	FI G 2.5s	25	4	SG on spindle.	
		*					4/03
23327	<i>Kake Channel Lighted Buoy 3</i>	56 59 20 N 133 59 30 W	FI G 4s		4	Green.	
		*					4/03
23330	Kake Harbor Daybeacon 1	56 58 23 N 133 56 51 W				SG on post.	
		*					4/03
23335	Kake Cannery Flats Buoy 9	56 57 52 N 133 56 12 W				Green can.	
		*					4/03
23337	KAKE SALMON PEN LIGHT	56 57 57 N 133 55 41 W	FI W 2.5s	10		On small house.	Maintained from May 1 to Sept. 30. Private aid.
		*					4/03
23340	KAKE HARBOR LIGHT	56 57 39 N 133 57 10 W	FI W 4s	16	5	NR on square frame.	Obscured from 285° to 097°.
		*					4/03
23342	KAKE FERRY TERMINAL NORTH LIGHT	56 57 40 N 133 55 20 W	FI R 6s	32		On dolphin.	Private aid.
		*					4/03

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SECTION II

SUMMARY OF 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
23342	KAKE FERRY TERMINAL NORTH LIGHT	56 57 42 N 133 55 19 W	F I R 6s	32		On dolphin.	Private aid. 14/03
		*					
23343	KAKE FERRY TERMINAL MIDDLE LIGHT	56 57 39 N 133 55 19 W	F R	32		On dolphin.	Private aid. 4/03
		*					
23343	KAKE FERRY TERMINAL MIDDLE LIGHT	56 57 39 N 133 55 18 W	F R	32		On dolphin.	Private aid. 14/03
		*					
23344	KAKE FERRY TERMINAL SOUTH LIGHT	56 57 39 N 133 55 18 W	F R	32		On dolphin.	Private aid. 4/03
		*					
23344	KAKE FERRY TERMINAL SOUTH LIGHT	56 57 36 N 133 55 16 W	F R	32		On dolphin.	Private aid. 14/03
		*					
23345	Sealaska Timber Company Mooring Buoys (3)	56 57 35 N 133 55 42 W				White cans.	Private aids. 4/03
		*					
Portage Pass							
23350	- LIGHT 10	56 57 25 N 133 55 26 W	F I R 4s	15	4	TR on pile.	4/03
		*					
23355	- Daybeacon 11	56 57 03 N 133 54 23 W				SG on pile.	4/03
		*					
23360	- LIGHT 13	56 56 47 N 133 53 56 W	F I G 2.5s	15	3	SG on skeleton tower.	4/03
		*					
Burnt Island Channel							
23361	- Daybeacon 2	56 56 51 N 133 56 08 W		8		TR on pile.	4/03
		*					
23362	- Daybeacon 4	56 56 44 N 133 55 15 W		8		TR on pile.	4/03
		*					
23363	- Daybeacon 3	56 56 52 N 133 55 33 W		7		SG on pile.	4/03
		*					

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SECTION II

SUMMARY OF 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
*Add Heading: *Sumner Strait							
23365	<i>Strait Island Lighted Bell Buoy 7</i>	56 22 25 N 133 42 01 W	FI G 6s		4	Green.	
		*					4/03
*Delete Headings: *ETOLIN ISLAND TO MIDWAY ISLANDS (Chart 17360) *Sumner Strait							
23370	WEST ROCK LIGHT	56 21 12 N 133 38 14 W	FI W 2.5s	20	6	NR on skeleton tower.	
		*					4/03
23375	Port Protection Daybeacon	56 20 15 N 133 38 08 W		18		NR on single steel pile.	
		*					4/03
23380	PORT PROTECTION LIGHT	56 19 35 N 133 36 45 W	FI W 6s	19	6	NR on pile.	Obscured from 290° to 095°.
		*					4/03
23385	BEAUCLERC ISLAND LIGHT	56 15 27 N 133 51 16 W	FI W 2.5s	30	6	NR on skeleton tower.	Obscured from 049° to 186°.
		*					4/03
23390	<i>Calder Rocks Lighted Buoy 6</i>	56 15 36 N 133 43 23 W	FI R 4s		5	Red.	
		*					4/03
23395	<i>Barrier Island Lighted Bell Buoy 4</i>	56 12 36 N 133 42 04 W	FI R 6s		4	Red.	
		*					4/03
23400	<i>Amelius Island Shoal Lighted Buoy 5</i>	56 10 11 N 133 49 43 W	FI G 2.5s		4	Green.	
		*					4/03
Shakan Bay							
23405	- LIGHT	56 08 57 N 133 37 33 W	FI W 4s	25	6	NR on skeleton tower on small house.	Obscured from 314° to 048°.
		*					4/03
23410	Hamilton Island Daybeacon	56 07 52 N 133 34 14 W		16		NR on square frame.	
		*					4/03
23415	Shakan Strait Daybeacon	56 07 45 N 133 30 19 W		20		NR on square frame.	
		*					4/03
23416	Shakan Strait Buoy SS	56 07 42 N 133 29 59 W				Green can.	
		*					4/03

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SECTION II

SUMMARY OF 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
23417	Shakan Strait Buoy 1	56 09 14 N 133 28 45 W				Green can.	
		*					4/03
23418	Shakan Strait Buoy 2	56 09 20 N 133 28 32 W				Red nun.	
		*					4/03
23419	Shakan Strait Buoy 4	56 09 40 N 133 28 30 W				Red nun.	
		*					4/03
Sumner Strait							
23420	<i>Point St. Albans Reef Lighted Whistle Buoy 3</i>	56 05 12 N 133 54 35 W	FI G 4s		4	Green.	
		*					4/03
23425	FISHERMANS HARBOR LIGHT	55 58 01 N 133 47 43 W	FI W 4s (R sector)	17	4	NR on skeleton tower.	Red sector from 153° to 200°.
		*					4/03
23430	Fishermans Harbor Daybeacon 1	55 58 26 N 133 47 53 W				SG on spindle.	
		*					4/03
23435	LEMON POINT ROCK LIGHT	56 04 22 N 134 06 42 W	FI W 6s	26	5	NR on skeleton tower.	
		*					4/03
23440 1020	Cape Decision Light	56 00 05 N 134 08 09 W	FI W 5s	96	18	White square building with square tower rising from center.	Obscured from 134° to 245°. Emergency light FI W 5s of reduced intensity when main light is extinguished.
		*				*	4/03
23445	SPANISH ISLANDS LIGHT	55 59 13 N 134 06 17 W	FI W 6s	38	7	NR on skeleton tower.	Obscured from 263° to 061°.
		*					4/03
CORONATION ISLAND TO LISIANSKI STRAIT (Chart 17320)							
Chatham Strait							
23455	POINT CROWLEY LIGHT	56 07 11 N 134 15 32 W	FI W 4s	45	6	NR on skeleton tower.	Obscured from 174° to 330°.
		*					4/03
23460 1025	CAPE OMMANEY LIGHT	56 09 37 N 134 39 40 W	FI W 6s	195	8	NR on monopile.	Obscured from 293° to 061°.
		*					5/03

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SECTION II

SUMMARY OF 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
Port Alexander							
23465	- LIGHT	56 14 23 N 134 38 59 W	FI W 4s (R sector)	68	5	NR on skeleton tower.	Red sectors from 225° to 252° and 330° to 347°. Obscured from 347° to 061°.
		*					5/03
23470	- Entrance Buoy 2	56 14 26 N 134 38 53 W				Red nun.	
		*					5/03
23475	- RANGE FRONT LIGHT	56 14 41 N 134 39 08 W	Q G	14		KRW on skeleton tower on concrete pier.	Visible all around.
		*					5/03
Chatham Strait							
23485	POINT HARRIS LIGHT	56 17 25 N 134 17 58 W	FI W 6s	32	7	NR on skeleton tower.	Obscured from 180° to 313°.
		*					5/03
23490	PORT WALTER LIGHT	56 23 15 N 134 38 11 W	FI W 4s	20	6	NR on skeleton tower.	Obscured from 308° to 037°.
		*					5/03
23495	TEBENKOF BAY LIGHT 1	56 27 05 N 134 08 24 W	FI G 4s	14	4	SG on skeleton tower.	
		*					5/03
23500	Tebenkof Bay Daybeacon 3	56 25 39 N 134 06 32 W				SG on post on pyramidal concrete pier.	
		*					5/03
23505	PATTERSON POINT LIGHT	56 32 23 N 134 38 16 W	FI W 2.5s	50	6	NR on spindle.	
		*					5/03
23510	POINT ELLIS LIGHT	56 34 00 N 134 19 59 W	FI W 4s	30	7	NR on spindle.	
		*					5/03
23515	WASHINGTON BAY LIGHT	56 43 05 N 134 23 42 W	FI W 4s	33	6	NR on spindle.	
		*					5/03
23520	HOGGATT BAY LIGHT	56 45 52 N 134 39 19 W	FI W 2.5s	40	5	NR on skeleton tower.	Obscured from 134° to 307°.
		*					5/03
23530	POINT GARDNER LIGHT	57 00 36 N 134 36 57 W	FI W 4s	65	7	NR on skeleton tower.	
		*					5/03

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SECTION II

SUMMARY OF 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
23535	<i>Yasha Island Shoal Lighted Buoy 2</i>	56 58 53 N 134 34 36 W	FI R 6s		4	Red.	
		*					5/03
Frederick Sound							
23540	SECURITY BAY LIGHT 1	56 52 25 N 134 22 26 W	FI G 4s	32	4	SG on skeleton tower.	Obscured from 235° to 323°.
		*					5/03
23550	POINT MACARTNEY LIGHT	57 01 30 N 134 03 31 W	FI W 6s	20	6	NR on pile.	Obscured from 200° to 329°.
		*					5/03
23555	WEST PINTA ROCKS LIGHT	57 05 10 N 134 00 43 W	FI W 2.5s	30	6	NR on pile.	
		*					5/03
23560	East Pinta Rocks Buoy 1	57 05 33 N 133 58 27 W				Green can.	
		*					5/03
23565	DEEPWATER POINT LIGHT	57 10 19 N 134 14 09 W	FI W 4s	17	5	NR on skeleton tower.	Obscured from 180° to 288°.
		*					5/03
23570	TURNABOUT ISLAND LIGHT	57 07 55 N 133 59 16 W	FI W 4s	23	6	NR on spindle.	Obscured from 270° to 048°.
		*					5/03
ETOLIN ISLAND TO MIDWAY ISLAND (Chart 17360)							
Pybus Bay							
23575	GRAVE ISLAND LIGHT	57 15 59 N 134 05 00 W	FI W 4s	18	6	NR on spindle.	Obscured from 031° to 167°.
		*					5/03
23580	ROUND ROCK LIGHT	57 15 35 N 133 56 13 W	FI W 6s	49	6	NR on skeleton tower.	
		*					5/03
Stephens Passage							
23585	False Point Pybus Daybeacon	57 21 07 N 133 52 32 W				NR on skeleton tower.	
		*					5/03
23590	<i>McDonald Rock Lighted Buoy MR</i>	57 25 06 N 133 37 50 W	FI (2+1) R 6s		4	Red and green bands.	
		*					5/03
23595	HOBART BAY LIGHT 2	57 23 57 N 133 27 56 W	FI R 4s	30	4	TR on steel post.	
		*					5/03

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SUMMARY OF 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
23600	POINT GAMBIER LIGHT	57 26 08 N 133 50 27 W	FI W 4s	38	6	NR on skeleton tower.	Obscured from 083° to 217°.
		*					5/03
23605	GAMBIER BAY ENTRANCE LIGHT 2	57 27 53 N 133 55 13 W	FI R 6s	16	4	TR on skeleton tower.	
		*					5/03
23610	WINDHAM BAY ENTRANCE LIGHT	57 33 43 N 133 32 36 W	FI W 6s	35	6	NR on small house.	
		*					5/03
23615	POINT HUGH LIGHT	57 37 12 N 133 48 26 W	FI W 6s	34	6	NR on skeleton tower.	Obscured from 351.5° to 173°.
		*					5/03
23625	HOLKHAM BAY RANGE FRONT LIGHT	57 46 04 N 133 38 40 W	Q W			KRW on skeleton tower.	Light maintained from May 1 to Oct. 1.
		*					5/03
23631	Holkham Bay Buoy 1	57 46 56 N 133 37 59 W				Green can.	Maintained from May 1 to Oct. 1.
		*					5/03
23632	Holkham Bay Buoy 2	57 46 47 N 133 37 35 W				Red nun.	Maintained from May 1 to Oct. 1.
		*					5/03
23635	TRACY ARM LIGHT	57 49 23 N 133 34 27 W	ISO 6s (Al RW sectors)			NR on square frame.	Light maintained from May 1 to Oct. 1. White sector from 034° to 037°. Alternating Red and White sectors from 033° to 034° and 037° to 038°.
		*					5/03
STEPHENS PASSAGE TO CROSS SOUND (Chart 17300)							
Stephens Passage							
23640	MIDWAY ISLANDS LIGHT	57 50 12 N 133 48 51 W	FI W 4s	83	7	NR on skeleton tower.	Obscured from 162° to 210°.
		*					5/03
23645	GRAVE POINT LIGHT	58 03 44 N 134 03 04 W	FI W 2.5s	45	6	NR on skeleton tower.	Obscured from 156° to 280°.
		*					5/03
23650	GRAND ISLAND LIGHT	58 05 59 N 134 06 29 W	FI W 6s	47	6	NR on skeleton tower.	Obscured from 335° to 116°.
		*					5/03
23655	POINT ARDEN LIGHT	58 09 33 N 134 10 41 W	FI W 4s	50	6	NR on skeleton tower.	Obscured from 332° to 118°.
		*					5/03

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SECTION II

SUMMARY OF 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
Gastineau Channel							
23660	MARMION ISLAND LIGHT	58 11 55 N 134 15 25 W	FI W 6s	50	6	NR on skeleton tower.	Obscured from 022° to 147°.
		*					5/03
23665	SHEEP CREEK LIGHT 2	58 15 28 N 134 19 51 W	FIR 4s	12	5	TR on small house on square pile structure.	Higher intensity beam down channel.
		*					5/03
23675	JUNEAU ISLE LIGHT	58 16 35 N 134 23 04 W	FI W 2.5s	15	6	NR on skeleton tower.	
		*					5/03
23680	DOUGLAS BOAT HARBOR LIGHT 1D	58 16 35 N 134 23 14 W	FI G 4s	17	4	SG on skeleton tower.	
		*					5/03
23685	<i>Rock Dump Lighted Buoy 2A</i>	58 17 08 N 134 23 50 W	QR		3	Red.	
		*					5/03
23690	LAWSON CREEK BAR LIGHT 3	58 17 17 N 134 24 26 W	FI G 2.5s	22	4	SG on dolphin.	Higher intensity beam down channel.
		*					5/03
23695	- LIGHT 4	58 17 49 N 134 25 22 W	FIR 2.5s	15	3	TR on dolphin.	
		*					5/03
23705	HARRIS HARBOR LIGHT 1H	58 18 04 N 134 25 46 W	FI G 4s	15	4	SG on dolphin.	
		*					5/03
23710	AURORA BASIN LIGHT 1A	58 18 16 N 134 25 59 W	FI G 2.5s	25	3	SG on breakwater.	
		*					5/03
23720	AURORA BASIN LIGHT 1B	58 18 26 N 134 25 25 W	FI G 4s	31	4	SG on skeleton tower.	
		*					5/03
23722	Norway Point Mooring Buoys (2)	58 18 31 N 134 26 31 W				White spherical.	Private aids.
		*					5/03
Mendenhall Bar Channel							
23725	- LIGHT 5	58 19 04 N 134 27 26 W	FI G 6s	15	4	SG on dolphin.	Tide gauge shows depth over bar.
		*					5/03

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SUMMARY OF 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
23730	- Buoy 7	58 19 22 N 134 27 54 W				Green can.	
		*					5/03
23740	- Daybeacon 14	58 20 50 N 134 32 18 W				TR on pile.	
		*					5/03
23745	- Daybeacon 15	58 20 44 N 134 32 36 W				SG on dolphin.	
		*					5/03
23750	- Daybeacon 17	58 20 37 N 134 34 10 W				SG on dolphin.	
		*					5/03
23755	- Daybeacon 18	58 20 40 N 134 35 14 W				TR on dolphin.	
		*					5/03
23765	- Daybeacon 19A	58 20 14 N 134 36 42 W				SG on dolphin.	
		*					5/03
23770	- LIGHT 21	58 19 55 N 134 36 53 W	FI G 4s	15	4	SG on dolphin.	Tide gauge shows depth over bar.
		*					5/03
Stephens Passage							
23775	POINT HILDA LIGHT	58 13 02 N 134 30 23 W	FI W 6s	20	5	NR on skeleton tower.	Obscured from 080° to 274°.
		*					5/03
23780	Inner Point Daybeacon	58 13 52 N 134 35 22 W				NR on skeleton tower.	
		*					5/03
23785	MIDDLE POINT LIGHT	58 14 54 N 134 37 44 W	FI W 4s	20	5	NR on skeleton tower on rock.	
		*					5/03
23790	HORSE SHOAL LIGHT 1	58 15 14 N 134 42 15 W	FI G 6s	15	4	SG on pile.	
		*					5/03
23792	COLT ISLAND LIGHT	58 17 02 N 134 44 26 W	FI W 4s	24	5	NR on pile.	
		*					5/03

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SUMMARY OF 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
*Delete Heading: *Stephens Passage							
23795	GEORGE ROCK LIGHT	58 18 56 N 134 42 02 W	FI W 6s	17	6	NR on skeleton tower.	
		*					4/03
23800	GIBBY ROCK LIGHT 2	58 19 36 N 134 41 19 W	FI R 6s	30	4	TR on post.	
		*					4/03
23801	Coghlan Island Buoy 1	58 21 50 N 134 42 02 W				Green can.	
	*	*				*	4/03
23802	Auke Bay Boat Harbor Daybeacon 1	58 22 59 N 134 39 18 W				SG on steel pile.	
		*					4/03
23803	AUKE BAY BOAT HARBOR LIGHT 2	58 22 57 N 134 39 11 W	FI R 2.5s	17	3	TR on post.	
		*					4/03
23804	AUKE BAY BREAKWATER LIGHTS (4)	58 23 08 N 134 38 54 W	FI Y 4s	10		NY on post.	Private aids.
		*					4/03
23805	PORTLAND ISLAND LIGHT	58 21 07 N 134 45 31 W	FI W 2.5s	20	6	NR on pile.	Obscured from 328° to 338°.
		*					4/03
23810	Strauss Rock Buoy SR	58 21 36 N 134 48 31 W				Green and red bands; can.	
		*					4/03
Lynn Canal							
Favorite Channel							
23815	SHELTER ISLAND LIGHT	58 22 33 N 134 48 28 W	FI W 4s	19	7	NR on skeleton tower.	Obscured from 020° to 158°.
		*					4/03
23820	Point Stephens Rock Buoy 2	58 25 20 N 134 46 09 W				Red nun.	
		*					4/03
23825	TEE HARBOR LIGHT	58 25 41 N 134 45 59 W	FI W 6s	33	6	NR on skeleton tower.	Obscured from 150° to 325°.
		*					4/03
23830	Tee Harbor Control Buoy						Remove from list.
							* 4/03

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
23835	Cohen Reef Daybeacon CR	58 25 54 N 134 48 15 W				JG on spindle.	
		*					4/03
23840	AARON ISLAND LIGHT 2	58 26 19 N 134 49 34 W	FI R 2.5s	20	4	TR on skeleton tower.	
		*					4/03
23845	<i>Poundstone Rock Lighted Bell Buoy PR</i>	58 31 44 N 134 56 01 W	FI (2+1) R 6s		4	Red and green bands.	
		*					4/03
23850	Sentinel Island Light	58 32 46 N 134 55 22 W	FI W 10s	86	14	White square tower on fog signal building.	Obscured from 152° to 296°.
		*				*	4/03
23855	LITTLE ISLAND LIGHT	58 32 25 N 135 02 50 W	FI W 4s	50	7	NR on skeleton tower.	
		*					4/03
23860	VANDERBILT REEF LIGHT	58 35 27 N 135 01 07 W	FI W 2.5s	36	6	NR on skeleton tower on concrete pier.	Higher intensity beam up channel.
		*					4/03
23865	POINT SHERMAN LIGHT	58 51 17 N 135 09 07 W	FI W 4s	47	6	NR on spindle.	
		*					4/03
23870	SULLIVAN ISLAND LIGHT	58 53 53 N 135 18 12 W	FI W 4s	24	7	NR on skeleton tower on rock.	Higher intensity beam down channel. Obscured from 090° to 190°.
		*					4/03
23875	Sullivan Island Daybeacon 2 Marks rock.	58 57 57 N 135 21 17 W		30		TR on spindle.	
		*					4/03
23880	ELDRED ROCK LIGHT	58 58 15 N 135 13 15 W	FI W 6s	91	8	White octagonal tower on building.	Higher intensity beam up Chilkoot Inlet. Higher intensity beam down Lynn Canal.
		*				*	4/03
23885	CHILKOOT INLET EAST LIGHT	59 00 59 N 135 11 49 W	FI W 2.5s	25	5	NR on skeleton tower.	Obscured from 166° to 337°.
		*					4/03
23890	TALSANI ISLAND LIGHT	59 04 42 N 135 16 25 W	FI W 6s	16	6	NR on skeleton tower.	Obscured from 325° to 133°.
		*					4/03
23895	LETNIKOF COVE LIGHT 2	59 10 25 N 135 24 02 W	FI R 4s	25	4	TR on small house.	Obscured from 256° to 358°.
		*					4/03

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SUMMARY OF 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
Chilkoot Inlet							
23900	KATZEHIN RIVER FLATS LIGHT 4	59 11 44 N 135 20 01 W	FI R 6s	28	4	TR on pile.	
		*					4/03
23905	BATTERY POINT LIGHT	59 12 37 N 135 21 55 W	FI W 4s	60	6	NR on skeleton tower.	Obscured from 325° to 157°.
		*					4/03
23910	HAINES SMALL BOAT HARBOR LIGHT 2	59 13 57 N 135 26 18 W	FI R 2.5s	26	3	TR on skeleton tower.	
		*					4/03
23915	Nukdik Point Daybeacon 1	59 14 39 N 135 25 18 W		30		SG on post.	
		*					4/03
23920	INDIAN ROCK LIGHT	59 16 24 N 135 24 02 W	FI W 6s	15	7	NR on pile structure.	Higher intensity beam down Chilkoot Inlet.
		*					4/03
Taiya Inlet							
23930	SKAGWAY TERMINAL 2 DOCK LIGHT	59 26 54 N 135 19 48 W	F R	30		On mooring dolphin.	Private aid.
		*					4/03
23935	SKAGWAY BREAKWATER LIGHT 2	59 26 56 N 135 19 21 W	FI R 4s	19	4	TR on skeleton tower.	
		*					4/03
23937	SKAGWAY TERMINAL DOCK LIGHT	59 26 58 N 135 19 34 W	FI R 4s			On dolphin.	Private aid.
		*					4/03
23940	- LIGHT	59 26 47 N 135 21 43 W	FI W 2.5s	20	5	NR on skeleton tower.	
		*					4/03
Saginaw Channel							
23945	FAVORITE REEF LIGHT 2	58 22 50 N 134 51 42 W	FI R 4s	33	5	TR on spindle.	
		*					4/03
23950	<i>Faust Rock Lighted Bell Buoy FR</i>	58 25 06 N 134 55 40 W	FI (2+1) R 6s		4	Red and green bands.	
		*					4/03
23955	POINT RETREAT LIGHT	58 24 41 N 134 57 18 W	FI W 6s	63	9	White square concrete tower on building.	
		*				*	4/03

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SECTION II

SUMMARY OF 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
23960	FALSE POINT RETREAT LIGHT 4	58 22 11 N 134 58 12 W	FIR 6s	25	3	TR on skeleton tower.	
		*					4/03
23965	LYNN CANAL SOUTHWEST LIGHT	58 20 01 N 135 02 59 W	FI W 4s	33	5	NR on skeleton tower.	Obscured from 358° to 168°.
		*					4/03
23970	NAKED ISLAND LIGHT	58 15 20 N 134 56 44 W	FI W 6s	44	7	NR on square tower.	
		*					4/03
23975	FUNTER BAY ENTRANCE LIGHT 1	58 14 37 N 134 55 00 W	FIG 2.5s	16	4	SG on pedestal on house.	Obscured from 114° to 248°.
		*					4/03
23980	Funter Bay Buoy 3	58 14 32 N 134 54 16 W				Green can.	
		*					4/03
CORONATION ISLAND TO LISIANSKI STRAIT (Chart 17320)							
Chatham Strait							
23985	WARM SPRING BAY LIGHT	57 04 48 N 134 46 33 W	FI W 4s	27	7	NR on skeleton tower.	Obscured from 308° to 101°.
		*					4/03
23990	POINT LULL LIGHT	57 18 34 N 134 48 24 W	FI W 4s	50	6	NR on skeleton tower.	
		*					4/03
Hood Bay							
23995	- Entrance Lighted Buoy 2	57 25 04 N 134 33 23 W	FIR 6s		4	Red.	
		*					4/03
24000	- Buoy 1	57 25 29 N 134 32 58 W				Green can.	
		*					4/03
Killisnoo Harbor							
24005	- Entrance Lighted Buoy 2	57 27 42 N 134 34 27 W	FIR 2.5s		4	Red.	
		*					4/03
24010	- LIGHT 3	57 27 58 N 134 33 58 W	FIG 6s	23	4	SG on spindle.	
		*					4/03
24015	Lone Rock Daybeacon 4	57 27 53 N 134 33 33 W				TR on pile.	
		*					4/03

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SECTION II

SUMMARY OF 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
24020	- Lighted Buoy 6	57 28 17 N 134 33 49 W	F I R 4s		3	Red.	
		*					4/03
24023	ANGOON FERRY TERMINAL LIGHT	57 28 19 N 134 34 00 W	F I R 6s	32		On dolphin.	Private aid.
		*					4/03
24025	- LIGHT 7	57 28 16 N 134 34 08 W	F I G 4s	16	4	SG on small house on skeleton structure on concrete pier.	
		*					4/03
24030	Killisnoo Island Reef Buoy 2	57 28 41 N 134 36 00 W				Red nun.	
		*					4/03
Chatham Strait							
24035	Morris Reef Lighted Bell Buoy 35	57 27 46 N 134 48 28 W	F I G 4s		4	Green.	
		*					4/03
24040	Kenasnow Rock Lighted Buoy 2	57 29 59 N 134 36 20 W	F I R 2.5s		4	Red.	
		*					4/03
24045	DANGER POINT LIGHT	57 30 55 N 134 36 25 W	F I W 6s	30	7	NR on skeleton tower on concrete pier.	
		*					4/03
Kootznahoo Inlet							
24050	- LIGHT 2	57 30 18 N 134 34 59 W	F I R 4s	14	5	TR on post.	
		*					4/03
24055	- Daybeacon 4	57 30 02 N 134 34 41 W				TR on steel post.	
		*					4/03
24060	- Daybeacon 6	57 29 57 N 134 34 09 W				TR on pile.	
		*					4/03
STEPHENS PASSAGE TO CROSS SOUND (Chart 17300)							
Tenakee Inlet							
24065	- ENTRANCE LIGHT 1	57 46 20 N 134 56 04 W	F I G 4s	33	5	SG on spindle.	
		*					4/03
24070	- Daybeacon 2	57 46 30 N 135 08 22 W				TR on spindle.	
		*					4/03

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SUMMARY OF 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
24075	- Daybeacon T	57 50 40 N 135 24 57 W				JR on spindle.	
		*					4/03
24080	- LIGHT 4	57 46 29 N 135 11 56 W	F I R 6s	30	4	TR on small house.	
		*					4/03
24085	TENAKEE REEF LIGHT	57 46 12 N 135 13 40 W	F I W 4s	23	5	NR on small house on skeleton tower.	
		*					4/03
24090	Tenakee Reef Daybeacon	57 46 35 N 135 14 06 W				NR on pile.	
		*					4/03
Chatham Strait							
24100	- LIGHT 20	58 02 41 N 134 48 33 W	F I R 4s	35	4	TR on skeleton tower.	Obscured from 175° to 353°.
		*					4/03
24105	POINT AUGUSTA LIGHT	58 02 22 N 134 57 08 W	F I W 4s	48	6	NR on skeleton tower.	Obscured from 290° to 135°.
		*					4/03
Hawk Inlet							
24107	- Daybeacon 2	58 04 39 N 134 47 56 W				TR on tower.	
		*					4/03
24109	- Daybeacon 3	58 05 33 N 134 47 04 W				SG on pile.	
		*					4/03
24111	- LIGHT 5	58 05 37 N 134 46 42 W	F I G 4s	33	4	SG on pile.	
		*					4/03
24112	- RANGE FRONT LIGHT	58 04 59 N 134 46 31 W	Q W	19		KRW on single pile.	
		*					4/03
24113	- RANGE REAR LIGHT	58 04 55 N 134 46 27 W	Iso W 6s	23		KRW on single pile.	
		*					4/03
24114	- LIGHT 6	58 56 57 N 134 46 23 W	F I R 4s	33	4	TR on pile.	
		*					4/03

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SECTION II

SUMMARY OF 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
24115	- EAST SHOAL LIGHT 8	58 06 12 N 134 46 22 W	F I R 2.5s	20	4	TR on spindle.	
		*					4/03
24117	- ENTRANCE LIGHT	58 06 32 N 134 46 29 W	F I W 4s	13	4	NR on skeleton tower.	Obscured from 006° to 264°.
		*					4/03
Icy Strait							
24120	HANUS REEF LIGHT	58 07 50 N 135 00 00 W	F I W 2.5s	25	6	NR on skeleton tower on concrete pier.	
		*					4/03
24125	ROCKY ISLAND LIGHT 13	58 10 39 N 135 03 07 W	F I G 4s	43	4	SG on square frame.	
		*					4/03
24130	SWANSON HARBOR ENTRANCE LIGHT 2	58 11 35 N 135 04 43 W	F I R 6s	21	4	TR on skeleton tower.	Obscured from 144° to 299°.
		*					4/03
24132	Swanson Harbor Channel Stakes (about 10)	58 13 06 N 135 07 00 W		8		Pilings.	Tide guages show least depth. Private aids.
		*					4/03
24135	THE SISTERS LIGHT	58 10 17 N 135 15 20 W	F I W 4s	69	7	On FAA radio tower.	
		*					4/03
24140	SPASSKI ISLAND LIGHT 12	58 07 58 N 135 16 18 W	F I R 6s	30	5	TR on small house.	Obscured from 315° to 088°.
		*					4/03
24150	HOONAH BREAKWATER LIGHT 2	58 06 31 N 135 27 01 W	F I R 4s	38	3	TR on spindle.	
		*					4/03
24155	HOONAH BREAKWATER LIGHT 3	58 06 25 N 135 26 55 W	F I G 2.5s	38	3	SG on post.	
		*					4/03
24160	PORT FREDERICK LIGHT 3	58 07 55 N 135 27 55 W	F I G 6s	26	4	SG on skeleton tower.	Obscured from 245° to 357°. Higher intensity beam toward 042°.
		*					4/03
24165	<i>Pinta Rock Lighted Bell Buoy 2</i>	58 10 00 N 135 27 14 W	F I R 4s		4	Red.	
		*					4/03
24170	<i>Pleasant Island Lighted Bell Buoy 11</i>	58 18 23 N 135 39 19 W	F I G 2.5s		4	Green.	
		*					4/03

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SUMMARY OF 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
24175	POINT ADOLPHUS LIGHT	58 17 10 N 135 46 58 W	FI W 4s	20	5	NR on small house.	Obscured from 305° to 122°.
		*					4/03
24180	ICY PASSAGE LIGHT 2	58 23 12 N 135 37 45 W	FI R 6s	22	4	TR on skeleton tower.	
		*					4/03
24185	<i>Gustavus Lighted Buoy 1</i>	58 23 12 N 135 44 44 W	FI G 4s		3	Green.	
		*					4/03
24190	Ancon Rock Buoy 2	58 22 24 N 135 55 56 W				Red nun.	
		*					4/03
24195	LEMESURIER ISLAND LIGHT	58 19 08 N 136 02 27 W	FI W 6s	42	6	NR on small house.	Obscured from 280° to 086°.
		*					4/03
24200	SOUTH PASSAGE LIGHT	58 15 20 N 136 06 56 W	FI W 2.5s		5	NR on skeleton tower.	Obscured from 121° to 280°.
		*					4/03
24205	SOUTH PASSAGE LIGHT 8	58 14 46 N 135 54 25 W	FI R 4s		5	TR on skeleton tower.	Obscured from 230° to 049°.
		*					4/03
Glacier Bay							
24215	- National Park Aircraft Safety Zone Marker Buoys (4) Northeast of main dock airplane float.	58 27 19 N 135 53 07 W				White with two orange bands and orange circle worded AIRCRAFT SAFETY ZONE.	Maintained from May 15 to Oct. 1. Private aids.
		*					4/03
24220	Rush Point Shoal Buoy 1	58 28 05 N 136 03 20 W				Green can.	Maintained from May 1 to Oct. 1.
		*					4/03
Cross Sound							
24225	POINT LAVINIA LIGHT	58 13 20 N 136 21 17 W	FI W 6s	60	6	NR on skeleton tower.	Obscured from 278° to 073°.
		*					4/03
24230	GEORGE ISLAND LIGHT 2	58 12 42 N 136 22 53 W	FI R 6s	48	4	TR on skeleton tower.	Obscured from 019° to 048°.
		*					4/03
24235	NORTH INIAN PASS LIGHT	58 16 20 N 136 24 08 W	FI W 4s	64	5	NR on skeleton tower.	Obscured from 260° to 051°.
		*					4/03

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SUMMARY OF 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
24240 1070	Cape Spencer Light	58 11 56 N 136 38 26 W	FI W 10s	105	17	White square concrete tower on rectangular concrete building. 25	Emergency light FI W 10s of reduced intensity, if main light is extinguished.
		*					4/03
	Port Althorp						
	Elfin Cove						
24245	- ENTRANCE LIGHT 2	58 11 41 N 136 21 06 W	FIR 4s	48	3	TR on small house.	Obscured from 292° to 096°.
		*					4/03
24250	- OUTER LIGHT	58 11 49 N 136 21 04 W	FI W 4s	20	6	NR on square frame.	
		*					4/03
24255	- Daybeacon 3	58 11 41 N 136 21 00 W				SG on pile.	
		*					4/03
24260	- Daybeacon 5	58 11 40 N 136 20 57 W				SG on pile.	
		*					4/03
24265	- Daybeacon 6	58 11 37 N 136 20 57 W				TR on pile.	
		*					4/03
24270	- Daybeacon 7	58 11 35 N 136 20 45 W				SG on pile.	
		*					4/03
	Port Althorp						
24275	ALTHORP ROCK LIGHT 3	58 09 58 N 136 21 34 W	FI G 2.5s	18	3	SG on square frame.	
		*					4/03
	Lisianski Inlet						
24285	- LIGHT	58 05 53 N 136 28 03 W	FI W 6s	65	6	NR on small house.	Obscured from 333° to 133°.
		*					4/03
24290	Column Point Buoy 1	58 07 00 N 136 27 35 W				Green can.	
		*					4/03
24295	- LIGHT 2	58 04 12 N 136 25 55 W	FIR 4s	55	4	TR on small house.	Obscured from 316° to 147°.
		*					4/03
24300	- Daybeacon 4	58 02 05 N 136 21 57 W				TR on spindle.	
		*					4/03

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SUMMARY OF 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
24305	- LIGHT 5	58 01 42 N 136 20 00 W	FI G 6s	50	4	SG on small house.	Obscured from 149° to 320°.
							4/03
24310	JUNCTION ISLAND LIGHT J	57 59 52 N 136 19 01 W	Q W	20	4	NR on skeleton tower.	Obscured from 042° to 171°.
		*					4/03
24315	PELICAN ENTRANCE LIGHT	57 57 21 N 136 13 48 W	FI W 4s	17	5	NR on post.	
		*					4/03
DIXON ENTRANCE TO CHATHAM STRAIT (Chart 17400)							
Nichols Bay							
24320	- Entrance Daybeacon	54 42 06 N 132 05 23 W				NR on spindle.	
		*					4/03
24330 985	CAPE MUZON LIGHT	54 39 51 N 132 41 30 W	FI W 6s	80	7	NR on spindle.	Obscured from 089° to 297°.
		*					4/03
24331	McLeod Bay Coast Guard Mooring Buoy	54 41 33 N 132 41 12 W				White sphere with blue stripe.	
		*					4/03
24333	Pond Bay Coast Guard Mooring Buoy						<i>Remove from list.</i>
							* 13/03
24335	Eureka Channel Daybeacon 1	54 46 53 N 132 23 21 W				SG on pile.	
		*					4/03
24340	Center Island Reef Daybeacon 3	54 48 09 N 132 23 58 W				SG on pile.	
		*					4/03
24345	Guide Rocks Daybeacon 4	54 49 33 N 132 21 29 W				TR on pile.	
		*					4/03
24350	ROUND ISLANDS LIGHT	54 46 42 N 132 30 25 W	FI W 2.5s (R sector)	56	6	NR on skeleton tower.	Red from 327° to 346°. Obscured from 149.5° to 327°.
		*					4/03
24355	Wallace Rock Buoy 2	54 51 06 N 132 27 00 W				Red nun.	
							4/03

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SECTION II

SUMMARY OF 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
24360	MELLEN ROCK LIGHT	55 01 36 N 132 39 58 W	FI W 4s	32	6	NR on post.	
		*					4/03
	Hetta Inlet						
24365	EEK POINT LIGHT	55 08 17 N 132 40 00 W	FI W 2.5s	19	6	NR on square frame.	Obscured from 103° to 237°.
		*					4/03
	Sukkwan Strait						
24370	Hydaburg Buoy 2	55 11 43 N 132 49 05 W				Red nun.	
		*					4/03
24375	Obstruction Buoy SS	55 12 01 N 132 49 47 W				Green and red bands.	
		*					4/03
24385	Sukkwan Narrows Buoy 6	55 12 09 N 132 50 19 W				Red nun.	
		*					4/03
24390	Sukkwan Narrows Buoy 7	55 12 15 N 132 50 15 W				Green can.	
		*					4/03
24391	HYDABURG LIGHT 8	55 12 24 N 132 49 04 W	FI R 4s	15	4	TR on pile.	
		*					4/03
24392	Hydaburg Daybeacon	55 12 51 N 132 50 08 W				NR on spindle.	
		*					4/03
24393	Hydaburg Boat Basin Daybeacon 3	55 12 43 N 132 49 49 W				SG on spindle.	
		*					4/03
24394	Hydaburg Boat Basin Daybeacon 2	55 12 40 N 132 49 53 W				TR on pile.	
		*					4/03
24395	SUKKWAN NARROWS LIGHT	55 12 03 N 132 50 29 W	FI W 4s	16	5	NR on skeleton tower.	Obscured from 252° to 019°.
		*					4/03
24400	Sukkwan Narrows Buoy 4	55 11 34 N 132 51 20 W				Red nun.	
		*					4/03

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
24405	Sukkwan Narrows Buoy 2	55 11 18 N 132 51 34 W				Red nun.	
		*					4/03
24410	GOAT ISLAND LIGHT	55 10 07 N 132 53 35 W	FI W 4s	21	5	NR on skeleton tower.	Obscured from 093° to 261°.
		*					4/03
24415	Turn Rock Daybeacon	55 10 02 N 132 54 57 W				NR on spindle.	
		*					4/03
Tlevak Strait							
24420	SHOE ISLAND LIGHT	54 57 03 N 132 44 41 W	FI W 6s	20	5	NR on skeleton tower.	Obscured from 313° to 088°.
		*					4/03
24430	VIEW COVE ENTRANCE LIGHT	55 03 10 N 132 57 52 W	FI W 4s	35	6	NR on skeleton tower.	
		*					4/03
24435	LIVELY ISLANDS LIGHT	55 13 38 N 133 05 06 W	FI W 6s	20	6	NR on skeleton tower.	Obscured from 158° to 333°.
		*					4/03
Tlevak Narrows							
24440	- LIGHT 2	55 15 45 N 133 07 01 W	FI R 4s	22	4	TR on skeleton tower.	Obscured from 152° to 279°.
		*					4/03
24445	- Buoy 4	55 16 01 N 133 08 11 W				Red nun.	
		*					4/03
Meares Passage							
24450	MEARES ISLAND LIGHT	55 16 21 N 133 10 34 W	FI W 6s	13	5	NR on skeleton tower.	Obscured from 290° to 105°.
		*					4/03
24455 1000	DIVER ISLANDS LIGHT	55 10 40 N 133 15 53 W	FI W 4s	130	7	NR on post.	Obscured from 186° to 007°.
		*					4/03
Bucareli Bay							
24460 1005	CAPE BARTOLOME LIGHT	55 13 50 N 133 36 56 W	FI W 6s	158	7	NR on spindle.	Obscured from 148° to 263°.
		*					4/03
24465	POINT ARBOLEDA LIGHT	55 19 14 N 133 28 21 W	FI W 4s	33	6	NR on spindle.	
		*					4/03

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24470	<i>Cape Flores Lighted Buoy 2</i>	55 21 25 N 133 17 43 W	FI R 4s		3	Red.	
		*					4/03
24475	ST. IGNACE ROCK LIGHT	55 25 42 N 133 23 43 W	FI W 6s	20	6	NR on skeleton tower.	
		*					4/03
24480	Sola Rock Daybeacon SR	55 25 32 N 133 28 54 W				JR on spindle.	
		*					4/03
24481	Pigeon Pass Daybeacon 5	55 25 44 N 133 33 45 W				SG on spindle.	
		*					4/03
24482	Pigeon Island Daybeacon 4	55 25 47 N 133 34 05 W				TR on steel pile.	
		*					4/03
24483	Pigeon Island Daybeacon 3	55 25 50 N 133 34 00 W				SG on spindle.	
		*					4/03
24484	Cone Island Daybeacon 2	55 26 46 N 133 36 17 W				TR on pile.	
		*					4/03
Shelter Cove							
24485	- BREAKWATER LIGHT 2	55 28 26 N 133 08 38 W	FI R 4s	30	4	TR on steel pile.	
		*					4/03
24490	- Entrance Range Front Daybeacon	55 28 30 N 133 08 32 W				KRW on skeleton tower.	
		*					4/03
24496	Herring Cove Log Boom Markers (3)						<i>Remove from list.</i>
							* 4/03
Craig Harbor							
24500	<i>Fish Egg Reef Lighted Buoy 3</i>	55 28 26 N 133 09 37 W	FI G 2.5s		3	Green.	
		*					4/03
24505	Craig Buoy 4	55 28 56 N 133 09 24 W				Red nun.	
		*					4/03

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
24510	Saltery Point Shoal Daybeacon 6	55 28 49 N 133 08 43 W				TR on pile.	
		*					4/03
24512	CRAIG BREAKWATER LIGHTS (3)						<i>Remove from list.</i>
							* 4/03
*24512.1	CRAIG BREAKWATER LIGHT 1	55 28 52 N 131 08 37 W	F I R 4s			On breakwater.	Private aid. 4/03
*24512.2	CRAIG BREAKWATER LIGHT 2	55 28 52 N 131 08 40 W	F I R 4s			On breakwater	Private aid. 4/03
*24512.3	CRAIG BREAKWATER LIGHT 3	55 28 51 N 131 08 43 W	F I R 4s			On breakwater.	Private aid. 4/03
24515	<i>Craig Shoal Lighted Buoy 7</i>	55 29 13 N 133 08 46 W	F I G 4s		4	Green.	* 4/03
	San Alberto Bay						
24520	<i>Ballena Island Shoal Lighted Buoy 2</i>	55 28 14 N 133 13 15 W	F I R 4s		3	Red.	* 4/03
24525	Balandra Shoal Buoy 3	55 28 32 N 133 13 47 W				Green can.	* 4/03
24530	<i>Fern Reef Lighted Buoy 3A</i>	55 29 06 N 133 15 52 W	F I G 4s		4	Green.	* 4/03
24535	Parida Island South Reef Buoy 5	55 30 02 N 133 13 48 W				Green can.	* 4/03
24540	- <i>Lighted Buoy 7</i>	55 32 15 N 133 15 05 W	F I G 6s		4	Green.	* 4/03
	Gulf of Esquibel						
	San Christoval Channel						
24545	<i>Hermanos Islands Reef Lighted Bell Buoy 8</i>	55 33 44 N 133 17 47 W	F I R 4s		4	Red.	* 4/03

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SECTION II

SUMMARY OF 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
24550	Piedras Island Reef Buoy 9	55 33 41 N 133 17 57 W				Green can.	
		*					4/03
24555	Hermanos Island Range Front Daybeacon	55 34 15 N 133 17 56 W				KRW on spindle.	
		*					4/03
24560	Hermanos Island Range Rear Daybeacon 210 yards, 104° from front daybeacon.	55 34 13 N 133 17 43 W				KRW on spindle.	
		*					4/03
24560	Hermanos Island Range Rear Daybeacon 210 yards, 104° from front daybeacon.	55 34 13 N 133 17 44 W				KRW on spindle.	
		*					12/03
24565	San Christoval Three Fathom Buoy SC	55 34 31 N 133 19 07 W				Green and red bands; can.	
		*					4/03
24570	LARZATITA ISLAND REEF LIGHT	55 35 02 N 133 19 45 W	FI W 4s	22	6	NR on caisson.	
		*					4/03
Klawock Inlet							
24575	<i>Klawock Reef Lighted Buoy 1</i>	55 30 34 N 133 11 12 W	FI G 4s		4	Green.	
		*					4/03
24580	Klawock Reef Buoy 2	55 30 25 N 133 11 13 W				Red nun.	
		*					4/03
24585	<i>Klawock Junction Lighted Buoy KL</i>	55 30 22 N 133 10 33 W	FI (2+1) R 6s		4	Red and green bands.	
		*					4/03
24590	Klawock Reef Buoy 3	55 30 28 N 133 10 29 W				Green can.	
		*					4/03
24595	KLAWOCK TOW CHANNEL ENTRANCE LIGHT 2TC	55 29 52 N 133 11 35 W	FI R 6s	21	4	TR on spindle.	
		*					4/03
24600	Klawock Tow Channel Daybeacon 3TC	55 30 14 N 133 10 55 W				SG on pile.	
		*					4/03

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SUMMARY OF 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
24605	Klawock Tow Channel Daybeacon 4TC	55 30 16 N 133 10 21 W				TR on pile.	
		*					4/03
24610	- Buoy 6	55 30 20 N 133 09 37 W				Red nun.	
		*					4/03
24615	- Shoal Lighted Buoy 8	55 32 37 N 133 07 06 W	F I R 2.5s		4	Red.	
		*					4/03
24620	Wadleigh Island Buoy 9	55 33 37 N 133 06 54 W				Green can.	
		*					4/03
24625	KLAWOCK LOGGING DOCK LIGHTS (2)	55 13 12 N 133 06 36 W	F I R 10s	18		On dock.	Private aids.
		*					4/03
24625	KLAWOCK LOGGING DOCK LIGHTS (2)	55 13 12 N 133 06 36 W	F I R 10s	18		On dock.	Private aids.
							15/03
24630	Highwater Rock Daybeacon 1	55 33 34 N 133 06 15 W				SG on pile.	
		*					4/03
24635	KLAWOCK HARBOR ENTRANCE LIGHT 2	55 33 27 N 133 06 16 W	F I R 4s	20	4	TR on skeleton tower on pier.	
		*					4/03
24640	Klawock Ledge Daybeacon 3	55 33 25 N 133 06 09 W				SG on pile.	
		*					4/03
24642	Klawock Control Daybeacons (3)	55 33 17 N 133 06 36 W				NW on pile worded SLOW 5 MPH. One located on Klawock Ledge Daybeacon 3 and one on each corner of dock.	Private aids.
		*					4/03
24645	POINT INCARNATION LIGHT	55 33 17 N 133 37 23 W	F I W 2.5s	19	6	NR on small house.	Obscured from 292° to 070°.
		*					4/03
24650 1010	CAPE ULITKA LIGHT	55 33 45 N 133 43 43 W	F I W 6s	115	6	NR on skeleton tower.	Obscured from 310° to 053°.
		*					4/03
24655	Curacao Reef Buoy 8	55 39 19 N 133 28 20 W				Red nun.	
							5/03

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SECTION II

SUMMARY OF 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
24655	Curacao Reef Buoy 8	55 39 19 N 133 28 20 W				Red nun.	
		*					4/03
24660	Desconocida Reef Buoy 10	55 41 18 N 133 31 28 W				Red nun.	
		*					5/03
Boca de Finas							
24665	<i>White Cliff Lighted Bell Buoy 12</i>	55 43 55 N 133 39 41 W	FI R 4s		4	Red.	
		*					5/03
24670	Emerald Island Buoy 9	55 44 28 N 133 40 10 W				Green can.	
		*					5/03
24675	CAPE LYNCH LIGHT	55 46 52 N 133 42 06 W	FI W 6s	50	6	NR on spindle.	Obscured from 196° to 315°.
		*					5/03
Karheen Passage							
24680	Tonowek Narrows Daybeacon 2T	55 45 17 N 133 20 31 W				TR on pile.	
		*					5/03
24685	- Daybeacon 1	55 46 19 N 133 19 26 W				SG on skeleton tower.	
		*					5/03
24690	Point Swift Shoal Buoy 2	55 46 15 N 133 18 54 W				Red nun.	
		*					5/03
24695	- Buoy 3	55 46 29 N 133 17 57 W				Green can.	
		*					5/03
24700	- Buoy 4	55 46 52 N 133 17 02 W				Red nun.	
		*					5/03
24705	- Buoy 5	55 47 10 N 133 17 23 W				Green can.	
		*					5/03
24710	Chapin Island Range Front Daybeacon	55 47 46 N 133 18 42 W				KRW on skeleton tower.	
		*					5/03

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SUMMARY OF 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
24720	- Daybeacon 6	55 47 49 N 133 18 22 W				TR on spindle.	
		*					5/03
24725	- Buoy 8	55 48 26 N 133 18 58 W				Red nun.	
		*					5/03
24730	PEEP ROCK LIGHT	55 49 09 N 133 19 53 W	FI W 4s	17	7	NR on skeleton tower.	
		*					5/03
Davidson Inlet							
24735	SURF POINT LIGHT	55 50 01 N 133 38 00 W	FI W 4s	29	6	NR on monopile.	Obscured from 290° to 060°.
		*					5/03
Edna Bay							
24740	- ENTRANCE LIGHT	55 56 19 N 133 36 58 W	FI W 6s	23	6	NR on skeleton tower.	Obscured from 104° to 240°.
		*					5/03
24745	- Buoy 2	55 56 29 N 133 38 58 W				Red nun.	
		*					5/03
24750	- LIGHT 3	55 56 28 N 133 39 30 W	FI G 4s	20	4	SG on small house.	
		*					5/03
24752	- Shoal Buoys (about 10)	55 57 48 N 133 37 59 W				White cans with orange bands and orange diamond worded SHOAL.	Private aids.
		*					5/03
24753	- Daybeacon E	55 57 46 N 133 37 21 W				TR on pile.	
		*					5/03
Sea Otter Sound							
24755	TOKEEN HARBOR ENTRANCE LIGHT	55 56 13 N 133 19 52 W	FI W 6s	35	6	NR on skeleton tower.	Obscured from 128° to 255°.
		*					5/03
Tuxekan Passage							
24760	Aikens Rock Daybeacon 3	55 54 01 N 133 15 42 W				SG on skeleton tower.	
		*					5/03

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SUMMARY OF 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
24765	Village Rock Daybeacon VR	55 53 21 N 133 15 23 W				JR on pile.	
		*					5/03
	El Capitan Passage						
24770	- Daybeacon 1	55 55 41 N 133 18 18 W				SG on pile.	
		*					5/03
24775	Hub Rock Daybeacon 3	55 56 29 N 133 17 52 W				SG on pile.	
		*					5/03
24780	BURNT ISLAND LIGHT 5	55 58 26 N 133 17 45 W	FIG 4s	15	4	SG on skeleton tower.	Obscured from 004° to 157.5°.
		*					5/03
	Dry Pass						
24785	- Daybeacon 2	56 09 30 N 133 22 50 W				TR on post.	
		*					5/03
24790	- Daybeacon 3	56 09 29 N 133 22 56 W				SG on post.	
		*					5/03
24795	- Daybeacon 4	56 09 35 N 133 23 21 W				TR on post.	
		*					5/03
24800	- Daybeacon 5	56 09 33 N 133 23 26 W				SG on post.	
		*					5/03
24805	- Daybeacon 5A	56 09 41 N 133 28 08 W				SG on post.	
		*					5/03
24810	- Daybeacon 6	56 09 50 N 133 24 43 W				TR on post.	
		*					5/03
24815	- Daybeacon 7	56 09 47 N 133 24 44 W				SG on post.	
		*					5/03
24820	- Daybeacon 9	56 09 53 N 133 25 15 W				SG on post.	
		*					5/03

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SUMMARY OF 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
24825	- Daybeacon 11	56 09 53 N 133 25 32 W				SG on pile.	
		*					5/03
24830	- Daybeacon 13	56 09 51 N 133 25 43 W				SG on post.	
		*					5/03
24835	- Daybeacon 14	56 09 49 N 133 25 54 W				TR on post.	
		*					5/03
24840	- Daybeacon 15	56 09 46 N 133 26 00 W				SG on post.	
		*					5/03
24845	- Daybeacon 16	56 09 44 N 133 26 09 W				TR on post.	
		*					5/03
24850	- Daybeacon 17	56 09 41 N 133 26 12 W				SG on post.	
		*					5/03
24857	- Daybeacon 19	56 09 37 N 133 26 30 W				SG on post.	
		*					5/03
24860	- Daybeacon 20	56 09 36 N 133 26 43 W				TR on post.	
		*					5/03
24865	- Daybeacon 21	56 09 30 N 133 26 55 W				SG on post.	
		*					5/03
24870	- Daybeacon 22	56 09 28 N 133 27 09 W				TR on post.	
		*					5/03
24875	- Daybeacon 23	56 09 27 N 133 28 06 W				SG on post.	
		*					5/03
24877	- Daybeacon 24	55 09 40 N 133 27 30 W				TR on spindle.	
		*					5/03
24880	- Daybeacon 25	56 09 21 N 133 27 14 W				SG on post.	
		*					5/03

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SUMMARY OF 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
24885	- Daybeacon 26	56 09 14 N 133 27 26 W				TR on pile.	
		*					5/03
24890	- Daybeacon 28	56 09 10 N 133 27 40 W				TR on spindle.	
		*					5/03
CORONATION ISLAND TO LISIANSKI STRAIT (Chart 17320)							
Little Branch Bay							
24895	LITTLE BRANCH BAY LIGHT	56 18 15 N 134 50 44 W	FI W 4s	109	5	NR on skeleton tower.	Obscured from 111.5° to 338°.
		*					5/03
*Add Heading: *Sitka Sound							
24897	Sharktooth Rock Daybeacon 2	56 44 07 N 135 16 10 W				TR on pile.	
		*					5/03
*Delete Headings: *CORONATION ISLAND TO LISIANSKI STRAIT (Chart 17320) *Sitka Sound							
*24898	Sharktooth Rock Daybeacon 4	56 44 20 N 135 16 20 W		18		TR on pile.	
							5/03
24900	Elovoi Rock Daybeacon 1	56 49 17 N 135 22 45 W				SG on spindle.	
		*					5/03
24905	Koka Island Passage Daybeacon 1	56 54 51 N 135 23 39 W				SG on pile.	
		*					5/03
24910 1030	CAPE EDGE CUMBE LIGHT	56 59 54 N 135 51 27 W	FI W 4s	100	7	NR on square frame.	Obscured from 149.5° to 321°.
		*					5/03
24915	VITSKARI ISLAND LIGHT	57 00 00 N 135 32 44 W	FI W 6s	50	8	NR on skeleton tower.	RACON: O (---).
		*					5/03
24920	<i>Kulichkof Rock Lighted Buoy 2</i>	56 59 54 N 135 26 59 W	FI R 4s		4	Red.	
		*					5/03
Eastern Channel							
24925	THE ECKHOLMS LIGHT	57 00 36 N 135 21 33 W	FI W 6s	33	6	NR on skeleton tower.	
		*					5/03

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SECTION II

SUMMARY OF 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
24930	<i>Simpson Rock Lighted Bell Buoy 5</i>	57 01 09 N 135 20 45 W	FI G 4s		4	Green.	
		*					5/03
24935	<i>Tsaritsa Rock Lighted Buoy 7</i>	57 01 14 N 135 19 29 W	FI G 2.5s		3	Green.	
		*					5/03
24940	<i>Rocky Patch Lighted Buoy RP</i>	57 01 42 N 135 18 22 W	FI (2+1) R 6s		4	Red and green bands.	
		*					5/03
24942	Rocky Patch Buoy 9A	57 01 46 N 135 17 43 W				Green can.	
		*					5/03
24945	ENTRY POINT LIGHT 1	57 01 58 N 135 15 00 W	FI G 6s	22	4	SG on square frame.	Obscured from 086° to 248°.
		*					5/03
*24946	HERRING COVE LOG BOOM MARKERS (6)						Private aid.
							5/03
24950	THE TWINS LIGHT 9	57 02 03 N 135 18 48 W	FI G 4s	14	4	SG on skeleton tower.	Obscured from 030° to 146°.
		*					5/03
24955	ROCKWELL LIGHT	57 02 09 N 135 20 01 W	F R	50		White octagonal tower with dwelling attached.	Private aid.
		*				*	5/03
24957	Mitchell Rock Daybeacon	57 02 20 N 135 20 26 W				NR on pile.	
		*					5/03
24958	SURF ROCK LIGHT	57 01 55 N 135 22 35 W	FI W 4s	15	5	NR on spindle.	
		*					5/03
Alidale Channel							
24960	TURNING ISLAND LIGHT 11	57 02 35 N 135 20 12 W	FI G 2.5s	16	4	SG on skeleton tower.	Obscured sector from 062° to 153°.
		*					5/03
24965	Crescent Boat Harbor Daybeacon 1	57 02 55 N 135 19 52 W		22		SG on pile.	
		*					5/03
24967	SHELDON JACKSON FISH PEN LIGHTS (2)	57 02 54 N 135 19 38 W	FI W 4s			On fish pen.	Private aids.
		*					5/03

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SUMMARY OF 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
*Delete Headings: *CORONATION ISLAND TO LISIANSKI STRAIT (Chart 17320) *Alidale Channel							
24970	CRESCENT HARBOR EAST BREAKWATER LIGHT 4	57 03 57 N 135 19 49 W	FIR 2.5s	19	4	TR on square frame.	
		*					5/03
24975	CRESCENT HARBOR WEST BREAKWATER LIGHT 3	57 02 55 N 135 19 49 W	FIG 2.5s	20	4	SG on square frame structure.	
		*					5/03
24976	- No Wake Buoy A	57 02 44 N 135 20 18 W				White can.	Private aid. Maintained from Apr. 1 to Nov. 1.
		*					5/03
24977	- No Wake Buoy B	57 02 50 N 135 20 05 W				White can.	Private aid. Maintained from Apr. 1 to Nov. 1.
		*					5/03
24978	Aleutski Channel Daybeacon 2	57 02 47 N 135 20 26 W				TR on pile.	
		*					5/03
24979	Aleutski Channel Daybeacon 4	57 02 48 N 135 20 34 W				TR on pile.	
		*					5/03
24980	Japonski Harbor Entrance Daybeacon 5	57 02 49 N 135 20 47 W				SG on pile.	
		*					5/03
24985	JAPONSKI HARBOR ENTRANCE LIGHT 6	57 02 50 N 135 20 46 W	FIR 6s	12	4	TR on pile.	
		*					5/03
24990	Japonski Harbor Daybeacon 7	57 02 53 N 135 20 52 W				SG on pile.	
		*					5/03
Western Channel							
25000	<i>Makhnati Rock Lighted Whistle Buoy 2</i>	57 02 10 N 135 23 47 W	FIR 2.5s		4	Red.	
		*					5/03
25005	SIGNAL ISLAND LIGHT 4	57 02 47 N 135 23 34 W	FIR 4s	48	4	TR on skeleton tower.	Obscured from 217° to 005°.
		*					5/03
25010	<i>Usher Rock Shoal Lighted Buoy 5</i>	57 03 07 N 135 23 50 W	FIG 4s		3	Green.	
		*					5/03

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
25015	BATTERY ISLAND LIGHT 6	57 03 35 N 135 22 54 W	FIR 6s	16	4	TR on small house.	Obscured from 263° to 061°.
		*					5/03
25025	SITKA BREAKWATER LIGHT 7	57 03 46 N 135 21 55 W	FIG 4s	19	4	SG on spindle.	
		*					5/03
25025.5	Japonski Island Daybeacon 2	57 03 26 N 135 22 30 W		24		TR on spindle.	
		*					5/03
25026	SITKA SOUTHWEST HARBOR ENTRANCE LIGHT 3	57 03 31 N 135 22 05 W	FIG 2.5s	15	3	SG on spindle.	
		*					5/03
25027	Sitka Southwest Harbor Entrance Daybeacon 4	57 03 29 N 135 22 00 W				TR on spindle.	
		*					5/03
25030	SITKA HARBOR CHANNEL LIGHT 9	57 03 14 N 135 20 59 W	QG	20	3	Pile.	
		*					5/03
25040	SITKA HARBOR LIGHT 11 Marks eastern limits of dredged channel south of Horseshoe Rocks.	57 03 10 N 135 20 53 W	FIG 4s	23	3	SG on pile.	
		*					5/03
Sitka Sound							
25050	Kasiana Island Shoal Daybeacon 1	57 05 19 N 135 24 19 W				SG on pile.	
		*					5/03
25055	OLD SITKA ROCKS LIGHT 2	57 06 52 N 135 24 42 W	FIR 6s	30	5	TR on skeleton tower.	
		*					5/03
25060	BIG GAVANSKI ISLAND LIGHT 3	57 08 26 N 135 25 02 W	FIG 2.5s	22	4	SG on skeleton tower.	Obscured from 010° to 154°.
		*					5/03
25065	LISIANSKI POINT LIGHT 4	57 08 59 N 135 24 30 W	FIR 4s	41	4	TR on skeleton tower.	Obscured from 158° to 318°.
		*					5/03
Olga Strait							
25070	- LIGHT 5	57 11 20 N 135 27 59 W	FIG 6s	15	5	SG on dolphin.	
		*					5/03

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SECTION II

SUMMARY OF 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
25075	- LIGHT 7	57 12 23 N 135 29 27 W	FIG 2.5s		3	SG on pile.	
		*					5/03
25080	- LIGHT 9	57 12 35 N 135 29 45 W	FIG 4s	30	4	SG on pile.	
		*					5/03
25085	- LIGHT 11	57 13 45 N 135 32 10 W	FIG 4s	15	4	SG on skeleton tower.	
		*					5/03
Neva Strait							
25090	NEVA POINT REEF LIGHT 12	57 14 04 N 135 33 07 W	FIR 6s	17	4	TR on pile.	Obscured from 147° to 217°.
		*					5/03
Whitestone Narrows							
25095	- <i>Rock Lighted Buoy 13</i>	57 14 32 N 135 33 48 W	FIG 4s		4	Green.	
		*					5/03
25100	WHITESTONE POINT LIGHT 14	57 14 40 N 135 33 43 W	FIR 2.5s	11	4	TR on steel structure.	Obscured from 170° to 347°.
		*					5/03
25105	- Channel Buoy 15	57 14 49 N 135 33 58 W				Green can.	
		*					5/03
25110	- <i>Channel Lighted Buoy 17</i>	57 14 54 N 135 34 01 W	Q G		3	Green.	
		*					5/03
25115	Whitestone Sandspit Buoy 18	57 15 03 N 135 34 03 W				Red nun.	
		*					5/03
25120	- CHANNEL RANGE FRONT LIGHT	57 15 11 N 135 34 05 W	Q W	24		KRW on pile.	
		*					5/03
25125	- CHANNEL RANGE REAR LIGHT 135 yards, 345° from front light.	57 15 15 N 135 34 06 W	F W	36		KRW on skeleton tower.	Obscured from 028° to 208°.
		*					5/03
Neva Strait							
25130	Columbine Rock Daybeacon 19	57 15 47 N 135 35 00 W				SG on square frame.	
		*					5/03

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SUMMARY OF 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
25135	- Lighted Buoy 20	57 15 49 N 135 34 53 W	F I R 4s		3	Red.	
		*					5/03
25140	Wyville Reef Lighted Buoy 22	57 16 18 N 135 35 28 W	F I R 2.5s		4	Red.	
		*					5/03
25145	Highwater Island Shoal Lighted Buoy 23	57 16 51 N 135 36 08 W	F I G 4s		3	Green.	
		*					5/03
25150	ENTRANCE ISLAND LIGHT 24	57 17 30 N 135 36 21 W	F I R 6s	30	5	TR on skeleton tower.	Obscured from 154° to 345°.
		*					5/03
25155	KANE ISLANDS LIGHT 25	57 19 22 N 135 39 46 W	F I G 2.5s	40	4	SG on square frame.	Obscured from 342° to 103°.
		*					5/03
Salisbury Sound							
25160	Morskoi Rock Buoy 2	57 20 38 N 135 53 42 W				Red nun.	Maintained from May 15 to Sep. 30.
		*					5/03
25165 1035	KLOKACHEF ISLAND LIGHT	57 24 13 N 135 54 21 W	F I W 6s	85	7	NR on square frame.	Obscured from 155.5° to 291°.
		*					5/03
25170	Kakul Rock Lighted Buoy 2	57 21 45 N 135 41 53 W	F I R 6s		4	Red.	
		*					5/03
25175	Brad Rock Daybeacon 3	57 22 24 N 135 41 29 W		15		SG on spindle.	
		*					5/03
25180	KAKUL NARROWS LIGHT 4	57 22 26 N 135 41 01 W	F I R 2.5s	27	4	TR on skeleton tower.	
		*					5/03
Peril Strait							
25185	SULOIA POINT LIGHT 5	57 23 22 N 135 39 00 W	F I G 2.5s	22	4	SG on steel skeleton tower.	Obscured from 021° to 190°.
		*					5/03
25190	West Francis Rock Lighted Buoy 6	57 24 16 N 135 38 24 W	F I R 2.5s		4	Red.	
		*					5/03

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SECTION II

SUMMARY OF 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
25195	Sergius Narrows Buoy 8	57 24 23 N 135 37 55 W				Red nun.	
		*					5/03
25200	SERGIUS NARROWS LIGHT 9	57 24 28 N 135 37 52 W	FIG 4s	17	4	SG on skeleton tower.	Obscured from 080° to 243°.
		*					5/03
25205	Wayanda Ledge Buoy 10	57 24 25 N 135 37 43 W				Red nun.	
		*					5/03
25210	<i>Liesnoi Shoal Lighted Buoy 11</i>	57 24 43 N 135 36 34 W	FIG 2.5s		4	Green.	
		*					5/03
25215	POINT SIROI ISLAND LIGHT 12	57 25 09 N 135 35 21 W	FIR 2.5s	15	4	TR on skeleton tower.	Obscured from 272° to 025°.
		*					5/03
25220	Deep Bay Entrance Daybeacon 1	57 25 58 N 135 35 36 W				SG on post.	
		*					5/03
25225	MIDDLE POINT LIGHT 14	57 26 21 N 135 34 28 W	FIG 4s	23	4	TR on skeleton tower.	
		*					5/03
25230	YELLOW POINT LIGHT 16	57 26 51 N 135 33 41 W	QR	17	3	TR on square frame.	Obscured from 265° to 034°.
		*					5/03
25235	Yellow Point Rock Daybeacon 18	57 26 56 N 135 33 12 W				TR on concrete pier.	
		*					5/03
25240	ROSE ISLAND ROCK LIGHT 19	57 27 16 N 135 32 23 W	QG	17	4	SG on skeleton tower.	Obscured from 080° to 190°.
		*					5/03
25245	BIG ROSE ISLAND LIGHT 21	57 27 27 N 135 32 23 W	FIG 4s	17	4	SG on skeleton tower.	Obscured from 004° to 150°.
		*					5/03
25250	Rose Channel Rock Daybeacon	57 27 40 N 135 32 58 W				NR on skeleton tower.	
		*					5/03
25255	- LIGHT 22	57 29 31 N 135 32 38 W	FIR 2.5s	13	4	TR on spindle.	Obscured from 159° to 340°.
		*					5/03

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SUMMARY OF 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
25260	POVOROTNI ISLAND LIGHT	57 30 51 N 135 33 19 W	Q W	20	5	NR on small house.	Obscured from 314° to 032°.
		*					5/03
25263	HOGGATT REEF LIGHT 25	57 32 46 N 135 30 56 W	FI G 6s	25	4	SG on pile.	
		*					5/03
25265	ELOVOI ISLAND LIGHT 26	57 33 56 N 135 28 04 W	FIR 6s	18	4	TR on skeleton tower.	Obscured from 308° to 037°.
		*					5/03
25270	OSTOIA CHANNEL LIGHT 2	57 33 35 N 135 26 56 W	FIR 4s	18	3	NR on pile.	
		*					5/03
25275	OTSTOIA ISLAND LIGHT	57 33 41 N 135 27 01 W	FI W 4s	17	6	NR on skeleton tower.	Obscured from 110° to 247°.
		*					5/03
25280	COZIAN REEF LIGHT 3	57 34 04 N 135 25 41 W	FI G 6s	17	4	SG on skeleton tower.	
		*					5/03
25290	Rodman Rock Buoy 1	57 29 46 N 135 14 22 W				Green can.	
		*					5/03
25295	PESCHANI POINT LIGHT	57 32 15 N 135 19 19 W	FI W 2.5s	15	6	NR on skeleton tower.	
		*					5/03
25300	POINT BENHAM LIGHT	57 28 59 N 135 11 52 W	FI W 4s	19	6	NR on square frame.	Obscured from 310° to 117°.
		*					5/03
25305	McCLELLAN ROCK LIGHT	57 27 11 N 135 01 37 W	FI W 6s	17	7	NR on cylindrical pier.	
		*					5/03
25310	FAIRWAY ISLAND LIGHT 32	57 26 34 N 134 52 18 W	FIR 6s	55	4	TR on abandoned dwelling.	Obscured from 297° to 098°.
		*					5/03
Khaz Bay							
25325	<i>Khaz Breakers Lighted Whistle Buoy 2</i>	57 31 12 N 136 07 45 W	FIR 6s		4	Red.	
		*					5/03
25330	Ninefoot Shoal Buoy 4	57 34 48 N 136 05 48 W				Red nun.	
							5/03

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SUMMARY OF 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
25335	Klag Bay Entrance Daybeacon 1	57 36 44 N 136 06 09 W				SG on post.	
		*					5/03
25340	The Gate Daybeacon A	57 36 47 N 136 06 04 W				NG on spindle.	
		*					5/03
25345	Klag Island Daybeacon B	57 37 04 N 136 06 01 W		30		NR on pile.	
		*					5/03
Ogden Passage							
25350	Snipe Rock Daybeacon 1	57 38 15 N 136 10 42 W				SG on spindle.	
		*					5/03
25355	Dippy Island Rock Daybeacon 3	57 41 27 N 136 07 40 W				SG on spindle on pier.	
		*					5/03
Portlock Harbor							
25360	Black Bay Rocks Daybeacon 4	57 42 19 N 136 09 20 W				TR on pile.	
		*					5/03
25365	Minnie Reef Daybeacon 5	57 43 10 N 136 10 20 W				SG on spindle on concrete foundation.	
		*					5/03
STEPHENS PASSAGE TO CROSS SOUND (Chart 17300)							
Lisianski Strait							
25375 1050	- LIGHT 2	57 50 42 N 136 26 08 W	FIR 4s	53	4	TR on square frame.	Obscured from 024° to 210°.
		*					5/03
25380	- LIGHT 4	57 56 07 N 136 21 41 W	FIR 6s	25	5	TR on skeleton tower.	Obscured from 165° to 330°. High intensity beam toward southeast entrance to strait.
		*					5/03
25385	- Daybeacon 5	57 59 08 N 136 22 42 W				SG on spindle.	
		*					5/03
25390	- LIGHT 6	57 59 22 N 136 22 14 W	FIR 2.5s	25	4	TR on steel skeleton tower.	
		*					5/03
25395	- LIGHT 8	58 00 09 N 136 21 15 W	FIR 4s	15	4	TR on pile.	Obscured from 275° to 036°.
		*					5/03

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Graves Harbor							
25400	- Daybeacon 2	58 17 09 N 136 41 40 W				TR on pile.	
		*					5/03
CROSS SOUND TO YAKUTAT BAY (Chart 16760)							
Lituya Bay							
25405	- ENTRANCE CHANNEL RANGE FRONT LIGHT	58 37 38 N 137 39 28 W	Q W	22		KRW on skeleton tower.	Obscured from 048° to 348°; higher intensity on rangeline.
		*					5/03
25410	- ENTRANCE CHANNEL RANGE REAR LIGHT 475 yards, 007.5° from front light.	58 37 52 N 137 39 25 W	Iso W 6s	37		KRW on skeleton tower.	Obscured from 170° to 222°; higher intensity on rangeline.
		*					5/03
Yakutat Bay							
25415 1085	OCEAN CAPE LIGHT	59 32 08 N 139 51 20 W	FI W 6s	130	9	NR on skeleton tower.	Obscured from 134° to 309°.
		*					5/03
25420 1090	- Entrance Lighted Whistle Buoy 2	59 31 59 N 139 57 11 W	FI R 2.5s		4	Red.	
		*					5/03
25425	- Lighted Whistle Buoy 4	59 35 34 N 139 51 09 W	FI R 4s		4	Red.	
		*					5/03
25440	KHANTAANK ISLAND LIGHT	59 33 36 N 139 47 03 W	FI W 4s	28	6	NR on skeleton tower.	Obscured from 147° to 303°.
		*					5/03
25445	YAKUTAT ROADS LIGHT 1	59 33 27 N 139 45 56 W	FI G 2.5s	15	3	SG on post.	
		*					5/03
25446	YAKUTAT ROADS LIGHT 2	59 34 04 N 139 44 48 W	FI R 4s	12	3	TR on tower.	Obscured from 292° to 021°.
		*					5/03
CONTROLLER BAY (Chart 16723)							
Controller Bay							
25450	MARTIN ISLANDS LIGHT	60 09 52 N 144 36 22 W	FI W 6s	150	6	NR on skeleton tower.	Obscured from 174° to 255°.
		*					5/03

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SECTION II

SUMMARY OF 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
Copper River Delta							
<i>CAUTION: Only mariners with a thorough local knowledge of area should attempt passage into the Delta unless during emergency situations.</i>							
25455	SOFTUK BAR CHANNEL LIGHT S	60 13 37 N 144 57 56 W	Oc W 4s	12	6	NR on skeleton tower.	Maintained from May 1 to Oct. 1.
		*					5/03
25460	KOKENHENIC BAR CHANNEL LIGHT K	60 13 34 N 145 09 27 W	FI W 4s	12	6	NR on skeleton tower.	Maintained from May 1 to Oct. 1.
		*					5/03
25465	GRASS ISLAND BAR CHANNEL LIGHT G	60 14 59 N 145 18 08 W	FI W 6s	12	6	NR on skeleton tower.	Maintained from May 1 to Oct. 1.
		*					5/03
25470	PETER DAHL BAR CHANNEL LIGHT P	60 18 20 N 145 31 53 W	FI W 2.5s	12	6	NR on skeleton tower.	Maintained from May 1 to Oct. 1.
		*					5/03
25475 1115	<i>Egg Island Lighted Whistle Buoy EI</i>	60 17 22 N 145 43 13 W	Mo (A) W		6	Red and white stripes.	
		*					5/03
25480 1120	EGG ISLAND LIGHT E	60 22 00 N 145 45 08 W	FI W 6s	33	9	NR on skeleton tower.	
		*					5/03
25483	POINT BENTINCK LIGHT	60 23 37 N 146 05 17 W	FI W 4s	47	6	NR on skeleton tower.	
		*					5/03
25485	<i>Strawberry Channel Entrance Lighted Whistle Buoy SC</i>	60 19 19 N 145 59 49 W	Mo (A) W		6	Red and white stripes.	
		*					5/03
25490	- Buoy S	60 11 52 N 144 56 33 W				Red and white nun.	
		*					5/03
25495	- Buoy K	60 11 33 N 145 09 26 W				Red and white nun.	
		*					5/03
25500	- Buoy G	60 13 17 N 145 20 28 W				Red and white nun.	
		*					5/03
25505	- Buoy P	60 16 01 N 145 34 41 W				Red and white nun.	
		*					5/03

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SUMMARY OF 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
25510	MUMMY ISLAND LIGHT	60 27 54 N 145 59 27 W	FI W 4s	21	5	NR on skeleton tower.	
		*					5/03
PRINCE WILLIAM SOUND (Chart 16700)							
Prince William Sound							
25515 1130	SEAL ROCKS LIGHT	60 09 47 N 146 50 18 W	FI W 6s	48	8	NR on skeleton tower.	RACON: K (- • -).
		*					5/03
25520 1135	<i>Seal Rocks Shoal Lighted Whistle Buoy 1</i>	60 09 58 N 146 44 53 W	FI G 4s		4	Green.	
		*					5/03
25525	SCHOONER ROCK LIGHT 1	60 18 23 N 146 54 29 W	FI G 6s	65	6	SG on pile.	Obscured from 358° to 129°.
		*					5/03
25530	BEAR CAPE LIGHT 2	60 23 21 N 146 43 46 W	FI R 6s	39	6	TR on skeleton tower.	Obscured from 209° to 011°.
		*					5/03
25535	Johnstone Point Light	60 28 58 N 146 36 51 W	FI W 5s	57	14	NR on skeleton tower.	Obscured from 256° to 052°.
		*					5/03
25540	<i>Middle Ground Shoal Lighted Bell Buoy 2</i>	60 32 29 N 146 22 06 W	FI R 6s		4	Red.	
		*					5/03
Orca Bay							
25545	GRAVINA POINT LIGHT 3	60 37 22 N 146 15 13 W	FI G 6s	27	5	SG on skeleton tower.	Obscured from 120° to 264°.
		*					5/03
25550	HANKS ISLAND ROCK LIGHT 5	60 36 03 N 145 59 27 W	FI G 4s		4	SG on pile.	
		*					5/03
25555	CHANNEL ISLAND ROCK LIGHT 7	60 36 31 N 145 48 51 W	FI G 2.5s		4	SG on pile.	
		*					5/03
25560	THE NARROWS LIGHT 8	60 36 10 N 145 47 31 W	FI R 6s	12	5	TR on skeleton tower.	Higher intensity beam toward Orca Bay.
		*					5/03
25565	- LIGHT 9	60 37 57 N 145 45 05 W	FI G 6s	12	5	SG on skeleton tower.	Higher intensity beam down western channel.
		*					5/03

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SUMMARY OF 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
25570	NORTH ISLAND ROCK LIGHT 10	60 37 40 N 145 42 43 W	F I R 6s	14	3	TR on spindle.	
		*					5/03
	Orca Inlet						
25575	LIGHT 12	60 37 31 N 145 41 33 W	F I R 4s	10	3	TR on pile.	
		*					5/03
25580	- Daybeacon 14	60 36 50 N 145 41 53 W		10		TR on pile.	
		*					5/03
25585	LIGHT 15	60 36 46 N 145 41 37 W	F I G 4s	15	3	SG on pile.	
		*					5/03
25590	- LIGHT 16	60 35 53 N 145 42 36 W	F I R 2.5s	10	3	TR on pile.	
		*					5/03
25595	- LIGHT 18	60 34 30 N 145 44 50 W	F I R 4s	10	4	TR on steel pile.	
		*					5/03
25600	CHANNEL JUNCTION LIGHT OI	60 33 56 N 145 45 41 W	F I (2+1) R 6s	10	4	JR on spindle pile.	
		*					5/03
25601	NORTH CONTAINMENT DOCK LIGHTS (2)	60 33 05 N 145 45 55 W	F I R 4s	25		On pier.	Private aids.
		*					5/03
25605	SPIKE ISLAND LIGHT	60 33 01 N 145 46 14 W	F I W 6s	35	6	NR on skeleton tower.	
		*					5/03
25610	CORDOVA BOAT HARBOR LIGHT 2	60 32 48 N 145 46 07 W	F I R 4s	16	3	TR on skeleton tower.	
		*					5/03
25620	Odiak Slough Buoys (2)	60 32 16 N 145 45 49 W				Red spherical.	Dry at MLLW. Private aids.
		*					5/03
25625	ODIAK PHAROS LIGHT	60 32 15 N 145 45 48 W	F W	26		White octagonal tower. 18	Private aid.
		*					5/03
25630	- WEST CHANNEL LIGHT 2	60 36 57 N 145 45 42 W	F I R 4s	30	4	TR on skeleton tower.	
		*					5/03

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
25635	- West Channel Lighted Buoy 3	60 35 03 N 145 45 07 W	FI G 2.5s		3	Green.	
		*					5/03
25640	- West Channel Lighted Buoy 4	60 34 35 N 145 45 35 W	FI R 2.5s		4	Red.	
		*					5/03
25645	Knowles Head Shoal Lighted Bell Buoy 4	60 40 42 N 146 43 39 W	FI R 4s		4	Red.	
		*					5/03
25646	NOAA Data Lighted Buoy 46060	60 34 45 N 146 50 00 W	FI (4) Y 20s			Yellow disc-shaped hull.	
		*					5/03
25650	RED HEAD LIGHT	60 40 15 N 146 30 13 W	FI W 4s	38	6	NR on skeleton tower.	Obscured from 134° to 308°.
		*					5/03
25655	Goose Island Light	60 42 47 N 146 43 39 W	FI W 6s	38	6	NR on skeleton tower.	Obscured from 151° to 313°.
		*					5/03
25665	GLACIER ISLAND LIGHT	60 52 20 N 147 05 31 W	FI W 6s	38	9	NR on skeleton tower.	Obscured from 040° to 225°.
		*					5/03
25670	BUSBY ISLAND LIGHT	60 53 43 N 146 49 01 W	FI W 6s (R sector)	48	W R 9 6	NR on skeleton tower.	Obscured from 245° to 003°. Red from 003° to 044°.
		*					5/03
Tatitlek Narrows							
25673	Tatitlek Rock Daybeacon	60 51 26 N 146 40 36 W		12		NR on spindle.	
							5/03
25675	- Daybeacon 1	60 51 13 N 146 41 16 W		12		SG on spindle.	
		*					5/03
25680	- Daybeacon 2	60 51 49 N 146 41 45 W		12		TR on spindle.	
		*					5/03
25685	- Daybeacon 4	60 52 07 N 146 42 26 W				TR on pile.	
		*					5/03
25690	- Daybeacon 6	60 52 26 N 146 42 40 W		12		TR on spindle.	
		*					5/03

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
25695	- Daybeacon 8	60 53 34 N 146 43 12 W		10		TR on spindle.	
		*					5/03
	Valdez Arm						
25700	- Lighted Buoy 9	60 57 09 N 146 52 31 W	FI G 4s		4	Green.	
		*					5/03
25705	ROCKY POINT LIGHT 10	60 57 02 N 146 47 06 W	FI R 4s	38	5	TR on skeleton tower.	Obscured from 211° to 335°.
		*					5/03
25715	POTATO POINT LIGHT 11	61 03 23 N 146 41 48 W	Oc G 4s	38	5	SG on skeleton tower.	Higher intensity beam towards 033° and 230°. Obscured from 040° to 211°.
		*					5/03
25720	Valdez Narrows Buoy 11A	61 03 16 N 146 41 38 W				Green can.	
		*					5/03
25725	ENTRANCE POINT LIGHT 12	61 03 47 N 146 39 43 W	FI (2) R 5s	38	5	TR on skeleton tower.	Obscured from 210° to 000°.
		*					5/03
25730	MIDDLE ROCK LIGHT 13	61 04 52 N 146 39 11 W	Q G	30	7	SG on concrete pier.	Higher intensity beam down Valdez Arm.
		*					5/03
	Port Valdez						
25735	ENTRANCE ISLAND LIGHT 14	61 05 05 N 146 36 50 W	FI R 2.5s	38	5	TR on skeleton tower.	Obscured from 266° to 063°.
		*					5/03
25740	- LIGHT 15	61 07 21 N 146 34 01 W	FI G 4s	12	5	SG on skeleton tower.	Obscured from 071° to 269°.
		*					5/03
25750	- Mooring Buoy BM	61 05 17 N 146 24 42 W				White can with blue bands.	Private aid.
		*					5/03
25751	Seal Island Shoal Lighted Buoy	61 05 24 N 146 25 14 W	FI W 4s		1	White with orange bands.	Private aid.
		*					5/03
25752	Saw Island Mooring Buoys (4)	61 05 16 N 146 24 47 W				Blue and white bands.	Private aids.
		*					5/03

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
25753	Valdez Marine Terminal Lighted Mooring Buoys (about 7)	61 05 29 N 146 25 15 W	FI Y 6s		1	Yellow with white reflector.	Mooring for oil containment boom. Private aids.
		*					5/03
25755	- BERTH 5 LIGHTS (2)	61 05 22 N 146 24 37 W	Q W	35		On mooring dolphins.	Private aids.
		*					5/03
25765	- BERTH 4 LIGHTS (2)	61 05 16 N 146 24 01 W	Q R	35		On mooring dolphins.	Private aids.
		*					5/03
25780	- BREAKWATER LIGHT	61 05 10 N 146 23 37 W	Q G	24			Private aid.
		*					5/03
25785	- BERTH 3 LIGHTS (2)	61 05 16 N 146 23 13 W	Q W	35		On mooring dolphins.	Private aids.
		*					5/03
25800	- BERTH 1 LIGHTS (2)	61 05 24 N 146 22 19 W	Q R	35		On mooring dolphins.	Private aids.
		*					5/03
*25805	Port Valdez Coast Guard Mooring Buoy	61 07 45 N 146 27 07 W				White with blue stripe.	
							5/03
25813	Solomon Gulch Mooring Buoys (8)	61 05 12 N 146 18 10 W				Yellow cans.	Mooring for oil containment boom. Private aids.
		*					5/03
25815	VALDEZ BOAT HARBOR LIGHT 2	61 07 22 N 146 21 14 W	FI R 4s	22	5	TR on skeleton tower.	
		*					5/03
25820	VALDEZ BOAT HARBOR LIGHT 3	61 07 24 N 146 21 19 W	FI G 4s	33	4	SG on skeleton tower.	
		*					5/03
25822	PORT VALDEZ SERVS DOCK LIGHTS (2)		F R	13		On dolphins.	Private aids
		*					5/03
25823	Valdez Security Zone Lighted Buoy A	61 06 30 N 146 26 20 W	FI Y 4s		5	Yellow pillar.	Port of Valdez security zone.
	*						5/03
25824	Valdez Security Zone Lighted Buoy B	61 06 30 N 146 21 15 W	FI Y 4s		5	Yellow pillar.	Port of Valdez security zone.
	*						5/03

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SECTION II

SUMMARY OF 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
25825	VALDEZ CONTAINER TERMINAL LIGHTS (2)	61 07 20 N 146 18 31 W	F G	16			Private aids.
		*					5/03
	Naked Island						
25826	- Mooring Buoy	60 40 20 N 147 21 08 W				White with blue band.	Private aid.
		*					5/03
25828	- Mooring Buoy	60 38 35 N 147 27 50 W				White with blue band.	Private aid.
		*					5/03
	PRINCE WILLIAM SOUND (Chart 16700)						
25830	<i>Smith Island Lighted Bell Buoy 1</i>	60 32 01 N 147 17 15 W	FI G 2.5s		4	Green.	
		*					5/03
25835	Pennsylvania Rock Buoy 2	60 26 43 N 147 24 09 W				Red nun.	
		*					5/03
25840	SEAL ISLAND LIGHT	60 25 47 N 147 24 56 W	FI W 4s	45	6	NR on skeleton tower.	Obscured from 273° to 032°.
		*					5/03
25845	APPLEGATE SHOALS LIGHT	60 21 19 N 147 23 34 W	FI W 2.5s	24	6	NR on skeleton tower.	
		*					5/03
25850	POINT ELEANOR LIGHT	60 34 51 N 147 33 47 W	FI W 6s	45	6	NR on skeleton tower.	Obscured from 301° to 091°.
		*					5/03
25855	<i>Lone Island Shoal Lighted Bell Buoy 2</i>	60 38 14 N 147 47 16 W	FI R 4s		4	Red.	
		*					5/03
25860	PERRY ISLAND LIGHT	60 39 18 N 147 55 57 W	FI W 6s	35	6	NR on skeleton tower.	Obscured from 126° to 266°.
		*					5/03
25865	CULROSS ISLAND LIGHT	60 44 50 N 148 06 49 W	FI W 4s	40	6	NR on skeleton tower.	Obscured from 334° to 128°.
		*					5/03
25868	Lake Bay Mooring Buoys (4)					Yellow cans.	Mooring for oil containment boom. Private aids.
							5/03

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SECTION II

SUMMARY OF 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
25870	POINT ESTHER LIGHT	60 47 08 N 148 06 01 W	FI W 6s	31	6	NR on skeleton tower.	Obscured from 108° to 276°.
		*					5/03
	Passage Canal						
25875	POINT PIGOT LIGHT	60 48 03 N 148 21 25 W	FI W 6s	25	7	NR on skeleton tower.	Obscured from 100° to 247°.
		*					5/03
25880	DECISION POINT LIGHT	60 48 22 N 148 27 20 W	FI W 4s	35	6	NR on skeleton tower.	Obscured from 315° to 105°.
		*					5/03
25885	TRINITY POINT LIGHT	60 48 23 N 148 34 06 W	FI W 6s	39	6	NR on skeleton tower.	Obscured from 262° to 079°.
		*					5/03
25893	WHITTIER PASSENGER DOCK LIGHTS (2)	60 46 41 N 148 41 43 W	FI R 6s	3		On dock.	Private aids.
		*					5/03
25895	MARGINAL WHARF LIGHT	60 46 38 N 148 40 32 W	F R	12		On post.	Private aid.
		*					5/03
25900	WHITTIER BREAKWATER LIGHT 1	60 46 41 N 148 41 34 W	FI G 4s	8	3	SG on skeleton tower.	Obscured from 233° to 078°.
		*					5/03
	Port Nellie Juan						
25905	- LIGHT	60 35 52 N 148 06 07 W	FI W 2.5s	23	5	NR on skeleton tower.	Obscured from 280° to 070°.
		*					5/03
25907	<i>Main Bay Lighted Mooring Buoys (6)</i>	60 32 05 N 148 05 04 W	FI Y 2.5s			Yellow.	Mooring for oil containment boom. Private aid.
		*					5/03
	Knight Island Passage						
25910	CRAFTON ISLAND LIGHT	60 30 42 N 147 56 04 W	FI W 4s	70	6	NR on skeleton tower.	Obscured from 328° to 146°.
		*					5/03
25915	NEW YEAR ISLANDS LIGHT	60 18 43 N 147 55 08 W	FI W 6s	23	6	NR on skeleton tower.	Obscured from 193° to 316°.
		*					5/03
25920	PLEIADES LIGHT	60 14 24 N 148 00 38 W	FI W 4s	30	6	NR on skeleton tower.	Obscured from 343° to 131°.
		*					5/03

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SECTION II

SUMMARY OF 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
25925	POINT HELEN LIGHT	60 09 11 N 147 45 58 W	FI W 6s	35	6	NR on skeleton tower.	Obscured from 082° to 228°.
		*					5/03
	Sawmill Bay						
25930	- Daybeacon 1	60 03 07 N 148 01 25 W				SG on pile.	
							5/03
25935	Crab Bay Daybeacon 2	60 04 02 N 148 00 31 W		6		TR on steel pile.	Tide Guage. Private aid.
		*					5/03
25945	- LIGHT 3	60 03 13 N 148 02 13 W	FI G 4s	14	5	SG on skeleton tower.	Obscured from 293° to 062°.
		*					5/03
25950	- Daybeacon 5	60 03 00 N 148 03 14 W				SG on pile.	
		*					5/03
*25955	Sawmill Bay Buoy 6	60 03 01 N 148 03 42 W				Red nun.	
							5/03
	Elrington Passage						
25965	- LIGHT	60 02 46 N 148 00 42 W	FI W 6s	25	6	NR on skeleton tower.	Obscured from 061° to 270°.
		*					5/03
25970	EVANS ISLAND LIGHT	59 59 07 N 148 07 28 W	FI W 2.5s	20	6	NR on skeleton tower.	Obscured from 084° to 249°.
		*					5/03
25975	LONETREE POINT LIGHT	59 58 56 N 148 12 00 W	FI W 4s	30	6	NR on skeleton tower.	Obscured from 280° to 063°.
		*					5/03
25980	POINT ELRINGTON LIGHT	59 56 11 N 148 15 01 W	FI W 6s	30	7	NR on skeleton tower.	Obscured from 198° to 354°.
		*					5/03
	POINT ELRINGTON TO EAST CHUGACH ISLAND (Chart 16680)						
	Resurrection Bay						
25985 1140	RUGGED ISLAND LIGHT	59 50 18 N 149 22 26 W	FI W 6s	438	7	NR on steel skeleton tower.	Obscured from 059° to 111° and from 114° to 221°.
		*					5/03
25995	CAINES HEAD LIGHT	59 58 59 N 149 23 16 W	FI W 4s	35	5	NR on pile.	Obscured from 043° to 214°.
							* 7/03

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SUMMARY OF 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
25995	CAINES HEAD LIGHT	59 58 59 N 149 23 16 W	FI W 4s	35	5	NR on pile.	Obscured rom 043° to 214°. * 5/03
26000	THUMB COVE LIGHT	60 00 25 N 149 20 02 W	FI W 6s	42	6	NR on pile.	Obscured from 108° to 249°. * 5/03
26002	Thumb Cove Fish Pen Marker	60 00 16 N 149 21 02 W		2			Private aids. * 5/03
26003	Thumb Cove Mooring Buoy						<i>Remove from list.</i> * 5/03
26007	SEWARD FOREST PRODUCTS DOCK MOORING LIGHTS (2)	60 05 45 N 149 21 34 W	FI R 2.5s	20		On dolphins.	Private aids. * 5/03
26010	SEWARD MARINE DOCK LIGHT	60 05 57 N 149 26 25 W	F R			On end of dock.	Private aid. * 5/03
26015	SEWARD BOAT HARBOR LIGHT 1	60 06 49 N 149 26 04 W	FI G 2.5s	12	5	SG on pile.	 * 5/03
26020	SEWARD EAST BREAKWATER LIGHT 2	60 06 56 N 149 26 03 W	FI R 4s	16	5	TR on skeleton tower.	 * 5/03
26025	SEWARD WEST BREAKWATER LIGHT 3	60 06 56 N 149 26 10 W	FI G 4s	16	5	SG on skeleton tower.	 * 5/03
26030	Railroad Pier Buoy 2	60 06 56 N 149 25 27 W				Red nun.	 * 5/03
26034	<i>Seward Coal Dock Lighted Buoy</i>	60 06 46 N 149 25 47 W	Q W			White with orange bands.	Private aid. * 5/03
26035	Seward Coal Dock Mooring Buoy	60 06 48 N 149 25 47 W				White with blue band.	Private aid. * 5/03
26040	SEWARD COAL DOLPHIN LIGHT	60 06 52 N 149 25 39 W	FI G 6s	10		On pile dolphin.	Private aid. * 5/03

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SECTION II

SUMMARY OF 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
26043	SEWARD CARGO DOCK MOORING DOLPHIN LIGHT	60 07 02 N 149 25 37 W	F I R 6s	24		On dolphin.	Private aid.
		*					5/03
26045	ALASKA RAILROAD DOCK WEST LIGHT	60 07 07 N 149 25 33 W	F R	31		On post on dock.	Private aid.
		*					5/03
26050	ALASKA RAILROAD DOCK EAST LIGHT	60 07 07 N 149 25 29 W	F R	31		On post on dock.	Private aid.
		*					5/03
26052	Seward Sediment Control Groin Markers (3)			25		NW on pile.	Private aids.
		*					5/03
McArthur Pass							
26055	McARTHUR PASS LIGHT	59 27 47 N 150 20 12 W	F I W 4s	45	6	NR on skeleton tower.	Obscured from 074° to 256°.
		*					5/03
COOK INLET (Southern Part) (Chart 16640)							
Cook Inlet							
<i>Oil well structures exist in Cook Inlet from Kalgin Island to the mouth of the Beluga River. Some buoys may be located outside of the wire dragged area.</i>							
26065 1155	EAST CHUGACH LIGHT	59 06 23 N 151 26 37 W	F I W 6s	325	8	NR on skeleton tower.	Obscured from 118° to 227°.
		*					5/03
26070	PERL ISLAND LIGHT 1	59 07 04 N 151 38 24 W	F I G 2.5s	80	5	SG on skeleton tower.	Obscured from 311° to 117°.
		*					5/03
26075	<i>Chugach Passage Lighted Buoy 2</i>	59 09 02 N 151 45 23 W	F I R 2.5s		4	Red.	
		*					5/03
26080	<i>Chugach Passage Lighted Buoy 3</i>	59 10 52 N 151 47 33 W	F I G 4s		4	Green.	
		*					5/03
26085	PORT CHATHAM ENTRANCE LIGHT	59 12 33 N 151 46 34 W	F I W 2.5s	40	6	NR on skeleton tower.	
		*					5/03
26090	Port Chatham Shoal Daybeacon PC	59 12 49 N 151 46 32 W				JG on tower.	
		*					5/03

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
26095	PERL ROCK LIGHT	59 05 24 N 151 41 40 W	FI W 4s	66	8	NR on skeleton tower.	
		*					5/03
26100 1160	EAST AMATULI ISLAND LIGHT	58 54 56 N 151 57 07 W	FI W 6s	120	8	NR on skeleton tower.	Obscured from 076° to 147°.
		*					5/03
26105	CAPE ELIZABETH LIGHT	59 08 47 N 151 52 36 W	FI W 6s	48	9	NR on skeleton tower.	
		*					5/03
26110	FLAT ISLAND LIGHT	59 19 51 N 151 59 42 W	FI W 4s	70	8	NR on skeleton tower.	
		*					5/03
Port Graham							
26115	- Entrance Shoal Buoy 1	59 22 44 N 151 54 16 W				Green can.	
		*					5/03
26120	- ENTRANCE LIGHT	59 22 21 N 151 54 07 W	FI W 4s	50	5	NR on small house.	Obscured from 313° to 070°.
		*					5/03
26125	- Daybeacon 3	59 22 23 N 151 52 33 W				SG on tower.	
		*					5/03
26130	- Daybeacon 4	59 22 07 N 151 52 24 W				TR on pile.	
		*					5/03
26135	North Spit Daybeacon 5	59 21 46 N 151 51 39 W				SG on pile.	
		*					5/03
26140	- Daybeacon 6	59 21 22 N 151 50 14 W				TR on pile.	
		*					5/03
26145	POINT POGIBSHI LIGHT	59 25 28 N 151 53 13 W	FI W 2.5s	94	6	NR on skeleton tower.	
		*					5/03
Seldovia Bay							
26150	- ENTRANCE LIGHT	59 27 08 N 151 43 16 W	FI W 6s	64	7	NR on small house.	Obscured from 202° to 080° and from 088° to 098°.
		*					5/03
26155	- LIGHT 1	59 26 52 N 151 43 23 W	FI G 2.5s	23	4	SG on tower.	
		*					5/03

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SUMMARY OF 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
26160	- LIGHT 2	59 26 45 N 151 43 31 W	FI R 4s	22	4	TR on pile.	
		*					5/03
26165	- LIGHT 3	59 26 33 N 151 43 17 W	FI G 4s	45	3	SG on small house.	
		*					5/03
26170	SELDOVIA DOCK LIGHTS (2)	59 26 30 N 151 43 06 W	F R	15		Pole.	Private aids.
		*					5/03
26175	- Daybeacon 4	59 26 25 N 151 43 34 W		22		TR on pile.	
		*					5/03
26180	SELDOVIA BREAKWATER LIGHT 5	59 26 17 N 151 43 08 W	FI G 2.5s	22	3	SG on skeleton tower.	
		*					5/03
Kachemak Bay							
26185	Tatka Bay Entrance Daybeacon 2	59 29 29 N 151 33 17 W				TR on pile.	
		*					5/03
26190	SIXTY FOOT ROCK LIGHT	59 33 01 N 151 28 02 W	FI W 4s	79	8	NR on skeleton tower.	Higher intensity beam from 060° to 120°.
		*					5/03
26195	<i>Archimandritof Shoals Lighted Buoy 3</i>	59 35 30 N 151 26 11 W	FI G 2.5s		3	Green.	
		*					5/03
26200	HOMER SPIT LIGHT	59 36 02 N 151 24 34 W	FI G 6s	34	5	On tower on top of hotel roof.	Obscured from 040° to 060°.
		*					5/03
26205	HOMER MAIN DOCK LIGHTS (2)	59 36 07 N 151 24 45 W	F R			On pier.	Private aids.
		*					5/03
26210	HOMER BREAKWATER LIGHT 2	59 36 14 N 151 24 53 W	Q R	20	4	TR on skeleton tower.	
		*					5/03
26213	HOMER CHEVRON FUEL FLOAT LIGHTS (2)	59 36 17 N 151 25 00 W	F R	2		On float.	Private aids.
		*					5/03
26215	HOMER FUEL DOCK LIGHTS (2)	59 36 17 N 151 25 04 W	Q G	30		On dock.	Private aids.
		*					5/03

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SUMMARY OF 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
Homer Spit							
26216	- South Lighted Mooring Buoy	59 36 15 N 151 24 50 W	FI W 6s			White with blue band.	Private aid.
		*					5/03
26216.5	- DEEPWATER SOUTH DOLPHIN LIGHT	59 36 18 N 151 24 50 W	FI R 6s	12		On dolphin.	Private aid.
		*					5/03
26217	- DEEPWATER SOUTH DOCK LIGHTS (2)	59 36 18 N 151 24 54 W	F R	30		On pier.	Private aids.
							5/03
26220	- DEEPWATER NORTH DOCK LIGHTS (2)	59 36 24 N 151 24 54 W	F R	30		On pier.	Private aids.
							5/03
26224	- North Lighted Mooring Buoy	59 36 28 N 151 24 54 W	FI W 6s			White with blue band.	Private aid.
		*					5/03
Kachemak Bay							
26225	GULL ISLAND LIGHT 2	59 35 05 N 151 19 46 W	FI R 4s	94	4	TR on skeleton tower.	
		*					5/03
26230	HALIBUT COVE LIGHT 2	59 36 01 N 151 12 53 W	FI R 6s	70	4	TR on small house.	Obscured from 024° to 119°.
		*					5/03
26245	Halibut Cove Daybeacon 4	59 35 47 N 151 12 40 W				TR on tower.	
		*					5/03
26250	Anchor Point Light	59 46 09 N 151 52 01 W	FI W 5s	41	12	NR on skeleton tower.	Obscured 174° to 346.5°.
		*					5/03
26255	NINILCHIK CHANNEL ENTRANCE LIGHT	60 03 17 N 151 39 54 W	FI W 4s	15	5	NR on tower.	Use only with local knowledge.
		*					5/03
26260	Ninlchik Rock Sill North Daybeacon	60 03 16 N 151 39 52 W				NW on pile worded DANGER SUBMERGED ROCK SILL.	Use only with local knowledge.
		*					5/03
26265	Ninlchik Rock Sill South Daybeacon	60 03 17 N 151 39 56 W				NW on pile worded DANGER SUBMERGED ROCK SILL 66 YARDS.	Use only with local Knowledge.
		*					5/03

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SUMMARY OF 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
26270	<i>Lower Cook Inlet Junction Lighted Bell Buoy CI</i>	60 04 41 N 152 09 51 W	FI (2+1) G 6s		4	Green and red bands.	Maintained from May 1 to Nov. 1.
		*					5/03
26275	CHISIK ISLAND LIGHT	60 05 45 N 152 33 41 W	FI W 4s	215	8	NR on skeleton tower.	
		*					5/03
COOK INLET (Northern Part) (Chart 16660)							
Cook Inlet							
26280	KALGIN ISLAND SOUTH LIGHT	60 20 45 N 152 05 06 W	FI W 2.5s	65	6	NR on skeleton tower.	
		*					5/03
26285	HARRIET POINT LIGHT	60 23 46 N 152 14 15 W	FI W 6s	95	8	NR on skeleton tower.	Higher intensity beam up and down channel.
		*					5/03
26295	DRIFT RIVER TERMINAL LIGHTS (2)	60 33 15 N 152 08 14 W	F R	50		On mooring dolphins.	Private aids. HORN: 1 blast ev 20s (2s bl).
		*					5/03
26300	KALGIN ISLAND LIGHT	60 29 06 N 151 50 16 W	FI W 4s	140	7	NR on skeleton tower.	Obscured from 022° to 162°.
		*					5/03
26305	<i>Kasilof Entrance Channel Lighted Buoy 1</i>	60 23 22 N 151 23 38 W	FI G 2.5s		4	Green.	Maintained from May 1 to Nov. 1.
		*					5/03
26310	KASILOF RIVER CHANNEL LIGHT	60 23 15 N 151 18 54 W	Iso W 6s	12	6	NR on skeleton tower.	Maintained from May 1 to Nov. 1.
		*					5/03
26320	<i>Kenai Entrance Channel Lighted Buoy 1KE</i>	60 31 16 N 151 20 38 W	FI G 4s		4	Green.	Maintained from May 1 to Nov. 1.
		*					5/03
26325	KENAI RIVER LIGHT 3	60 33 00 N 151 15 45 W	FI G 2.5s	20	4	SG on multi-pile structure.	
		*					5/03
26330	Nikiski Light	60 38 10 N 151 21 00 W	F RWG sectors	127	10	SPS on pile.	Red sector from 028.25° to 029.25° true. White Sector from 029.29° to 030.75° true. Green sector from 030.75° to 031.75° true.
	*	*					5/03
26335	COLLIER PIER LIGHTS (2)	60 40 18 N 151 23 12 W	Q R	22		On dolphins.	Private aids.
		*					5/03

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
26340	PHILLIPS LNG DOCK LIGHTS (2)	60 40 40 N 151 23 50 W	Q R	40		On pier.	Private aids.
		*					5/03
26345	KENAI PIPE LINE COMPANY DOCK LIGHTS (2)	60 40 52 N 151 23 50 W	F R	35		On dolphins.	Private aids.
		*					5/03
26355	EAST FORELAND LIGHT	60 43 10 N 151 24 27 W	FI W 6s	294	9	NR on skeleton tower.	Obscured from 208° to 010°.
		*					5/03
26360	East Foreland Buoy 2	60 42 22 N 151 30 38 W				Red nun.	Maintained from May 1 to Nov. 1.
		*					5/03
26365	NORTH FORELAND DOCK LIGHTS (2)	61 02 34 N 151 09 48 W	FI W 2.5s	13	4	On pier.	Private aids.
		*					5/03
26370	<i>Moose Point Lighted Buoy MP</i>	60 59 13 N 150 54 13 W	FI (2+1) R 6s		4	Red and green bands.	Maintained from May 1 to Nov. 1.
		*					5/03
26375	MOOSE POINT LIGHT	60 57 21 N 150 41 10 W	FI W 4s	15	9	NR on skeleton tower.	
		*					5/03
26378	SUSITNA FLATS LIGHT	61 15 10 N 150 29 17 W	FI W 4s	19	9	On skeleton tower.	RACON: K(- • -)
		*					5/03
26380	POINT POSSESSION LIGHT	61 02 02 N 150 24 19 W	FI W 6s	60	9	NR on skeleton tower.	Obscured from 221° to 051°.
		*					5/03
26384	<i>Lighted Bell Buoy 4</i>	61 08 09 N 150 20 15 W	FI R 2.5s		4	Red.	Maintained from May 1 to Nov. 1.
		*					5/03
26390	WEST POINT LIGHT	61 07 34 N 150 16 56 W	FI R 6s	30	7	TR on skeleton tower.	RACON: N (- -).
		*					5/03
26405	RACE POINT LIGHT	61 10 03 N 150 13 30 W	FI W 2.5s	170	7	NR on skeleton tower.	Obscured from 235° to 038°.
		*					5/03
26410	FIRE ISLAND RANGE FRONT LIGHT	61 10 21 N 150 12 00 W	Q W	125		KRB on multi-pile structure.	Visible 4° each side of rangeline.
		*					5/03

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SECTION II

SUMMARY OF 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
26415	FIRE ISLAND RANGE REAR LIGHT 433 yards, 242° from front light.	61 10 14 N 150 12 27 W	Iso W 6s	166		KRB on multi-pile structure.	Visible 4° each side of rangeline. * 5/03
26420	<i>Knik Arm Shoal Lighted Buoy 5</i>	61 12 13 N 150 05 23 W	Q G		4	Green.	Maintained from May 1 to Nov. 1. * 5/03
26435	POINT WORONZOF RANGE FRONT LIGHT	61 12 08 N 150 01 15 W	Oc G 4s	55		KRW on single pile.	Visible 4° each side of rangeline. * 5/03
26440	POINT WORONZOF RANGE REAR LIGHT 275 yards, 079.0° from front light.	61 12 10 N 150 00 58 W	F G	145		KRW on multi-pile structure.	Visible 4° each side of rangeline. * 5/03
26445	POINT MACKENZIE LIGHT 7	61 14 18 N 149 59 14 W	FI G 6s	80	5	SG on skeleton tower.	Obscured from 106° to 255°. * 5/03
26455	Cook Inlet Buoy 11						<i>Remove from list.</i> * 5/03
KODIAK ISLAND (Chart 16580)							
Marmot Strait							
26460 1170	TONKI CAPE LIGHT	58 21 09 N 151 59 11 W	FI W 4s	75	8	NR on skeleton tower.	 * 5/03
Marmot Bay							
26463	OUZINKIE BREAKWATER LIGHT 2	57 55 15 N 152 29 48 W	FI R 6s	23	3	TR on breakwater.	 * 5/03
26465	PROKODA ISLAND LIGHT 2	57 54 38 N 152 30 23 W	FI R 4s	40	4	TR on small house.	Higher intensity beam toward 120°. Obscured from 148° to 274°. * 5/03
26470	Ouzinkie Narrows Daybeacon 4	57 54 41 N 152 30 47 W				TR on spindle.	 * 5/03
26475	<i>Entrance Point Shoal Lighted Buoy 5</i>	57 54 48 N 152 31 40 W	FI G 2.5s		3	Green.	 * 5/03

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SECTION II

SUMMARY OF 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
26480	Three Brothers Reef Buoy 6	57 55 07 N 152 32 43 W				Red nun.	
		*					5/03
26485	Low Island Reef Buoy 7	57 55 01 N 152 32 56 W				Green can.	
		*					5/03
26490	THREE BROTHERS LIGHT 8	57 55 26 N 152 33 14 W	FI R 4s	32	3	TR on skeleton tower on concrete pier.	
		*					5/03
26495	SHAKMANOF POINT LIGHT	57 55 31 N 152 35 16 W	FI W 6s	60	6	NR on skeleton tower.	
		*					5/03
Afognak Bay							
26500	Skipwith Reefs Buoy 2	58 00 39 N 152 39 20 W				Red nun.	
		*					5/03
26505	HOG ISLAND LIGHT	58 00 07 N 152 41 10 W	FI W 4s (2R sectors)	40	W 6 R 4	NR on skeleton tower.	Red sector from 024° to 088° and from 188° to 242°. Obscured from 088° to 188°.
		*					5/03
Whale Passage							
26510	ILKOGNAK LIGHT	57 54 49 N 152 47 02 W	FI W 4s	18	5	NR on pile.	
		*					5/03
26513	Shag Rock Daybeacon 1	57 54 29 N 152 47 30 W				SG on tower.	
		*					5/03
26515	Yuzhni Point Buoy 2	57 55 09 N 152 47 03 W				Red nun.	
		*					5/03
26517	Whale Passage Daybeacon 3	57 54 53 N 152 48 14 W				SG on tower.	
		*					5/03
26520	- Daybeacon 4	57 55 25 N 152 47 57 W				TR on tower.	
		*					5/03
26525	KONIUJI ISLAND LIGHT 5	57 55 47 N 152 50 19 W	FI G 2.5s	70	4	SG on skeleton tower.	Higher intensity beam toward 296.5°
		*					5/03

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SECTION II

SUMMARY OF 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
Kizhuyak Bay							
26530	Settler Cove Daybeacon 1	57 52 09 N 152 51 32 W				SG on pile.	
		*					5/03
26535	SETTLER COVE BREAKWATER LIGHT 2	57 52 21 N 152 51 49 W	FIR 2.5s	24	4	TR on single pile.	
		*					5/03
26540	Port Wakefield Lighted Buoy 2	57 51 32 N 152 51 38 W	FIR 4s		4	Red.	
		*					5/03
Kodiak North Entrance							
26545 1175	Williams Reef Lighted Whistle Buoy 1	57 50 17 N 152 09 28 W	FIG 4s		4	Green.	
		*					5/03
26550	- Channel Lighted Whistle Buoy 3	57 50 53 N 152 13 43 W	FIG 6s		4	Green.	
		*					5/03
26555	Hutchinson Reef Lighted Whistle Buoy 4	57 49 58 N 152 17 25 W	FIR 4s		4	Red.	
		*					5/03
26560	HANIN ROCK LIGHT	57 50 05 N 152 18 52 W	QW	43	6	Skeleton tower.	
		*					5/03
26565	- Channel Lighted Whistle Buoy 5	57 49 19 N 152 18 00 W	FIG 2.5s		4	Green.	
		*					5/03
26575	- Channel Lighted Buoy 8	57 48 44 N 152 19 33 W	FIR 2.5s		4	Red.	
		*					5/03
26585	- Channel Lighted Buoy 10	57 48 10 N 152 20 48 W	FIR 6s		4	Red.	
		*					5/03
26590	WOODY ISLAND LIGHT	57 47 46 N 152 20 19 W	FIW 6s	50	5	NR on skeleton tower.	Obscured from 228° to 040°.
		*					5/03
26595	- Channel Buoy 11	57 47 41 N 152 20 57 W				Green can.	
		*					5/03

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SECTION II

SUMMARY OF 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
26600	- Channel Lighted Bell Buoy KH	57 47 45 N 152 21 33 W	FI (2+1) R 6s		4	Red and green bands.	
		*					5/03
26605	- Channel Buoy 13	57 47 23 N 152 22 06 W				Green can.	
		*					5/03
26610	Cyane Rock Lighted Bell Buoy 15	57 47 26 N 152 23 12 W	Q G		4	Green.	
		*					5/03
26620	Kodiak Boat Harbor Daybeacon 2	57 47 06 N 152 24 31 W				TR on pile.	
		*					5/03
26630	KODIAK BOAT HARBOR LIGHT 1	57 47 05 N 152 24 36 W	FI G 4s	18	5	SG on skeleton tower.	
		*					5/03
Saint Herman Bay							
26635	- North Entrance Daybeacon 1	57 46 57 N 152 24 33 W				SG on pile.	
		*					5/03
26640	- NORTH ENTRANCE LIGHT 2	57 46 56 N 152 24 34 W	FI R 6s	17	4	TR on skeleton tower.	
		*					5/03
Woody Island							
26645	- Channel Lighted Buoy 2	57 47 09 N 152 21 43 W	FI R 2.5s		3	Red.	
		*					5/03
26650	- Channel Buoy 3	57 46 46 N 152 21 50 W				Green can.	
		*					5/03
26655	- Channel Buoy 4	57 46 36 N 152 22 17 W				Red nun.	
		*					5/03
26660	- Channel Lighted Buoy 5	57 45 35 N 152 22 22 W	FI G 6s		4	Green.	
		*					5/03
St. Paul Harbor							
26675	- Entrance Midchannel Lighted Whistle Buoy SP	57 44 03 N 152 24 20 W	Mo (A) W		5	Red and white stripes with red spherical topmark.	
		*					5/03

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SECTION II

SUMMARY OF 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
26680	- Entrance Light	57 44 19 N 152 25 48 W	FI W 6s	38	10	NR on spindle tower.	
		*					5/03
26685	- Entrance Channel Lighted Bell Buoy 2	57 44 28 N 152 25 10 W	FI R 4s		4	Red.	
		*					5/03
26690	- Entrance Channel Lighted Whistle Buoy 3	57 44 25 N 152 25 32 W	FI G 2.5s		3	Green.	
		*					5/03
26695	- Entrance Channel Buoy 5	57 44 28 N 152 26 05 W				Green can.	
		*					5/03
26700	- Entrance Channel Lighted Bell Buoy 6	57 45 07 N 152 26 52 W	Q R		3	Red.	
		*					5/03
26705	- Entrance Channel Lighted Buoy 7	57 45 15 N 152 27 00 W	FI G 2.5s		3	Green.	
		*					5/03
26715	Gull Island Rocks Lighted Buoy 8	57 46 33 N 152 25 57 W	FI R 6s		4	Red.	
		*					5/03
26720	Gull Island Lighted Buoy 9						<i>Remove from list.</i>
							* 5/03
26732	ST. HERMAN HARBOR SOUTH ENTRANCE LIGHT 3	57 46 28 N 152 25 04 W	FI G 4s	5	4	SG on spindle.	
		*					5/03
26733	ST. HERMAN HARBOR SOUTH ENTRANCE LIGHT 4	57 46 25 N 152 25 06 W	FI R 6s	5	4	TR on spindle.	
		*					5/03
26745	KODIAK CITY DOCK PIER 2 LIGHTS (2)	57 47 04 N 152 25 24 W	F R	16		On pedestal.	Private aids.
		*					5/03
26755	Gull Island Lighted Buoy 10	57 46 55 N 152 25 14 W	FI R 2.5s		3	Red.	
		*					5/03
26760	- Entrance Channel Buoy 11	57 47 02 N 152 24 41 W				Green can.	
		*					5/03

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SECTION II

SUMMARY OF 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
Womens Bay							
26765	- FRONT RANGE LIGHT	57 43 24 N 152 28 51 W	Q W	43		KRB on skeleton tower.	
		*					5/03
26770	- REAR RANGE LIGHT 630 yards, 211.1° from front light.	57 43 07 N 152 29 10 W	Oc W 4s	90		KRB on skeleton tower.	
		*					5/03
26780	- Entrance Channel Buoy 2	57 44 21 N 152 27 53 W				Red nun.	
		*					5/03
26785	- Entrance Channel Lighted Bell Buoy 3	57 44 17 N 152 27 43 W	FI G 2.5s		4	Green.	
		*					5/03
26790	- Entrance Channel Buoy 5	57 43 57 N 152 28 08 W				Green can.	
		*					5/03
26795	- Entrance Channel Lighted Buoy 6	57 43 48 N 152 28 28 W	FI R 2.5s		4	Red.	
		*					5/03
26800	- Entrance Channel Lighted Bell Buoy 7	57 43 45 N 152 28 22 W	FI G 4s		4	Green.	
		*					5/03
26805	- Entrance Channel Lighted Buoy 8	57 43 39 N 152 28 44 W	FI R 4s		3	Red.	
		*					5/03
26810	- Entrance Channel Buoy 9	57 43 33 N 152 28 41 W				Green can.	
		*					5/03
26815	- Entrance Channel Lighted Buoy 11	57 43 25 N 152 29 25 W	FI G 6s		4	Green.	
		*					5/03
26820	- Entrance Channel Buoy 12	57 43 25 N 152 30 01 W				Red nun.	
		*					5/03
26825	- Entrance Channel Lighted Buoy 13	57 43 11 N 152 30 10 W	Q G		3	Green.	
		*					5/03
26830	- Entrance Channel Lighted Buoy 14	57 42 53 N 152 30 42 W	Q R		3	Red.	
		*					5/03

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SECTION II

SUMMARY OF 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
26835	- Lighted Buoy 16	57 42 58 N 152 31 41 W	FI R 4s		3	Red.	
		*					5/03
26840	- Buoy 18	57 43 33 N 152 31 11 W				Red nun.	
		*					5/03
26845	- Middle Shoal Buoy 19	57 43 48 N 152 31 07 W				Green can.	
		*					5/03
Chiniak Bay							
26850 1180	Humpback Rock Lighted Whistle Buoy 1	57 42 48 N 152 14 13 W	FI G 4s		4	Green.	
		*					5/03
Sitkalidak Strait							
26855	TABLE ISLAND LIGHT	57 11 21 N 152 55 13 W	FI W 4s	106	7	NR on small house.	
		*					5/03
26860	NUT ISLAND LIGHT N	57 12 14 N 153 09 37 W	FI (2+1) R 6s	40	3	JR on steel square frame.	
		*					5/03
26865	BUSH POINT LIGHT 2	57 13 04 N 153 13 01 W	FI R 4s	17	5	TR on steel skeleton tower.	
		*					5/03
26870	SHEEP ISLAND LIGHT 3	57 12 50 N 153 15 13 W	FI G 2.5s		3	SG on tower.	
		*					5/03
Old Harbor							
26879	- Daybeacon 1	57 12 28 N 153 17 49 W				SG on tower.	
		*					5/03
26880	- Daybeacon 2	57 12 31 N 153 17 52 W		15		TR on pile.	
		*					5/03
26885	- Daybeacon 3	57 12 31 N 153 18 00 W		15		SG on pile.	
		*					5/03
26890	- Daybeacon 4	57 12 32 N 153 18 02 W		15		TR on pile.	
		*					5/03

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SECTION II

SUMMARY OF 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
Geese Channel							
26895	- Lighted Gong Buoy 1	56 44 50 N 153 53 08 W	FIG 2.5s		4	Green.	
		*					5/03
26900	- Buoy 3	56 43 30 N 153 58 34 W				Green can.	
		*					5/03
26905	- Lighted Bell Buoy 4	56 43 40 N 153 59 06 W	FIR 4s		3	Red.	
		*					5/03
26910	AIAKTALIK ISLAND LIGHT 5	56 43 53 N 154 03 06 W	FIG 6s	57	5	SG on skeleton tower.	
		*					5/03
Alitak Bay							
26920	CAPE ALITAK LIGHT	56 50 35 N 154 18 25 W	FIW 6s	63	7	NR on small house.	Obscured from 190° to 263°.
		*					5/03
26925	LAZY BAY LIGHT 2	56 53 31 N 154 13 03 W	FIR 4s	25	6	TR on steel skeleton tower.	
		*					5/03
26930	- Akhiok Reef Buoy 1	56 54 47 N 154 07 52 W				Green can.	
		*					5/03
26935	MOSER BAY LIGHT 2	56 58 19 N 154 06 26 W	FIR 6s	22	5	TR on steel skeleton tower.	
		*					5/03
26940	Moser Bay Buoy 3	56 58 25 N 154 06 50 W				Green can.	
		*					5/03
26945	Moser Bay Buoy 4	56 58 52 N 154 08 03 W				Red nun.	
		*					5/03
Shelikof Strait							
26955	Wolcott Reef Buoy	57 40 05 N 154 12 12 W				Red and green bands; nun.	
		*					5/03
Uyak Bay							
26960	HARVESTER ISLAND SPIT LIGHT 2	57 38 15 N 153 59 40 W	FIR 4s	22	3	TR on multi-pile structure.	
		*					5/03

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SECTION II

SUMMARY OF 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
Larsen Bay							
26965	LARSEN BAY JUNCTION LIGHT LB	57 32 37 N 153 58 36 W	FI (2+1) R 6s	10	4	JR on tower.	
		*					5/03
26975	- Buoy 3	57 32 28 N 153 59 05 W				Green can.	
		*					5/03
26980	- RANGE FRONT LIGHT	57 32 44 N 154 00 12 W	Q W	35		KRW on skeleton tower.	
		*					5/03
26985	- RANGE REAR LIGHT 140 yards, 291.5° from light.	57 32 45 N 154 00 20 W	Iso W 6s	45		KRW on skeleton tower.	
		*					5/03
Uyak Bay							
26990	Aleutian Rock Daybeacon 1	57 25 36 N 153 50 42 W				SG on tower.	
		*					5/03
Uganik Bay							
26995	NOISY ISLAND LIGHT	57 55 55 N 153 33 48 W	FI W 6s	80	7	NR on skeleton tower.	Obscured from 223° to 338°.
		*					5/03
27000	NORTHEAST ARM LIGHT 1	57 47 08 N 153 27 14 W	FI G 6s	58	5	SG on small house.	Obscured from 139° to 282.5°.
		*					5/03
27005	STARR POINT LIGHT 3	57 45 21 N 153 22 05 W	FI G 4s	30	4	SG on skeleton tower.	
		*					5/03
Kupreanof Strait							
27010	MALINA POINT LIGHT	58 02 19 N 153 21 58 W	FI W 2.5s	80	6	NR on skeleton tower.	Higher intensity beam toward 110°.
		*					5/03
27015	- Buoy K	57 59 36 N 153 10 45 W				Green and red bands; can.	
		*					5/03
27020	DRY SPRUCE BAY ENTRANCE LIGHT	57 57 20 N 153 06 12 W	FI W 6s	76	6	NR on skeleton tower.	
		*					5/03
27025	DRY SPRUCE ISLAND ROCK LIGHT 7	57 57 53 N 153 04 11 W	FI G 4s	30	4	SG on tower.	
		*					5/03

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SUMMARY OF 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
27030	LAST TIMBER POINT LIGHT 6	57 58 40 N 152 59 01 W	FI R 4s	35	4	TR on small house.	
		*					5/03
	Raspberry Strait						
27035	- LIGHT	58 09 35 N 153 13 24 W	FI W 6s	50	6	NR on small house.	
		*					5/03
	Shelikof Strait						
27045 1165	LATAK ROCKS LIGHT	58 41 22 N 152 29 02 W	FI W 4s	40	8	NR on tower.	
		*					5/03
27055	LIGHTHOUSE POINT LIGHT	58 28 57 N 152 39 09 W	FI W 4s	60	5	NR on house.	Obscured from 285° to 073.5°.
		*					5/03
	ALASKA PENINSULA AND ALEUTIAN ISLANDS (Chart 16011, 16013)						
	Alaska Peninsula						
27060	CHIGNIK SPIT LIGHT	56 18 35 N 158 23 00 W	FI W 4s	35	6	NR on skeleton tower.	Obscured west of 238°.
		*					5/03
	Shumagin Islands						
27070	ANDRONICA ISLAND LIGHT	55 20 44 N 160 03 40 W	FI W 4s	115	7	On square frame.	Obscured from 275° to 291.5° and from 317° to 078°.
		*					5/03
27085	<i>Popof Strait Lighted Buoy 3</i>	55 20 44 N 160 31 05 W	FI G 6s		4	Green.	
		*					5/03
27095	<i>Popof Reef Lighted Gong Buoy 5</i>	55 20 08 N 160 31 02 W	FI G 2.5s		3	Green.	
		*					5/03
27100	SAND POINT DOCK LIGHT	55 19 57 N 160 30 09 W	FI R 10s	10			Private aid.
		*					5/03
27105	HUMBOLDT HARBOR BREAKWATER LIGHT 2	55 19 56 N 160 30 12 W	FI R 2.5s	24	3	TR on spindle.	
		*					5/03
27120	BARALOF BAY LIGHT	55 14 20 N 160 32 09 W	FI W 4s	60	5	NR on skeleton tower.	Obscured from 089° to 222°.
		*					5/03

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SECTION II

SUMMARY OF 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
27125	UNGA SPIT LIGHT	55 24 25 N 160 43 51 W	FI W 6s	40	6	NR on skeleton tower.	Obscured from 280.5° to 060°. 5/03
		*					
27130	SEAL CAPE LIGHT	55 21 56 N 161 15 16 W	FI W 4s	75	6	NR on skeleton tower.	Obscured from 172° to 235°. 5/03
		*					
27135	UKOLNOI ISLAND LIGHT	55 14 41 N 161 39 36 W	FI W 6s	35	6	NR on skeleton tower.	Obscured from 238° to 052°. 5/03
		*					
27140	<i>Bluff Point Shoal Lighted Gong Buoy 1</i>	55 11 27 N 161 52 28 W	FI G 2.5s		4	Green.	 5/03
		*					
27145	ARCH POINT LIGHT 2	55 12 19 N 161 54 20 W	FI R 4s	78	5	TR on skeleton tower.	Obscured from 105° to 213°. 5/03
		*					
27150	<i>Moss Cape Lighted Buoy 4</i>	55 07 07 N 161 56 17 W	FI R 6s		4	Red.	 5/03
		*					
27155	GOLOI SANDSPIT LIGHT 3	55 06 36 N 161 55 28 W	FI G 4s	17	5	SG on steel skeleton tower.	Obscured from 229° to 328°. 5/03
		*					
27160	<i>Iliasik Passage Lighted Buoy 5</i>	55 01 45 N 161 55 19 W	FI G 2.5s		4	Green.	 5/03
		*					
27165	Iliasik Passage Buoy 6	55 01 59 N 161 56 03 W				Red nun.	 5/03
		*					
27180	STAG POINT LIGHT	54 59 07 N 162 18 05 W	FI W 4s	23	6	NR on skeleton tower.	 5/03
		*					
27182	KING COVE DEEPWATER DOCK LIGHTS (2)	55 03 19 N 162 19 23 W	FI R 6s	21	3	On dolphin.	Private aid. 5/03
	*	*					
27183	KING COVE DEEPWATER NORTH DOLPHIN LIGHT						<i>Remove from list.</i> 5/03
							*
27195	MORGAN POINT LIGHT	55 02 24 N 162 20 11 W	FI W 4s	120	6	NR on skeleton tower.	Obscured from 039° to 206°. 5/03
		*					

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
27210	- Channel Lighted Buoy 3	55 06 40 N 162 31 58 W	FI G 2.5s		4	Green.	
		*					5/03
27215	- Channel Buoy 4	55 07 08 N 162 31 39 W				Red nun.	
		*					5/03
27220	DELTA POINT LIGHT	55 11 30 N 162 38 44 W	FI W 4s	48	6	NR on skeleton tower.	
		*					5/03
27225	- AERO DOCK LIGHTS (2)	55 12 31 N 162 41 36 W	FI R 6s	17		On dolphins.	Private aids.
		*					5/03
27230	FOX ISLAND LIGHT	54 57 19 N 162 26 01 W	FI W 6s	40	6	NR on steel square frame.	Obscured from 280° to 021°.
		*					5/03
27235	West Cape Shoal Buoy 1	54 55 32 N 162 27 56 W				Green can.	
		*					5/03
27240	Thin Point Lighted Whistle Buoy 2	54 54 55 N 162 32 35 W	FI R 6s		4	Red.	
		*					5/03
Bechevin Bay							
<i>Channel should be navigated with caution due to shifting shoals.</i>							
27250	- Entrance Buoy BB	55 05 49 N 163 30 32 W				Red and white stripes.	
							5/03
27255	- Buoy 1	55 05 23 N 163 29 32 W				Green can.	
		*					5/03
27260	- Buoy 2	55 05 18 N 163 29 50 W				Red nun.	
							5/03
27265	- Buoy 3	55 04 35 N 163 28 17 W				Green can.	
		*					5/03
27270	- Buoy 4	55 04 26 N 163 28 26 W				Red nun.	
		*					5/03
27275	- Buoy 5	55 04 00 N 163 26 43 W				Green can.	
		*					5/03

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SECTION II

SUMMARY OF 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
27280	- Buoy 6	55 03 54 N 163 26 52 W				Red nun.	
		*					5/03
27285	CAPE KRENITZIN LIGHT 7	55 03 48 N 163 25 28 W	FI G 6s	30	5	SG on skeleton tower.	
		*					5/03
27290	- Buoy 8	55 03 05 N 163 25 27 W				Red nun.	
		*					5/03
27295	- Buoy 10	55 02 31 N 163 25 07 W				Red nun.	
		*					5/03
27305	- Buoy 11	55 01 58 N 163 25 12 W				Green can.	
		*					5/03
27310	- Buoy 14	55 01 37 N 163 25 46 W				Red nun.	
		*					5/03
27315	- Buoy 15	55 01 02 N 163 25 53 W				Green can.	
		*					5/03
27320	- Buoy 16	55 01 01 N 163 26 06 W				Red nun.	
		*					5/03
27325	ROCKY POINT LIGHT 6	54 58 16 N 163 26 33 W	FI R 6s	20	5	TR on skeleton tower.	
		*					5/03
27335	- Buoy 18	55 00 07 N 163 25 44 W				Red nun.	
		*					5/03
27345	St. Catherine Cove Daybeacon 4	54 59 48 N 163 29 24 W				TR on square frame.	Use only with local knowledge.
		*					5/03
27350	- Buoy 20	54 59 34 N 163 24 41 W				Red nun.	
		*					5/03
27352	- Buoy 19A	54 59 35 N 163 24 01 W				Green can.	
		*					5/03

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SECTION II

SUMMARY OF 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
27353	- Buoy 20A	54 59 30 N 163 23 57 W				Red nun.	
		*					5/03
27355	- Buoy 21	54 59 20 N 163 23 12 W				Green can.	
		*					5/03
27360	- Buoy 22	54 59 20 N 163 23 29 W				Red nun.	
		*					5/03
27365	- Buoy 23	54 58 57 N 163 22 41 W				Green can.	
		*					5/03
27370	- Buoy 24	54 58 53 N 163 22 49 W				Red nun.	
		*					5/03
27375	- Buoy 25	54 58 33 N 163 22 23 W				Green can.	
		*					5/03
27380	- Buoy 26	54 58 30 N 163 22 39 W				Red nun.	
		*					5/03
27385	- Buoy 27	54 57 49 N 163 21 51 W				Green can.	
		*					5/03
27390	- Buoy 28	54 57 46 N 163 22 16 W				Red nun.	
		*					5/03
27395	- Buoy 29	54 56 51 N 163 21 34 W				Green.	
		*					5/03
27400	- Buoy 30	54 56 47 N 163 22 07 W				Red nun.	
		*					5/03
27405	ISANOTSKI STRAIT LIGHT 6	54 51 23 N 163 23 31 W	FI R 6s	21	5	TR on skeleton tower.	
		*					5/03
27410	ISANOTSKI STRAIT LIGHT 3	54 49 30 N 163 22 32 W	FI G 6s	14	4	SG on skeleton tower.	
		*					5/03

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SECTION II

SUMMARY OF 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
27415	ISANOTSKI STRAIT LIGHT 2	54 48 57 N 163 21 43 W	FI R 4s	17	4	TR on skeleton tower.	Obscured from 160° to 324°. 5/03
		*					
27420	IKATAN BAY LIGHT	54 46 55 N 163 21 53 W	FI W 6s	78	5	NR on skeleton tower.	 5/03
		*					
27425	IKATAN POINT LIGHT	54 46 31 N 163 11 04 W	FI W 4s	81	6	NR on skeleton tower.	Obscured from 297° to 063°. 5/03
		*					
Krenitzin Islands							
27435	AKUN STRAIT LIGHT	54 07 55 N 165 39 35 W	FI W 4s	46	5	On skeleton tower.	 5/03
		*					
27440	AKUTAN POINT LIGHT 2	54 07 41 N 165 43 41 W	FI R 6s	163	5	TR on skeleton tower.	 5/03
		*					
Unalaska Island							
27450	ULAKTA HEAD LIGHT	53 55 27 N 166 30 31 W	FI W 4s	61	5	NR on skeleton tower.	Obscured from 331° to 122°. 5/03
		*					
27455	<i>Iliuliuk Bay Entrance Lighted Bell Buoy 2</i>	53 54 33 N 166 29 39 W	FI R 4s		4	Red.	 5/03
		*					
27460	SPITHEAD LIGHT	53 53 51 N 166 30 55 W	FI W 4s	38	5	NR on skeleton tower.	Obscured in Unalaska Bay when less than 215.5°. 5/03
		*					
27465	<i>Rocky Point Shoal Lighted Buoy RP</i>	53 53 25 N 166 31 20 W	FI (2+1) G 6s		3	Green and red bands.	 5/03
		*					
27466	<i>Iliuliuk Bay Lighted Buoy 4</i>	53 53 07 N 166 31 32 W	FI R 6s		4	Red.	 5/03
		*					
27467	APL DOLPHIN LIGHTS (2)	54 07 57 N 165 43 07 W	FI R 2.5s	12		On pile dolphins.	Private aids. 5/03
		*					
27470	<i>Unalaska Channel Lighted Buoy 5</i>	53 52 36 N 166 32 05 W	FI G 2.5s		4	Green.	 5/03
		*					

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SUMMARY OF 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
27475	<i>Iliuliuk Reef Lighted Buoy 6</i>	53 52 38 N 166 32 02 W	FI R 4s		4	Red.	
		*					5/03
	Iliuliuk Harbor						
27480	- Entrance Buoy 8	53 52 42 N 166 32 11 W				Red nun.	
		*					5/03
27485	- South Channel Daybeacon 10	53 52 35 N 166 32 52 W		10		TR on pile structure.	
		*					5/03
27500	- South Channel Daybeacon 13	53 52 32 N 166 32 59 W		10		SG on pile structure.	
							5/03
	Unalaska Bay						
27501	<i>Hog Island Lighted Buoy HI</i>	53 55 14 N 166 34 10 W	FI G (2+1) 6s		4	Green and red bands.	
		*					5/03
27502	<i>Hog Island Lighted Buoy 3</i>	53 53 31 N 166 34 54 W	FI G 4s		4	Green.	
		*					5/03
	Captains Bay						
27504	South Amaknak Rocks Buoy 5	53 51 47 N 166 33 21 W				Green can.	
		*					5/03
27505	BAILEY LEDGE LIGHT	53 51 36 N 166 33 34 W	FI W 4s	20	5	NR on spindle.	Ra ref.
		*					5/03
27508	Swallow Reef Buoy 6	53 50 36 N 166 35 33 W				Red nun.	
		*					5/03
	ALEUTIAN ISLANDS (Chart 16012)						
	Adak Island						
27515	<i>Kuluk Shoal Lighted Bell Buoy 2</i>	51 54 40 N 176 30 35 W	FI R 6s		4	Red.	
		*					5/03
27520	<i>Finger Shoal Lighted Bell Buoy 3</i>	51 51 43 N 176 34 11 W	FI G 2.5s		4	Green.	
		*					5/03

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SUMMARY OF 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
27525	GANNET ROCKS LIGHT 4	51 52 01 N 176 36 32 W	F I R 4s	45	4	TR on skeleton tower.	Obscured from 102° to 214°.
		*					5/03
27526	Gannet Rocks Buoy 4A	51 51 52 N 176 36 36 W				Red nun.	
		*					5/03
Sweeper Cove							
27530	- ENTRANCE LIGHT 5	51 51 28 N 176 35 31 W	F I G 6s	55	5	SG on skeleton tower.	
		*					5/03
27535	- JETTY LIGHT 6	51 51 35 N 176 37 47 W	F I R 6s	28	3	TR on spindle.	
		*					5/03
27540	- LIGHT 7	51 51 15 N 176 37 45 W	F I G 4s	75	3	SG on skeleton tower.	
		*					5/03
27542	- RANGE FRONT LIGHT	51 51 09 N 176 39 15 W	F G	31		KRW on pile structure.	Lighted throughout 24 hours.
		*					5/03
27543	- RANGE REAR LIGHT 475 yards, 253° from front light.	51 51 05 N 176 39 38 W	F G	91		KRW on pile.	Lighted throughout 24 hours.
		*					5/03
ALASKA PENNINSULA AND ALEUTAN ISLANDS (Chart 16011)							
Bristol Bay							
<i>The Alaska Department of Fish and Game maintains about twelve unlisted lighted buoys in or near Ugashik, Egegik, Kvichak, and Nushagak Bays during the fishing season about June 5 to Aug. 15. These buoys, which are orange and white banded cans showing quick flashing white lights, do not have navigational significance.</i>							
27555	NELSON LAGOON LIGHT	56 00 41 N 161 05 21 W	F I W 2.5s	15	6	NR on skeleton tower.	
		*					5/03
27560	WALRUS ISLAND LIGHT	56 01 17 N 160 49 01 W	F I W 4s	24	7	NR on skeleton tower.	
		*					5/03
Port Moller							
27565	- Entrance Buoy 2	55 59 57 N 160 39 13 W				Red nun.	Maintained from May 15 to Nov. 15.
		*					5/03
27570	- Entrance Buoy 3	55 59 15 N 160 36 49 W				Green can.	Maintained from May 15 to Nov. 15.
		*					5/03

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SECTION II

SUMMARY OF 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
27575	- LIGHT 5	55 58 42 N 160 34 45 W	FI G 2.5s	18	4	SG on steel tower.	
		*					5/03
27580	Harbor Spit Daybeacon	55 54 46 N 160 34 50 W				NR on skeleton tower.	
		*					5/03
Herendeen Bay							
Hague Channel							
<i>Aids maintained from May 15 to Nov. 15.</i>							
27590	- Buoy 5	55 57 51 N 160 38 37 W				Green can.	
		*					5/03
27595	- Buoy 4	55 58 03 N 160 39 13 W				Red nun.	
		*					5/03
27600	- Buoy 7	55 55 51 N 160 41 55 W				Green can.	
		*					5/03
27605	- Buoy 6	55 56 09 N 160 42 31 W				Red nun.	
		*					5/03
27610	- Buoy 9	55 53 33 N 160 47 07 W				Green can.	
		*					5/03
27615	- Buoy 8	55 53 57 N 160 47 07 W				Red nun.	
		*					5/03
Kvichak Bay							
27770 1265	Red Bluff Daybeacon	58 14 07 N 157 29 07 W				NR on skeleton tower.	
		*					5/03
27782	<i>Crowley Lighted Mooring Buoy</i>	58 43 00 N 157 03 42 W	Q W			White cylinder.	Maintained from Apr. 15 to Sep. 15. Private aid.
		*					5/03
27784	SOUTH NAKNEK CITY DOCK LIGHTS (2)	58 43 00 N 157 00 56 W	FI R 6s	30		On dock.	Private aids.
		*					5/03
27785	Naknek Entrance Daybeacon 1	58 43 20 N 157 02 56 W				SG on small house.	
		*					5/03

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SUMMARY OF 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
27795	GRAVEYARD POINT LIGHT	58 52 03 N 157 00 47 W	FI W 4s	40	6	NR on skeleton tower.	
		*					5/03
27800	DUCK CREEK LIGHT	58 57 18 N 157 01 55 W	FI W 6s	48	5	NR on skeleton tower.	
		*					5/03
Nushagak Bay							
27810	EKUK RANGE FRONT LIGHT	58 47 56 N 158 33 16 W	Q W	20		KRW on skeleton tower.	Visible all around; higher intensity on rangeline.
		*					5/03
27815	EKUK RANGE REAR LIGHT	56 48 08 N 158 33 23 W	Iso W 6s	42		KRW on skeleton tower.	Visible all around; higher intensity on rangeline.
	*	*					5/03
27817	Crowley Mooring Buoy	59 01 51 N 158 27 08 W				White cylinder.	Maintained from Apr. 15. to Sep. 15. Private aid.
		*					5/03
Pribilof Islands							
27825	ST. GEORGE HARBOR RANGE FRONT LIGHT	56 34 13 N 169 40 03 W	Q Y	36		KRW on tower.	
		*					5/03
27826	ST. GEORGE HARBOR RANGE REAR LIGHT	56 34 12 N 169 39 52 W	Iso Y 6s	76		KRW on tower.	
	*	*					5/03
27827	ST. GEORGE HARBOR ENTRANCE LIGHT	56 34 14 N 169 40 03 W	FI G 4s			SG on tower.	
		*					5/03
27828	St. George Harbor Daybeacon 2	56 34 10 N 169 39 56 W				TR on spindle.	
		*					5/03
27832	St. Paul Outfall Range Daybeacons (2)	57 07 14 N 170 16 00 W				NW on post worded OUTFALL NO ANCHORING.	Private aids.
		*					5/03
Kuskokwim Bay							
<i>Buoys maintained from June 1 to Oct. 1.</i>							
27835	- Buoy 2	59 18 44 N 162 18 32 W				Red nun.	
		*					5/03
27840	- Buoy 3	59 26 57 N 162 18 47 W				Green can.	
		*					5/03

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SUMMARY OF 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
27845	- Buoy 4	59 34 34 N 162 15 40 W				Red nun.	
		*					5/03
27850	- Buoy 5	59 38 08 N 162 19 25 W				Green can.	
		*					5/03
27852	- Buoy 8	59 47 25 N 162 18 36 W				Red nun.	
		*					5/03
27853	- Buoy 10	59 48 58 N 162 16 05 W				Red nun.	
		*					5/03
27854	- Buoy 11	59 50 34 N 162 15 36 W				Green can.	
		*					5/03
27855	- Buoy 12	59 53 41 N 162 15 33 W				Red nun.	
		*					5/03
27859	Mekoryuk Breakwater Daybeacon 2	60 23 15 N 166 11 02 W				TR on skeleton tower.	
		*					5/03
27859.5 1293	SHELDON POINT LIGHT	62 32 09 N 165 01 21 W	FI W 2.5s	18	6	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
		*					5/03
27860 1295	YUKON RIVER SOUTH ENTRANCE LIGHT	62 35 21 N 164 59 39 W	FI W 6s	20	8	NR on skeleton tower.	Maintained from July 1 to Nov. 1. Ra ref.
		*					5/03
27865 1300	KWIGUK PASS ENTRANCE LIGHT	62 48 03 N 164 53 09 W	FI W 2.5s	18	8	NR on skeleton tower.	Maintained from July 1 to Nov. 1. Ra ref.
		*					5/03
27870 1305	YUKON RIVER MIDDLE ENTRANCE LIGHT	63 04 33 N 164 37 45 W	FI W 4s	18	8	NR on skeleton tower.	Obscured from 176° to 266°. Maintained from July 1 to Nov. 1. Ra ref.
		*					5/03
27874 1309	KAKUKTAHUK PASS ENTRANCE LIGHT	63 09 09 N 163 35 39 W	FI W 2.5s	18	8	NR on skeleton tower.	Maintained from July 1 to Nov. 1. Ra ref.
		*					5/03

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SECTION II

SUMMARY OF 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
27875 1310	YUKON RIVER NORTH ENTRANCE LIGHT	63 02 27 N 163 23 09 W	FI W 6s	19	8	NR on skeleton tower.	Obscured from 286° to 161°. Maintained from July 1 to Nov. 1. Ra ref.
		*					5/03
Hooper Bay							
27885	- Buoy 1	61 31 57 N 166 05 08 W				Green oil drum.	Maintained from June 1 to Aug. 1. Private aid.
		*					5/03
Norton Sound							
<i>Aids maintained from July 1 to Nov. 1.</i>							
27895 1315	POINT ROMANOF LIGHT	63 12 00 N 162 50 02 W	FI W 6s	25	7	NR on skeleton tower.	
		*					5/03
27900 1320	CAPE STEPHENS LIGHT	63 32 27 N 162 18 49 W	FI W 4s	200	7	NR on skeleton tower.	
		*					5/03
27905	WHALE ISLAND LIGHT	63 29 27 N 161 59 50 W	FI W 4s	53	7	NR on skeleton tower.	
		*					5/03
27910 1325	EGG ISLAND LIGHT	63 36 39 N 161 44 36 W	FI W 6s	90	7	NR on skeleton tower.	
		*					5/03
27920	UNALAKLEET RIVER SOUTH SPIT LIGHT	63 52 05 N 160 47 18 W	FI W 4s	15	7	NR on skeleton tower.	
		*					5/03
27925	SHAKTOOLIK RIVER ENTRANCE LIGHT	64 22 46 N 161 14 03 W	FI W 4s	14	7	NR on skeleton tower.	
		*					5/03
Golovnin Bay							
27955 1335	ROCKY POINT LIGHT	64 23 52 N 163 08 59 W	FI W 2.5s	175	7	NR on skeleton tower.	
		*					5/03
Nome Harbor							
27960	- EAST JETTY LIGHT	64 29 49 N 165 24 52 W	FI R 4s	15	3	On post.	Maintained from July 1 to Nov. 1.
		*					5/03
27965	- WEST JETTY LIGHT	64 29 49 N 165 24 55 W	FI G 4s	15	3	On post.	Maintained from July 1 to Nov. 1.
		*					5/03

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
27970	- RANGE FRONT LIGHT	64 29 55 N 165 24 52 W	Q W	24	6	KGW on spindle.	Maintained from July 1 to Nov. 1.
		*					5/03
27975	- RANGE REAR LIGHT	64 29 55 N 165 24 51 W	Iso W 6s	36	6	KGW on wooden tower.	Maintained from July 1 to Nov. 1.
	*	*					5/03
27976	NOME TERMINAL LIGHT	64 29 38 N 165 26 15 W	FI G 2.5s	34		Post on box.	Maintained from July 15 to Nov. 15. Private aid.
		*					5/03
27977	NOME TERMINAL BRIDGE WEST LIGHT	64 29 59 N 165 26 04 W	F R	26		Post on box.	Obscured from 197° to 017°. Maintained from July 15 to Nov. 15. Private aid.
		*					5/03
27978	NOME TERMINAL BRIDGE EAST LIGHT	64 30 00 N 165 26 00 W	F R	26		Post on box.	Obscured from 017° to 197°. Maintained from July 15 to Nov. 15. Private aid.
		*					5/03
BERING SEA (Eastern Part) (Chart 16006)							
27980	GRANTLEY HARBOR LIGHT	65 16 41 N 166 20 56 W	FI W 4s	15	7	NR on skeleton tower.	Maintained from July 1 to Nov. 1.
		*					5/03
28020	LAUPAHOEHOE POINT LIGHT	19 59 37 N 155 14 26 W	FI W 2.5s	39	8	NB on post. 20	
		*			*		4/03
28040	- BREAKWATER LIGHT	19 44 34 N 155 04 30 W	FI W 2.5s	30	8	NB on white post. 22	
		*		*	*		4/03
28040	- BREAKWATER LIGHT	19 44 34 N 155 04 30 W	FI W 2.5s	30	8	NB on white post. 29	
						*	13/03
28120	WAILOA BASIN CHANNEL LIGHT 1	19 43 27 N 155 04 16 W	FI G 4s	15	4	SG on pile.	
		*		*			13/03
ISLAND OF HAWAII (Chart 19320)							
28125	WIALOA BASIN CHANNEL LIGHT 2	19 43 28 N 155 04 18 W	FI R 2.5s	15	4	TR on pile.	
		*		*	*		13/03

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
28130	Cape Kumukahi Light	19 30 59 N 154 48 39 W	FI W 15s	156	22	White pyramidal skeleton tower. 115	Lighted throughout 24 hours. Obscured from 015° to 120°. Emergency light of reduced intensity when main light is extinguished. Operates during periods of darkness only.
		*					12/03
28185	Kailua Light	19 38 16 N 156 00 03 W	Iso W 6s (R sector)	32	W 13 R 10	White pyramidal concrete tower.	Red from 110° to 120°. Obscured from 120° to 263°.
		*					13/03
	Maui Island						
28385	Pauwela Point Light	20 56 44 N 156 19 17 W	FI W 15s	161	15	White Post. 40	
		*					13/03
28410	MOLOKINI ISLAND LIGHT	20 37 50 N 156 29 51 W	FI W 2.5s	186	6	NR on pile. 30	
		*		*	*		13/03
28725	- Channel Daybeacon 9			13		SG on pile.	
	*						12/03
28730	- Channel Daybeacon 12			13		TR on pile.	
	*						12/03
28735	- Channel Daybeacon 11			13		SG on pile.	
	*						12/03
28740	- CHANNEL LIGHT 14	21 28 23 N 157 49 44 W	FI R 4s	15	4	TR on pile.	
	*	*					12/03
28745	- Channel Daybeacon 15			13		SG on pile.	
	*						12/03
28750	- Channel Lighted Buoy 17	21 27 54 N 157 49 25 W	Q G			Green.	
	*	*					12/03
28755	- CHANNEL LIGHT 18		FI R 2.5s	15	4	TR on pile.	
	*						12/03
28760	- Channel Lighted Buoy 20	21 27 22 N 157 48 43 W	FI R 4s		4	Red.	
	*	*					12/03
28765	- CHANNEL LIGHT 21		FI G 4s	15	5	SG on pile.	
	*						12/03

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SECTION II

SUMMARY OF 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
28770	- CHANNEL DANGER LIGHT	21 26 56 N 157 47 45 W	Q W	15	4	NW on pile worded DANGER SUBMERGED REEF.	
		*					12/03
28775	- CHANNEL LIGHT 22		F R 4s	15	4	TR on pile.	
	*						12/03
28780	- Channel Daybeacon 23			13		SG on pile.	
	*						12/03
28785	- CHANNEL LIGHT 25		Q G	15	4	SG on pile.	
	*						12/03
28790	- Channel Buoy 26					Red nun.	
	*						12/03
28845	- Junction Buoy S	21 26 54 N 157 47 41 W				Green and red bands; can.	
	*	*				*	11/03
29235	- Channel Buoy 12	21 18 59 N 157 52 47 W				Red nun.	
	*	*					8/03
29652	- HARBOR ENTRANCE CHANNEL RANGE FRONT LIGHT	21 19 45 N 158 06 53 W	F G	50		KRW on post.	Visible 4° each side of rangeline.
		*					4/03
29653	- HARBOR ENTRANCE CHANNEL RANGE REAR LIGHT 125 yards, 045° from front light.	21 19 48 N 158 06 50 W	Iso G 6s	75		KRW on post.	Visible 4° each side of rangeline.
		*					4/03
29654.3	- HARBOR ENTRANCE CHANNEL LIGHT 7	21 19 24 N 158 07 20 W	Q G	15	5	SG on pile.	
	*	*	*		*		4/03
Kikiaola Boat Harbor							
29900	- RANGE FRONT LIGHT	21 57 34 N 159 41 36 W	F R	16		Steel pole on concrete base.	Located west of harbor. Private aid.
		*	*				8/03
29901	- RANGE REAR LIGHT 71 yards, 351.1° from front light.		F R	28		Steel pole on concrete base.	Located west of harbor. Private aid.
			*				8/03

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SECTION II

SUMMARY OF 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
Tutuila Island							
30235	STEPS POINT LIGHT	14 22 14 S 170 45 35 W	FI W 4s	78	7	NB on spindle. 21	
		*					13/03
Tutuila Island							
30235	STEPS POINT LIGHT	14 22 22 S 170 45 35 W	FI W 4s	78	7	NB on spindle. 21	
		*					15/03
30710	GLASS BREAKWATER LIGHT	13 27 17 N 144 37 28 E	FI W 4s	60	6	NB on post.	
		*		*	*		17/03
30725	- PIER DOG LIGHT	13 27 47 N 144 38 54 E	FI W 4s	25	6	NB on post.	Obscured from 090° to 270°.
					*		17/03
30785	- LIGHT	13 26 37 N 144 39 21 E	Iso W 6s	22	8	NB on skeleton tower.	
				*			17/03
30865	MANAGAHA ISLAND LIGHT	15 14 27 N 145 42 45 E	FI W 6s (G & R sectors)	75	6	NB on spindle.	Green from 030° to 040°. White from 040° to 047°. Red from 047° to 057°.
		*	*				* 7/03
30871	- Channel Lighted Buoy 2A	15 13 46 N 145 42 01 E	FI R 2.5s		4	Red.	
		*					12/03
30871	- Channel Lighted Buoy 2A	15 13 45 N 145 42 01 E	FI R 2.5s		4	Red.	
		*					13/03
30885	- Channel Lighted Buoy 3	15 13 36 N 145 42 15 E	FI G 2.5s		4	Green.	
		*					10/03
30885	- Channel Lighted Buoy 3	15 13 39 N 145 42 06 E	FI G 2.5s		4	Green.	
		*					12/03
Garapan Channel							
30917	- LIGHT 1	15 11 49 N 145 42 31 E	FI G 2.5s	20		On concrete lighthouse.	Private aid.
		*					18/03

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SECTION II

SUMMARY OF 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
Constellation Nuclear Security Zone							
2060	-No Entry Bouy A	43 31 00 N 76 25 42 W				White can with orange exclusion symbol and worded NO ENTRY.	Replaced by spar from Nov. 1 to Apr. 15. Private aid.
	*						6/03
Constellation Nuclear Security Zone							
2060	-No Entry Bouy A	43 31 00 N 76 25 42 W				White can with orange exclusion symbol and worded NO ENTRY.	Replaced by spar from Nov. 1 to Apr. 15. Private aid.
	*	*	*			*	4/03
*2060.1	-No Entry Buoy B	43 31 12 N 76 25 42 W				White can with orange bands orange exclusion symbol and worded NO ENTRY.	Replaced by spar from Nov. 1 to Apr. 15. Private aid.
							4/03
*2060.2	-No Entry buoy C	43 31 20 N 76 25 27 W				White can with orange bands orange exclusion symbol and worded NO ENTRY.	Replace by spar from Nov. 1 to Apr. 15. Private aid.
							4/03
*2060.3	-No Entry Buoy D	43 31 27 N 76 25 12 W				White can with orange bands orange exclusion symbol and worded NO ENTRY.	Replaced by spar from Nov. 1 to Apr. 15. Private aid.
							4/03
*2060.4	-No Entry Buoy E	43 31 35 N 76 24 57 W				White can with orange bands orange exclusion symbol and worded NO ENTRY.	Replaced by spar from Nov. 1 to Apr. 15. Private aid.
							4/03
*2060.5	-No Entry Buoy F	43 31 38 N 76 24 39 W				White can with orange bands orange exclusion symbol and worded NO ENTRY.	Replaced by spar from Nov. 1 to Apr. 15. Private aid.
							4/03
*2060.6	-No Entry Buoy G	43 31 40 N 76 24 21 W				White can with orange bands orange exclusion symbol and worded NO ENTRY.	Replaced by spar from Nov. 1 to Apr. 15. Private aid.
							4/03
*2060.7	-No Entry Buoy H	43 31 42 N 76 24 03 W				White can with orange bands orange exclusion symbol and worded NO ENTRY.	Replaced by spar from Nov. 1 to Apr. 15. Private aid.
							4/03
*2060.8	-No Entry Buoy I	43 31 44 N 76 23 45 W				White can with orange bands orange exclusion symbol and worded NO ENTRY.	Replaced by spar from Nov. 1 to Apr. 15. Private aid.
							4/03
*2060.9	-No Entry Buoy J	43 31 46 N 76 23 29 W				White can with orange bands orange exclusion symbol and worded NO ENTRY.	Replaced by spar from Nov. 1 to Apr. 15. Private aid.
							4/03

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SECTION II

SUMMARY OF 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
*2061	-No Entry Buoy K	43 31 48 N 76 23 12 W				White can with orange bands orange exclusion symbol and worded NO ENTRY.	Replace by spar from Nov. 1 to Apr 15. Private aid. 4/03
*2061.1	-No Entry Buoy L	43 31 36 N 76 23 12 W				White can with orange bands orange exclusion symbol and worded NO ENTRY.	Replaced by spar from Nov. 1 to Apr 15. Private aid. 4/03
2271.3	- No Entry Buoy D	43 17 18 N 77 18 42 W				White can with orange bands and exclusion symbol worded NO ENTRY.	Private aid. 6/03
BUFFALO HARBOR (Chart 14833)							
Buffalo Harbor							
2665	- <i>Traffic Lighted Bell Buoy B</i>	42 50 09 N 78 55 26 W	Mo (A) W			8 Red and white stripes.	Maintained from Apr. 28 to Dec. 7. * 13/03
2975	<i>Middle Reefs Lighted Buoy EU4 (C)</i>		FI R 4s			Red.	Seasonal. No winter mark. * 13/03
3325	HOOKER ELECTROCHEMICAL CRIB LIGHT		FI W 7s	9 3		On post.	Maintained from Apr. 1 to Dec. 1. Private aid. * 13/03
3330	HOOKER ELECTROCHEMICAL OUTFALL CRIB LIGHT	43 03 52 N 78 59 37 W	FI W 7s	9 3		On post.	Maintained from Apr. 1 to Dec. 1. Private aid. * 13/03
4345	- <i>Lighted Buoy 5</i>		FI G 4s			4 Green.	Maintained from Apr. 15 to Nov. 14. * 6/03
4605	- <i>Lighted Buoy 6</i>		FI R 4s			4 Red.	Replaced by nun from Dec. 7 to Apr. 14. * 6/03
4725	- RANGE FRONT LIGHT	41 28 36 N 82 41 48 W	Q G	33 10		9 KRW on skeleton tower.	Visible on range line only. Higher intensity on rangeline only. * 6/03
5255	PLEASANT POINTE NORTH PIER LIGHT	41 32 24 N 82 42 54 W	FI W	16 5		On post.	Maintained from Apr. 15 to Nov. 30. Private aid. * 6/03

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SECTION II

SUMMARY OF 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
6050	- Entrance Light 2	41 49 30 N 83 11 36 W	F I R 2.5s	44 13	13	TR on tower with red band.	RACON: M (— —) BELL: 1 strike ev 30s. HORN: 1 blast ev 15s (1s bl). Standby Signal. Operates year round. * 6/03
6465	- RANGE REAR LIGHT 860 feet, 290° from front light.	41 49 47 N 83 24 57 W	F R	47 14		On pile.	Private aid. * 6/03
7195	Livingstone Channel Upper Entrance Light (C)	42 08 12 N 83 07 18 W	A I W R 10s	40 12	15	White circular tower mounted on white square crib. 20	Emergency light FI (2) W 15s. HORN: (two-tone) 1 blast ev 15s (4s bl). Operates year round * 6/03
8575	- Buoy 31					Green can.	* 6/03
8575	- Buoy 31					Green can.	Replaced by can from Dec. 21 to Mar. 28. Ra ref. * 13/03
St. Clair River							
9825	Fawn Island Upper End Lighted Buoy 42		Q R		4	Red.	Replaced by nun from Dec. 21 to Apr. 1. * 13/03
9875	St. Clair Middle Ground Lighted Buoy 48		Q R		4	Red.	Replaced by nun from Dec. 21 to Apr. 1. * 13/03
9885	St. Clair Middle Ground Lighted Buoy 52		Q R		4	Red.	Replaced by nun from Dec. 21 to Apr. 1. * 13/03
10650	- Lighted Buoy 13	43 43 00 N 83 47 38 W	F I G 4s		4	Green.	Replaced by can from Dec. 14 to Apr. 21. * 13/03
10685	- Lighted Buoy 20	43 40 23 N 83 49 55 W	F I R 4s		4	Red.	Replaced by nun from Dec. 14 to Apr. 21. * 13/03
11170	ALABASTER TRAMWAY RANGE REAR LIGHT 170 feet, 270° from front light.		F R	70 21		Gray box.	Private aid. * 6/03

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SECTION II

SUMMARY OF 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
Alpena							
11390	- Junction Lighted Buoy AL	45 02 54 N 83 24 06 W	FI (2+1) R 6s		4	Red with green band.	Replaced by nun from Dec. 1 to Apr. 28. * 13/03
*Change Note to Read:							
Mackinaw Bridge							
<i>* Buoys maintained from Apr. 28 to Dec. 7.</i>							
12625	- Lighted Bell Buoy 1	45 48 24 N 84 42 30 W	FI G 4s		4	Green.	6/03
14191	GEORGE KEMP MARINA EAST LIGHT	46 30 01 N 84 20 11 W	FI G 4s	12 4		Metal tower.	Maintained from May 1 to Oct. 31. Private aid. * 6/03
14192	GEORGE KEMP MARINA WEST LIGHT	46 30 02 N 84 20 14 W	FI R 4s	12 4		Piling with metal tower.	Maintained from May 1 to Oct. 31. Private aid. * 6/03
15150	LAC LA BELLE NORTH PIERHEAD LIGHT		FI R 4s	25 8	4	2 TR on gray pole.	 * 6/03
15155	Keweenaw Point Lighted Buoy 1		FI G 4s		4	Green.	Maintained from May 14 to Oct. 14. * 6/03
16604	- HARBOR OF REFUGE SOUTH BREAKWATER LIGHT	47 31 14 N 90 55 28 W	Iso W 4s	22 7		NW on tower worded CAUTION.	Private aid. Ra ref. 6/03
16605	- HARBOR OF REFUGE BREAKWATER LIGHT 3	47 31 16 N 90 55 25 W	FI G 4s	22 7		SG on tower.	Private aid. Ra ref. * 6/03
16606	- HARBOR OF REFUGE INNER LIGHT	47 31 17 N 90 55 25 W	Q R	17 5		TR on tower.	Visible from 284° to 336°. Private aid. 6/03
16770	Middle Island Passage Lighted Bell Buoy 2	48 05 27 N 88 34 20 W	FI R 4s		4	Red.	Replaced by nun from Oct 14 to May 28. * 6/03
*Change Heading to Read:							
*BIG TRAVERSE BAY (CHART 6211) (C)							
16925	PENASSE ISLAND LIGHT (C)	49 22 18 N 94 57 30 W	FI W 4s	37 11	6	Red and white rectangular daymark on circular mast. 20	Visible from 181° to 076°. 6/03

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SECTION II

SUMMARY OF 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
*Add Heading: *LAKE OF THE WOODS (Chart 14999)							
16930	<i>Pine Creek Lighted Buoy 2</i>		F I R 4s		3	Red.	6/03
18395	- SOUTH PIERHEAD LIGHT		F I R 6s	30 9	6	TR on post.	6/03
*							
Suttons Bay							
18425	- INNER LIGHT		F I R 6s	27 8	4	TR on post.	6/03
18815	BANK POINT LIGHT Marks south side of shoal.		F I G 4s	24 7	5	SG on post on concrete pier.	6/03
*							
19800	- Harbor Breakwater South End Light	41 43 34 N 87 29 36 W	A I W R 10s 0.2s W fl 4.8s ec. 0.2s R fl 4.8s ec.	50 15	W 15 R 12	White square skeleton tower with red band. Lower half open.	HORN: 1 blast ev 15s (2s bl). Operates continuously from Apr. to Dec. * 6/03
*							
Newport Marina							
20386	- Reef Obstruction Lighted Buoy A	42 28 49 N 87 47 53 W	Q W			White can with orange bands and diamond worded REEF.	Private aid. * 15/03
*							
ALGOMA TO SHEBOYGAN (Chart 14903)							
Sheboygan							
20805	- GENERATING STATION SOUTH INTAKE CRIB LIGHT 6	43 42 56 N 87 41 58 W	F I R 3s	46 14		TR on skeleton tower on cylindrical well.	Private aid. * 15/03
*							
20810	- GENERATING STATION MIDDLE INTAKE CRIB LIGHT 4 LIGHT 4		F I R 10s	50 15		TR on rectangular tower.	Private aid. * 15/03
*							
20815	- Generating Station North Intake Lighted Buoy 2	43 43 02 N 87 42 01 W	F I R 4s			Red.	Maintained from May 1 to Oct. 15. Private aid. * 15/03
*							
21145	- Lighted Buoy 18	44 49 44 N 87 22 33 W	F I R 4s		4	Red.	Replaced by nun from Nov. 21 to Apr. 21. * 13/03
*							

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SECTION II

SUMMARY OF 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
Porte Des Morts Passage							
21300	<i>Porte Des Morts Entrance Lighted Bell Buoy</i>	45 13 53 N 86 53 54 W	Mo (A) W		6	Red and white stripes.	Maintained from Apr. 21 to Dec. 1. 13/03
		*					
21320	- Outer Shoal Buoy 1 Marks east side of shoal.	45 13 58 N 86 55 29 W				Green can.	Maintained from Apr. 21 to Dec. 1. * 13/03
21335	<i>Waverly Shoal Lighted Bell Buoy 5</i> Marks northeast side of shoal.	45 17 07 N 86 56 43 W	FI G 2.5s		4	Green.	Replaced by can from Dec. 1 to Apr. 21. 13/03
		*					
21900	<i>Chambers Island West Shoal Lighted Bell Buoy 3</i>	45 10 48 N 87 24 23 W	FI G 2.5s		4	Green.	Replaced by can from Dec. 1 to Apr. 21. 13/03
		*					
22010	<i>Peshigo River Entrance Lighted Bell Buoy 2</i>						<i>Remove from list.</i> * 6/03
*22014	<i>Oconto Harbor Lighted Bell Buoy</i>	44 53 00 N 87 46 00 W	FI R 4s		4	Red.	Maintained from May 1 to Nov. 14. 6/03
22145	- <i>Lighted Buoy 9</i>	44 37 22 N 87 55 33 W	FI G 4s		4	Green.	Replaced by can from Dec. 1 to Apr. 21. 13/03
		*					
*Add Heading: *Lanai Island							
*22272	- ENTRANCE LIGHT 1	44 32 21 N 88 00 12 W	F G	11 3 3 1		SG on pile.	Private aid. 15/03
*22273	- ENTRANCE LIGHT 2	44 32 20 N 88 00 12 W	F R	11 3 3 1		TR on pile.	Private aid. 15/03

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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
156 <i>L 5266</i>	Brede Fjord, Inugsugtut.	60° 43.1' N 46° 59.3' W	Fl.(3)W.R.G. period 10s fl. 1s, ec. 1s fl. 1s, ec. 1s fl. 1s, ec. 5s	131 40	W. 8 R. 6 G. 5	Red tower.	W. 059°-080°, R.-106°30', G.-113°, W.-118°30', R.-131°, G.-059°.
	RACON		O(--) period 60s				
		*	*	*		*	*
							18/03
*14862 <i>J 5738.5</i>	--Port de Lauricisque, jetty, head.	16° 15.0' N 61° 32.9' W	Fl.(4)G. period 15s	20 6	2	White pylon, green top, green square daymark.	
							18/03
*14878 <i>J 5743</i>	--Port de Bananier, jetty, head.	16° 00.1' N 61° 35.7' W	Fl.R. period 2.5s	20 6	4	White pylon, red top, red triangular daymark.	
							18/03
17456 <i>J 6908</i>	Rochambeau AVIATION LIGHT.						<i>Remove from list.</i>
							*
							18/03

CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1048 <i>G 1972</i>	-Patilliguaje Rock.	20° 12.4' S 70° 09.3' W	Fl.(2+1)G. period 14s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 3.7s fl. 0.3s, ec. 7.7s	16 5	5	PREFERRED CHANNEL (B) RGR, tower; 16.	
					*		18/03
1078 <i>G 1961</i>	-Punta Chomache.	21° 07.5' S 70° 08.0' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	49 15	7	White fiberglass pillar, red bands; 8.	Visible 330°-208°.
				*	*		18/03
1080 <i>G 1960</i>	Punta Falsa Chipana.	21° 20.5' S 70° 05.3' W	Fl.W. period 15s fl. 0.7s, ec. 14.3s	20 6	8	White fiberglass pillar, red bands; 8.	Visible 347°-246°.
				*	*		18/03
	FIRTH OF THAMES:						
4224 <i>K 3852</i>	-Sandspit Passage.	36° 54.0' S 175° 11.0' E	Fl.W.R. period 2s fl. 0.5s, ec. 1.5s	21 6	W. 7 R. 4	White metal column on wooden piles; 19.	W. 091°18'-124°, R.-287°48', W.-303°18, R.-000°. Obscured by Ponui Island 139°-277°.
			*				*
							18/03
4944 <i>K 4204</i>	Separation Point.	40° 47.0' S 173° 00.0' E	Fl.W. period 8s fl. 0.5s, ec. 7.5s	60 18	8	White round structure; 8.	Visible 099°-328°.
					*		18/03

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CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
4948 <i>K 4206</i>	Pitt Head.	40° 57.0' S 173° 04.0' E	Fl.(2)W.R. period 15s fl. 1s, ec. 2s fl. 1s, ec. 11s	74 23	W. 7 R. 4	Orange square daymark, white stripe; 10.	R. shore-191°, W.-337°, R.-348°, obscured elsewhere.
			*				18/03
5038 <i>K 4237</i>	-Anatakupu Island.	40° 53.7' S 173° 52.1' E	Fl.W. period 3s	102 31		4 Fiberglass column; 7.	
			*				18/03
PORT OF DAMPIER:							
9340.2	-“Sea Buoy”	20° 25.4' S 116° 43.0' E	Fl.(4)Y. period 10s			SPECIAL Y, conical.	
	-RACON		M(- -)				(3 & 10cm)
		*	*			*	18/03

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
4950 <i>F 6278.5</i>	-Sokodo Hakuti, breakwater.	33° 07.4' N 139° 49.2' E	Fl.W. period 3s	52 16	10	White tower; 33.	
		*			*	*	18/03
6088 <i>F 6158.2</i>	Toyohama Ko, W. breakwater, E. head.	34° 42.2' N 136° 56.2' E	Iso.G. period 6s	33 10		4 White round concrete structure; 28.	
		*			*		18/03
6240 <i>F 6081.2</i>	-Inner breakwater, head.	34° 36.6' N 136° 31.8' E	Iso.R. period 6s	39 12		4 Red tower; 33.	
		*			*		18/03
6364 <i>F 6042.46</i>	-W. breakwater, head.	34° 21.9' N 136° 53.8' E	Fl.R. period 4s	36 11		3 Red round concrete structure; 30.	
					*		18/03
6600 <i>F 6020</i>	-Hikimoto Ko, breakwater.	34° 06.3' N 136° 14.6' E	Iso.G. period 4s	30 9		4 White octagonal concrete tower; 28.	
		*			*		18/03
6612 <i>F 6015</i>	-Osone Ura, E. breakwater, head.	34° 03.9' N 136° 13.3' E	Fl.G. period 3s	43 13		3 White quadrangular metal framework structure; 32.	
		*		*	*		18/03
10908 <i>F 4837</i>	Odomari Ko, breakwater.	31° 01.4' N 130° 41.2' E	F.Fl.R. period 5s	49 15	F. 3 Fl 7	Red tower; 28.	
		*		*	*	*	18/03

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SECTION II

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
13900 <i>F 4660.4</i>	Taichung Harbor.	24° 18.0' N 120° 29.2' E	Fl.W. period 2s	70 21	18	White round concrete tower; 60.	
	RACON		M(- -)		15		
		*	*		*		18/03
*18210 <i>F 4068.1</i>	Jiaoliu Dao.	39° 16.5' N 122° 42.7' E	Fl.R. period 6s	82 25	10	White square tower; 26.	
							18/03
18384 <i>F 3966.2</i>	-Pier.	40° 47.8' N 121° 04.0' E	Fl.W. period 4s	66 20	4		
*				*	*		18/03

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
2000 <i>D 1547</i>	-Darsena del Puerto.	43° 26.5' N 3° 27.8' W	F.R., F.G.	26 8	4	Metal columns.	The G. light is shown on S. side and the R. light on N. side of entrance.
		*					* 18/03
4400 <i>E 0073.4</i>	- -Elbow.						<i>Remove from list.</i>
							* 18/03
*4402 <i>E 0073.7</i>	-Silt retention dike, head.	36° 44.8' N 4° 04.4' W	Fl.(3)R. period 9s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	26 8	3	Red truncated tower; 13.	
							18/03
4798 <i>E 0267.7</i>	-Losa de Sta. Evlalia.						<i>Remove from list.</i>
							* 18/03
5292 <i>E 0364.2</i>	- -Canal de Alfonso XII, at E. end.	39° 52.9' N 4° 18.3' E	Q.(2)R. period 6s fl. 0.3s, ec. 0.7s fl. 0.3s, ec. 4.7s	23 7	1	Red round tower; 20.	
			*	*			18/03
5296 <i>E 0364.4</i>	- -W. end.	39° 52.9' N 4° 18.2' E	Q.R.	23 7	1	Red round tower; 20.	
		*	*	*			18/03
5875.4 <i>E 0439.8</i>	Mataro harbor.	41° 31.6' N 2° 26.7' E	Fl.(4)G. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	49 15	5	Green tower.	
			*				18/03

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

SECTION II

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
* 8264.5 <i>E 1134.4</i>	-Mole, head.	40° 56.2' N 8' 13.8' E	Fl.R. period 4s fl. 1s, ec. 3s	20 6	4	Red mast.	18/03
17296 <i>E 4917.5</i>	--Boat harbor, mole, head.	40° 52.9' N 29' 06.1' E	Fl.R. period 2s fl. 0.3s, ec. 1.7s	20 6	7	Concrete tower; 10.	18/03
23788 <i>D 2849.2</i>	--Safety Range, front, on landing place of harbor, head.				*	*	18/03
23788 <i>D 2849.2</i>	--Safety Range, front, on landing place of harbor, head.					Remove from list.	*
23792 <i>D 2849.21</i>	--Rear, 40 meters 182° from front.					Remove from list.	*
23792 <i>D 2849.21</i>	--Rear, 40 meters 182° from front.						18/03
23796 <i>D 2848.5</i>	--Head.	28° 40.4' N 17' 46.1' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	30 9	3	Red post; 13.	18/03
* 23797 <i>D 2849</i>	-Muelle Polivalente, head.	28° 40.5' N 17' 46.1' W	Fl.(2+1)R. period 21s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s fl. 0.5s, ec. 13.5s	30 9	3	Red truncated tower, green band; 13.	18/03

CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
284 <i>C 0370</i>	Gravarna Backevik Range, front.	58° 21.4' N 11' 14.8' E	Iso.R. period 3s	49 15	8	On roof of sector light.	18/03
			Iso.W.R.G. period 3s	49 15	W. 8 R. 6 G. 5	Red lantern.	G. 046°-055°, W.-058°, R.-069°30'.
	*	*	*	*	*	*	*
672	--Rear, 110 meters 101° from front.	57° 56.7' N 11' 33.9' E	F.G.	44 13	2	Post, orange triangular daymark.	Fishing light.
	*						18/03
680 <i>C 0490</i>	-Berlin Islet.	57° 56.0' N 11' 33.0' E	Fl.W.R.G. period 3s fl. 0.7s, ec. 2.3s	25 8	W. 5 R. 3 G. 3	White round metal hut, red roof.	G. 330°30'-338°30', W.-343°, R.-096°30', G.-136°30', W.-144°24', R.-155°, G.-163°, W.-168°30', R.-191°.
			*			*	*
							18/03

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.

**PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 18/03**

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* 2,3,4,7,8,9,10,11,14,15,17/03	SDPUB153	2000	6/01*:28,30,41,44,46,47,48,52/02;1,3,4,8,13,15/03	COAST PILOT		
Region 2	2002	1* 8,15,17/03	SDPUB154	2002	17* 19,31,42,44,45,46,48,50/02;3,14/03	NOSPBCP1	32	37*,39,41,47,51/01;1,5,7,13,18,33,37,39,42,45,49,51/02;3,9,10,18/03
Region 3	2002	1/03*	SDPUB155	2001	31*,48/01;10,45,46/02	NOSPBCP2	32	17*,18/03
Region 4	2002	1/03*	SDPUB158	2000	50/00*:5,10,12,13,15,17,20,24/01;46/02	NOSPBCP3	35	3*,5,7,12,15,17,18,21,22,27,28,33,37,42,45,49,51/02;3,10,12,13,14,18/03
Region 5	2002	1* 3,5,8/03	SDPUB159	2002	42*,48/02	NOSPBCP4	34	49*,51/02;12,14,18/03
Region 6	2002	1* 10,11,13,16/03	SDPUB160	2002	47*,48,49,52/02;6,8,10,11/03	NOSPBCP5	30	2*,6,10,12,14,18/03
Region 7	2002	1* 11,15/03	SDPUB161	2002	23*,24,44,47,48/02;5,12/03	NOSPBCP6	32	19*,20,21,33,39,45,47,49,51/02;3,6,18/03
Region 8	2002	1*,14/03	SDPUB162	2001	51/01*:5,12/03	NOSPBCP7	34	1*,3,10,18/03
Region 9	2002	1/03*	SDPUB163	2002	18*,20,21,26,46,51/02;13/03	NOSPBCP8	24	3*,5,16,17,19,23,33,37,40,47,50,51/02;9,18/03
Miscellaneous Charts and Publications	2002	1* 2,4,5,6,7,9,11,12,13,15,17,18/03	SDPUB171	2001	40* 47,48,52/01;5,9,14,16,41/02	NOSPBCP9	20	12*,20,23,33,37,45,50,51/02;3,6,9,10,14,18/03
NIMA LIST OF LIGHTS			SDPUB172	2001	1*,2,3,5,6,7,8,9,14,15,16,17,18,19,20,22,24/02;1,11,12,13,14,15/03	RADIO NAVIGATIONAL AIDS		
LLPUB110	2003	7* 8,9,11,13,14,15,16,17,18/03	SDPUB173	2002	50*,51/02;3/03	RAPUB117	2002	50/02*:13/03
LLPUB111	2002	35*,36,37,38,39,40,41,42,43,44,45,46,47,48,50,51,52/02;1,2,3,4,5,6,7,8,9,10,12,15,16,17,18/03	SDPUB174	2000	7* 19,37,45,51,52/01;1,5,14,19,22,28,33,37,38,48/02	AMERICAN PRACTICAL NAVIGATOR		
LLPUB112	2003	4* 5,6,7,8,9,10,11,12,13,14,15,16,17,18/03	SDPUB175	2001	41* 43,45,51/01;8,11,12,13,14,16,17,21,27,37,41,49/02	NVPUB9	2002	36/02*:14/03
LLPUB113	2002	45* 47,48,50,51,52/02;1,2,3,4,5,6,7,8,10,11,12,13,14,15,16,17,18/03	SDPUB180	2002	32*,33,42,47,48,50/02;6,13,14,17/03	INTERNATIONAL CODE OF SIGNALS		
LLPUB114	2003	17/03*	SDPUB181	2002	38*,39/02	NVPUB102	1999	46/99*:52/01
LLPUB115	2002	39*,40,41,44,45,50,51,52/02;1,15/03	SDPUB182	2001	8*,10,12,41/02;17/03	WORLD PORT INDEX		
LLPUB116	2002	18*,20,21,22,24,25,26,27,29,31,34,37,41,42,44,45,46,47,48,49,50,52/02;1,2,4,5,6,7,8,9,10,11,12,13,16,17,18/03	SDPUB183	2001	27/01*:13,15,16/02;18/03	NVPUB150	2000	50/00*:14,15,16,20,21,41,42,43,44,45,46,47,48,49,51,52/01;1,2,5,6,10,11,12,16,19,21,22,27,31,32,33,36,39,40,42,46,49/02;2,7,10,15/03
SAILING DIRECTIONS			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;2,9,12,15,18/03	DISTANCES BETWEEN PORTS		
CDPUBSD131	2002	9/03*	SDPUB192	2000	14*,16,17,18,24,26,31,36,38,39,46/00;4,14,17,21,22,23,25,26,28,30,31,32/01;11,12,13,14,15,16,22,23,27,36,37,42,48,52/02;2,4,5,6,7,8,13/03	NVPUB151	2001	4/02*
CDPUBSD146	2002	4/03*	SDPUB193	2000	27*,38,49/00;9,26,27,31,32/01;14,15,26,52/02;18/03	RADAR NAVIGATION AND MANEUVERING BOARD MANUAL		
CDPUBSD157	2002	17/03*	SDPUB195	2002	33*,40,49,51,52/02;1,2,3,15,16/03	CDPUBNV1310	2001	51/01*
CDPUBSD194	2002	6*,8,15,17/03	SDPUB200	2002	38*,39,42/02	SIGHT REDUCTION TABLES (MARINE)		
SDPUB120	2001	12*,18,48,49,51/01;8,13,14,21,22,24,29,33,35,37,42,43,44,45,47/02;4,6,7,8,9,10,11,12,14,17/03	COMDTM16501	2003	17*,18/03	SRPUB229V1	1970	11/71*
SDPUB123	2001	45*,47,48/01;1,14,17,18,19/02	COMDTM16502	2003	17*,18/03	SRPUB229V2	1970	11/71*
SDPUB124	2001	18*,44,45,47,48,49,52/01;17,19,20,21,29,30,31,34,46,50/02	COMDTM16503	2003	17*,18/03	SRPUB229V3	1970	7/71*
SDPUB125	2000	6*,9,10,20,21,40/00;36,37,45,46/01;14,17,33,35,38,40/02	COMDTM16504	2003	18/03*	SRPUB229V4	1970	3/71*
SDPUB126	2002	39*,41,42,43,44,45,48/02	COMDTM16505	2002	16/02*	SRPUB229V5	1970	3/71*
SDPUB127	2000	37*,38/00;18,33,40,44,45,48,49,52/01;1,11,13,17,18,27,33,34,37,41,47,49,51/02;5/03	COMDTM16506	2003	18/03*	SRPUB229V6	1970	23/70*
SDPUB132	2000	39*,45/00;16,17,31,35/01;1,12,21,25,26/02;2,10/03	COMDTM16507	2003	18/03*	SIGHT REDUCTION TABLES (AIR)		
SDPUB140	2001	21*,48,49,51/01;8,17,23,32,42,43,44,46,47,48,50/02;4,6,7,8,9,11,12,15/03	FLEET GUIDES			SRPUB249V1	2000	4/01*
SDPUB141	2001	21*,38/01	FGPUB940ATL	2001	N47/01*	SRPUB249V2	1952	46/52*
SDPUB142	2000	49/00*:3,31,35/01;1,15,43/02	FGPUB941PAC	2001	N22/01*	SRPUB249V3	1952	46/52*
SDPUB143	2000	8*,10,19,29/00;16,26/01;1,25/02;9/03	NOS MISCELLANEOUS PUBLICATIONS			CHART NO. 1		
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	NOSPBCATALOG1	2000	20/00*	WOBZC1	1997	18/98*
SDPUB147	2001	35/01*:21,22,23,24/02	NOSPBCATALOG2	2000	34/00*	CHART NO. 4		
SDPUB148	2001	48/01*:23,24/02	NOSPBCATALOG3	2000	28/00*	WOBZC4	1988	N20/89*
			NOSPBCATALOG4	2000	34/00*	ATLAS OF PILOT CHARTS		
			ALMANACS			NVPUB107	1998	30/99*
			AIRALMANAC301	2003	44/02*	NVPUB109	2001	49/02*
			NAUTALMANAC03	2003	44/02*	USCG NAVIGATION RULES		
						COMDTM166722D	1999	44/99*:52/00
						NOS TIDE TABLES		
						NOSPBTTTCWPACIN3	2003	N4/03*
						NOSPBTTTCSTNSA3	2003	N4/03*
						NOSPBTTTEURAFR3	2003	N4/03*

SECTION II
PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 18/03

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

NIMA Reference No.	Ed.	Notice to Mariners No.
NOSPBTWCSTNSA3	2003	N4/03*
TIDAL CURRENT TABLES		
NOSPBTCTATCSTN3	2003	N4/03*
NOSPBTCTPACAS3	2003	N4/03*

BROADCAST WARNINGS

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

NAVAREA IV

Messages in force 171200Z April 2003:

2001 series	219(GEN)	365(14)	99(11)	113(24)	151(24)
393(GEN)	346(GEN)	468(GEN)	107(GEN)	142(24,25)	153(GEN)
2002 series	351(11)	2003 series	108(26,27)	150(11,26)	154(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 quarter are issued in NM 13/03.

NAVAREA IV WARNINGS issued from 101200Z to 171200Z April 2003.

148/03 and 149/03. CANCELED.

150/03(11,26). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS:

A. 0400Z TO 0359Z COMMENCING DAILY

14 THRU 20 APR IN AREA BOUND BY

30-45N 080-54W, 30-45N 080-11W,

30-36N 080-11W, 30-34N 080-33W.

B. 0400Z TO 0359Z COMMENCING DAILY

14 THRU 20 APR IN AREA BETWEEN

29-10N 29-20N AND 079-40W 079-50W.

C. 1400Z TO 0359Z COMMENCING DAILY

15 THRU 19 APR AND 0400Z TO 0800Z

DAILY 16 THRU 20 APR IN AREA BETWEEN

30-00N 29-50N AND 081-00W 080-50W.

2. CANCEL THIS MSG 210459Z APR.

(111330Z APR 2003)

151/03(24). NORTH ATLANTIC. TRINIDAD.

SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE

BY M/V VERITAS VIKING AND M/V GULF PROVIDER

TOWING 5100 METER LONG CABLE IN AREA BOUND BY

09-50.87N 060-55.64W, 10-17.28N 060-54.93W,

10-16.58N 060-19.02W, 09-52.84N 060-18.99W,

09-49.73N 061-03.60W. WIDE BERTH REQUESTED.

(111555Z APR 2003)

152/03. CANCELED.

153/03(GEN).

1. NAVAREA IV MESSAGES IN FORCE 121000Z APR 2003. ONLY THOSE

MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.

2003 SERIES: 99(11), 106(GEN), 107(GEN), 108(26,27), 113(24),

134(11,26), 142(24,25), 147(11), 150(11,26), 151(24), 152(24).

2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF

12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02.

3. CANCEL NAVAREA IV 136/03.

(121010Z APR 2003)

154/03(GEN). GPS SATELLITE SYSTEM.

1. PRN 17 UNUSABLE 172115Z TO 180915Z APR.

2. CANCEL THIS MSG 181015Z APR.

(141330Z APR 2003)

155/03. CANCELED.

HYDROLANTS

Messages in force 171200Z April 2003:

2000 series	1485(24)	181(57)	599(GEN)	722(55)	774(GEN)
1569(36)	2027(GEN)	271(GEN)	602(54,56)	730(52)	777(24)
2937(38)	2203(51)	309(24)	604(26,27)	732(37)	778(24)
3762(43)	2354(53)	317(37)	615(54,56)	738(35)	779(24)
4265(44)	2673(GEN)	339(GEN)	633(37)	741(GEN)	782(55)
2001 series	2682(51)	390(22)	635(51)	743(56)	784(24)
611(44)	2808(24)	404(37)	642(37,43)	744(56)	786(57)
1798(37)	2848(37)	433(GEN)	653(53)	749(55)	787(56)
2659(GEN)	2869(52)	490(51)	654(52,53)	750(35)	788(24,57)
2700(37)	2882(54)	522(24)	660(52)	754(37)	789(57)
3161(44)	2883(54)	536(36)	671(53)	758(23,29)	790(24)
2002 series	2003 series	544(55)	672(23)	764(GEN)	
245(GEN)	41(37)	551(53)	675(37)	767(37)	
246(GEN)	65(53)	563(37)	686(55)	771(51,52)	
383(53)	67(37)	579(37)	687(56)	772(42)	
946(53)	76(54)	580(53)	713(52)	773(55)	

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 quarter are issued in NM 13/03.

HYDROLANT WARNINGS issued from 101200Z to 171200Z April 2003.

748/03. CANCELED.

749/03(55). BLACK SEA.

1. SURVEY OPERATIONS IN PROGRESS UNTIL 30 JUN 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.
TWO MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 496/03.
3. CANCEL THIS MSG 01 JUL.

(101150Z APR 2003)

750/03(35). IRELAND-WEST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER
NOTICE BY M/V GEO PROSPECTOR TOWING
1200 METER LONG CABLE IN AREA BOUND BY
54-32.4N 010-52.5W, 54-31.2N 010-48.9W,
54-28.4N 010-51.5W, 54-29.5N 010-55.2W.
WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 692/03(24), OPERATIONS COMPLETED.

(101600Z APR 2003)

751/03 thru 753/03. CANCELED.

754/03(37). FRANCE-NORTHWEST COAST.

- CHART 37050 (9TH ED).
1. SOUTHWEST BUOY RELOCATED TO 48-30N 005-45W.
 2. CANCEL HYDROLANT 752/03(37).

(111040Z APR 2003)

755/03 thru 757/03. CANCELED.

758/03(23,29). SOUTH ATLANTIC. ICE.

1. ICEBERGS REPORTED ON 11 APR IN:
 - A. A-38A, 22 MILES BY 48 MILES IN 61-00S 052-36W.
 - B. A-38B, 22 MILES BY 25 MILES IN 61-36S 052-06W.
 - C. A-38C, SEVEN MILES BY 11 MILES IN 60-36S 047-36W.
 - D. A-43B, 13 MILES BY 40 MILES IN 54-24S 039-12W.
 - E. A-43C, 24 MILES BY 41 MILES IN 59-12S 036-24W.
 - F. A-43G, EIGHT MILES BY 49 MILES IN 49-48S 039-54W.
 - G. A-43I, TWO MILES BY 12 MILES IN 59-12S 035-48W.
 - H. A-46, FOUR MILES BY 11 MILES IN 53-48S 043-54W.
 - I. A-47, NINE MILES BY 14 MILES IN 52-24S 046-54W.
 - J. B-09A, 15 MILES BY 22 MILES IN 51-12S 032-30W.
2. CANCEL HYDROLANT 724/03.
3. CANCEL THIS MSG 19 APR.

(120225Z APR 2003)

759/03 thru 763/03. CANCELED.

764/03(GEN).

1. HYDROLANT MESSAGES IN FORCE 121200Z APR 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2003 SERIES: 476(54), 481(37), 483(57), 490(51), 522(24), 536(36), 544(55), 551(53), 563(37), 577(51), 579(37), 580(53), 583(GEN), 599(GEN), 602(54,56), 604(26,27), 615(54,56), 633(37), 635(51), 642(37,43), 653(53), 654(52,53), 660(52), 671(53), 672(23), 675(37), 686(55), 687(56), 707(53), 713(52), 722(55), 730(52), 731(56), 732(37), 734(42), 738(35), 741(GEN), 743(56), 744(56), 746(24), 748(55), 749(55), 750(35), 754(37), 755(53,54), 758(23,29), 759(24), 760(24), 761(24), 762(24), 763(57).
2. THE SUMMARY OF ALL HYDROLANT MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02.
3. CANCEL HYDROLANT 463/03, 706/03.

(121150Z APR 2003)

765/03 and 766/03. CANCELED.

767/03(37). DOVER STRAIT.

CHART 37120 (2ND ED).
SANDETTIE NORTH BUOY 51-18.4N 002-04.8E UNLIT.

(121520Z APR 2003)

768/03 thru 770/03. CANCELED.

771/03(51,52). GIBRALTAR TO PORTUGAL.

16 METER S/V GRANDEE, WHITE AND BLUE HULL, FIVE PERSONS ON BOARD, UNREPORTED GIBRALTAR TO CASCAIS. LAST KNOWN POSITION VICINITY 37-00N 009-00W AT 121700Z APR. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC LISBON.

(140540Z APR 2003)

772/03(42). BARENTS SEA. ICE.

1. ICEBERG REPORTED IN 70-09.0N 053-32.8E ON 14 APR.
2. CANCEL HYDROLANT 734/03.
3. CANCEL THIS MSG 21 APR.

(140920Z APR 2003)

773/03(55). BLACK SEA. MISSILES.

1. HAZARDOUS OPERATIONS 0530Z TO 1330Z DAILY 16 AND 17 APR IN AREA BOUND BY 45-11N 033-11E, 43-50N 033-11E, 43-50N 031-52E, 44-52N 031-11E, 45-20N 032-35E.
2. CANCEL THIS MSG 171430Z APR.

(141010Z APR 2003)

774/03(GEN). GPS SATELLITE SYSTEM.

1. PRN 17 UNUSABLE 172115Z TO 180915Z APR.
2. CANCEL THIS MSG 181015Z APR.

(141335Z APR 2003)

775/03 and 776/03. CANCELED.

777/03(24). BRAZIL-EAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 180259Z APR BY M/V CGG FOHN TOWING SIX 7408 METER LONG CABLES IN AREA BOUND BY 19-45S 039-54W, 19-45S 039-10W, 20-05S 039-10W, 20-05S 040-00W. FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 180359Z APR.

(150810Z APR 2003)

778/03(24). BRAZIL-SOUTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 180259Z APR BY M/V RAMFORM VIKING TOWING TEN 4600 METER LONG CABLES IN AREA BOUND BY 24-00S 042-24W, 24-00S 043-02W, 23-45S 043-05W, 23-45S 042-24W. FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 180359Z APR.

(150815Z APR 2003)

SECTION III

NM 18/03

779/03(24). BRAZIL-NORTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 180400Z APR
BY M/V TROPICALCALIENTE TOWING FIVE 6000 METER
LONG CABLES IN AREA BOUND BY
03-09.2S 038-52.0W, 03-11.2S 038-50.4W,
03-07.6S 038-46.1W, 03-05.6S 038-47.8W.
SIX MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 766/03.
3. CANCEL THIS MSG 180500Z APR.

(150820Z APR 2003)

780/03 and 781/03. CANCELED.

782/03(55). BLACK SEA. MISSILES.

1. HAZARDOUS OPERATIONS 0530Z TO 1330Z DAILY 16 THRU 18 APR
IN AREA BOUND BY 45-11N 033-11E, 43-50N 033-11E,
43-50N 031-52E, 44-52N 033-11E, 45-20N 032-35E.
2. CANCEL HYDROLANT 781/03.
3. CANCEL THIS MSG 181430Z APR.

(151600Z APR 2003)

783/03. CANCELED.

784/03(24). BRAZIL-NORTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 17 APR
BY M/V CGG ALIZE TOWING EIGHT 6000 METER
LONG CABLES IN AREA BOUND BY
01-25S 042-48W, 01-35S 042-25W,
02-07S 042-40W, 01-55S 043-02W.
SIX MILE BERTH REQUESTED.
2. CANCEL THIS MSG 18 APR.

(160720Z APR 2003)

785/03. CANCELED.

786/03(57). GULF OF GUINEA.

1. SEISMIC SURVEY IN PROGRESS UNTIL 16 MAY
BY M/V GULF SUPPLIER TOWING 6000 METER
LONG CABLE IN AREA BOUND BY
06-00N 001-40E, 05-25N 001-50E,
05-25N 002-50E, 06-00N 002-50E.
3.5 MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 785/03(51), FALSE ALERT.
3. CANCEL THIS MSG 17 MAY.

(160950Z APR 2003)

787/03(56). EASTERN MEDITERRANEAN SEA. EGYPT.

1. GEOPHYSICAL SURVEY IN PROGRESS UNTIL 15 MAY BY
M/V FLYING ENTERPRISE IN AREA BOUND BY
32-02N 030-19E, 32-00N 030-20E, 31-53N 030-30E,
31-54N 030-32E, 32-03N 030-33E, 32-05N 030-32E.
2. CANCEL THIS MSG 16 MAY.

(161300Z APR 2003)

788/03(24,57). SOUTH ATLANTIC.

1. 44 METER S/V ISLERO, WHITE HULL, ONE PERSON ON BOARD,
UNREPORTED CAPE TOWN TO ST HELENA ISLAND. LAST KNOWN
POSITION 20-04S 000-06W ON 25 MAR. VESSEL SUSPECTED
VICINITY OF AREA BETWEEN 11-00S 28-00S AND 010-00W 039-00W.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO ANY COASTAL RADIO STATION.
2. CANCEL HYDROLANT 763/03.

(161855Z APR 2003)

789/03(57). SOUTH ATLANTIC.

- 11 METER VESSEL ESWATINI, WHITE HULL, UNREPORTED
CAPE TOWN TO ST HELENA ISLAND. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF
POSSIBLE. REPORTS TO MRCC SILVERMINE AND CAPE TOWN.

(162155Z APR 2003)

790/03(24). BRAZIL-NORTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 180200Z APR
BY M/V CGG HARMATTAN TOWING SIX 6000 METER
LONG CABLES IN AREA BOUND BY
02-32.7S 038-55.5W, 02-49.5S 039-03.7W,
03-04.0S 038-37.5W, 02-46.0S 038-28.6W.
FOUR MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 769/03.
3. CANCEL THIS MSG 180300Z APR.

(170640Z APR 2003)

791/03. CANCELED.

SECTION III

NM 18/03

NAVAREA XII

Messages in force 171200Z April 2003:

2001 series	2002 series	260(GEN)	2003 series	85(19)	102(GEN)
298(GEN)	178(GEN)	339(GEN)	78(GEN)	100(GEN)	104(18)

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 quarter are issued in NM 13/03.

NAVAREA XII WARNINGS issued from 101200Z to 171200Z April 2003.

98/03 and 99/03. CANCELED.

100/03(GEN).

1. NAVAREA XII MESSAGES IN FORCE 121000Z APR 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2003 SERIES: 76(GEN), 78(GEN), 85(19), 97(18).
2. THE SUMMARY OF ALL NAVAREA XII MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02.
3. CANCEL NAVAREA XII 92/03.

(121020Z APR 2003)

101/03. CANCELED.

102/03(GEN). GPS SATELLITE SYSTEM.

1. PRN 17 UNUSABLE 172115Z TO 180915Z APR.
2. CANCEL THIS MSG 181015Z APR.

(141340Z APR 2003)

103/03. CANCELED.

104/03(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.	M. THENCE THREE NAUTICAL MILES FROM AND PARALLEL TO THE SHORELINE.
B. 33-52N 119-06W.	N. 34-24N 120-30W.
C. 33-29N 119-07W.	O. 34-08N 120-26W.
D. 33-29N 118-37W.	P. 34-08N 119-40W.
E. 33-20N 118-37W.	Q. 34-00N 119-40W.
F. 32-11N 120-16W.	R. 34-06N 119-13W.
G. 31-54N 121-35W.	S. 34-06N 119-11W.
H. 35-09N 123-39W.	T. 34-07N 119-10W.
I. 35-29N 123-00W.	U. 34-07N 119-07W.
J. 35-04N 122-43W.	V. 34-04N 119-04W.
K. 35-57N 121-32W.	
L. 34-59N 120-42W.	
2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT PLEAD CONTROL ON 5081.5 KHZ (5080 KHZ) OR 3238.5 KHZ (3237 KHZ) SECONDARY OR 156.8 MHZ (CH 16) OR 127.55 MHZ BEFORE ENTERING THE ABOVE BOUNDARIES AND MAINTAIN CONTINUOUS GUARD WHILE WITHIN THE RANGE.
3. VESSELS INBOUND AND OUTBOUND FOR SOUTHERN CALIFORNIA PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS DURING THE SPECIFIC PERIODS, AS WELL AS ENHANCE THE VESSEL'S SAFETY WHEN PASSING THROUGH THE VICINITY OF THE SEA RANGE. IF THEY WILL TRANSIT VIA THE SANTA BARBARA CHANNEL AND WITHIN NINE MILES OFFSHORE VICINITY OF POINT MUGU OR CROSS THE AREA SOUTHWEST OF SAN NICOLAS ISLAND BETWEEN SUNSET AND SUNRISE.
4. CANCEL NAVAREA XII 97/03.

(170940Z APR 2003)

HYDROPACS

Messages in force 171200Z April 2003:

2000 series	2111(62)	361(63)	495(62)	566(95)	638(62)
597(73)	2191(22)	365(63)	496(62)	567(95)	639(62)
1557(94)	2199(63)	375(97)	497(62)	569(62)	640(62)
2001 series	2277(GEN)	379(81)	502(GEN)	570(62)	647(74)
1556(71)	2330(62)	380(71)	505(54,56)	575(81,92)	648(74)
1636(96)	2339(63)	386(19,81)	506(62)	589(76)	649(71,93)
1647(GEN)	2402(22)	387(74)	514(73)	591(62)	650(23,29)
1976(62)	2432(22)	407(81)	515(73)	592(62)	651(GEN)
2002 series	2003 series	411(81)	522(54,56)	593(62)	652(97)
146(62)	3(63)	418(75)	525(73,74)	600(62)	653(62)
196(61)	74(63)	423(76)	545(81,97)	601(81)	655(63)
205(GEN)	100(29)	426(61)	547(63)	609(62)	657(63)
206(GEN)	129(63)	427(71,74)	549(63)	613(93)	658(63)
207(93)	151(63)	436(61)	553(94,95)	614(61)	659(62)
352(73)	167(95)	437(61)	554(94,95)	620(GEN)	660(62)
403(72,73)	197(71)	445(96)	555(95)	622(62)	661(GEN)
637(75)	207(62)	452(81)	556(62)	624(GEN)	662(74)
828(62)	215(GEN)	461(93)	560(63)	629(63)	663(61)
1661(GEN)	268(62)	470(61)	562(81)	631(22)	667(62)
1765(71)	298(63)	487(61)	564(61)	632(22)	668(73,82)
1843(22)	301(75)	491(62)	565(95)	637(GEN)	673(81)

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 quarter are issued in NM 13/03.

HYDROPAC WARNINGS issued from 101200Z to 171200Z April 2003.

637/03(GEN). CALIFORNIA TO SOUTH AFRICA.

S/V MF OVERDUE CALIFORNIA TO CAPE TOWN VIA STRAIT OF MAGELLAN.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO RCC ALAMEDA,
TELEX: 2301 72343, PHONE: 510 437 3701.

(101310Z APR 2003)

638/03(62). GULF OF SUEZ.

CHART 62191 (15TH ED).
ASHRAFI JUZUR LIGHT 27-47.4N 033-42.4E UNLIT.

(101345Z APR 2003)

639/03(62). PERSIAN GULF. IRAN.

CHART 62520 (5TH ED).
OBSTRUCTION MARKED BY BUOYS, YELLOW, IN:
A. 27-10.0N 052-17.1E.
B. 27-08.0N 052-17.1E.

(101415Z APR 2003)

640/03(62). IRAQ. KHAWR ABD ALLAH.

CHART 62434 (9TH ED).
1. DELETE THE FOLLOWING BUOYS FROM CHART:
A. BUOY 5 IN 29-44-23N 048-37-46E.
B. BUOY 9 IN 29-47-19N 048-31-48E.
C. BUOY IN 29-49-07N 048-28-29E.
D. BUOY 10 IN 29-48-27N 048-28-36E.
E. BUOY 11 IN 29-48-43N 048-28-34E.
F. BUOY 13 IN 29-50-18N 048-25-50E.
G. BUOY IN 29-52-25N 048-25-18E.
H. BUOY 14 IN 29-51-27N 048-22-53E.
I. BUOY 15 IN 29-51-39N 048-22-49E.
J. BUOY 16 IN 29-53-00N 048-20-03E.
K. BUOY 17 IN 29-53-06N 048-20-12E.
L. BUOY IN 29-54-18N 048-18-36E.
M. BUOY IN 29-55-22N 048-17-50E.
2. ADD THE FOLLOWING TO CHART:
A. GREEN BUOY 5 IN 29-45-40N 048-35-12E.
B. GREEN BUOY 9 IN 29-47-17N 048-31-35E.
C. RED BUOY 10 IN 29-48-32N 048-28-32E.
D. GREEN BUOY 11 IN 29-48-39N 048-28-47E.
E. GREEN BUOY 13 IN 29-50-05N 048-26-05E.
F. GREEN BUOY 15, FL 7 SEC, IN 29-51-33N 048-23-11E.
G. RED BUOY 16 IN 29-52-59N 048-19-52E.
H. GREEN BUOY 17 IN 29-53-04N 048-20-05E.
I. RED BUOY IN 29-54-13N 048-18-32E.

- J. GREEN BUOY, FL G 3 SEC, IN 29-55-51N 048-17-09E.
 - K. DEPTH 9.8 METERS IN 29-42-29N 048-41-55E.
 - L. DEPTH 7.8 METERS IN 29-42-19N 048-44-21E.
 - M. DEPTH 4.6 METERS IN 29-43-44N 048-36-02E.
 - N. DEPTH 8.8 METERS IN 29-45-31N 048-35-52E.
 - O. DEPTH 10.8 METERS IN 29-53-23N 048-19-49E.
 - P. DEPTH 9.7 METERS IN 29-55-10N 048-17-54E.
 - Q. DEPTH 20 METERS WK IN 29-39-53N 048-45-12E.
 - R. DANGEROUS WRECK IN 29-45-31N 048-35-18E.
 - S. DEPTH FOUR METERS WK IN 29-48-39N 048-29-09E.
 - T. DEPTH SIX METERS WK IN 29-49-37N 048-28-52E.
3. CANCEL HYDROPAC 587/03.

(101725Z APR 2003)

641/03 thru 646/03. CANCELED.

- 647/03(74). AUSTRALIA-NORTHWEST COAST.
SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY
M/V WESTERN MONARCH TOWING THREE MILE LONG CABLES
IN AREA BETWEEN 19-00S 20-15S AND 115-00E 117-00E.

(111340Z APR 2003)

- 648/03(74). AUSTRALIA-NORTHWEST COAST.
SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE
BY M/V POLAR DUKE TOWING 2.5 MILE LONG CABLE IN
AREA BETWEEN 20-30S 21-10S AND 114-30E 115-20E.

(111345Z APR 2003)

- 649/03(71,93). SOUTH CHINA SEA.
1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE
BY M/V GECO EAGLE TOWING FOUR MILE LONG CABLE IN
AREA BETWEEN 06-27N 06-42N AND 115-32E 115-54E.
 2. CANCEL HYDROPAC 171/03.

(120058Z APR 2003)

- 650/03(23,29). SOUTH ATLANTIC. ICE.
1. ICEBERGS REPORTED ON 11 APR IN:
 - A. A-38A, 22 MILES BY 48 MILES IN 61-00S 052-36W.
 - B. A-38B, 22 MILES BY 25 MILES IN 61-36S 052-06W.
 - C. A-38C, SEVEN MILES BY 11 MILES IN 60-36S 047-36W.
 - D. A-38D, TWO MILES BY TEN MILES IN 62-12S 053-48W.
 - E. A-43C, 24 MILES BY 41 MILES IN 59-12S 036-24W.
 - F. A-43I, TWO MILES BY 12 MILES IN 59-12S 035-48W.
 - G. A-48, NINE MILES BY TEN MILES IN 62-24S 053-36W.
 - H. A-49, ONE MILES BY TEN MILES IN 63-06S 052-00W.
 - I. A-50, ONE MILES BY TEN MILES IN 63-30S 053-06W.
 - J. A-52, EIGHT MILES BY 22 MILES IN 65-30S 060-42W.
 2. CANCEL HYDROPAC 618/03.
 3. CANCEL THIS MSG 19 APR.

(120230Z APR 2003)

- 651/03(GEN).
1. HYDROPAC MESSAGES IN FORCE 121200Z APR 2003. ONLY THOSE
MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2003 SERIES: 375(97), 379(81), 380(71), 386(19,81), 387(74),
407(81), 411(81), 418(75), 423(76), 426(61), 427(71,74),
436(61), 437(61), 445(96), 452(81), 461(93), 470(61),
482(GEN), 487(61), 491(62), 495(62), 496(62), 497(62),
502(GEN), 505(54,56), 506(62), 514(73), 515(73), 522(54,56),
525(73,74), 545(81,97), 547(63), 548(63), 549(63),
553(94,95), 554(94,95), 555(95), 556(62), 560(63), 562(81),
564(61), 565(95), 566(95), 567(95), 569(62), 570(62),
575(81,92), 581(62), 589(76), 591(62), 592(62), 593(62),
600(62), 601(81), 608(62), 609(62), 611(96), 613(93),
614(61), 615(91), 620(GEN), 622(62), 623(74), 624(GEN),
625(GEN), 629(63), 631(22), 632(22), 634(74), 637(GEN),
638(62), 639(62), 640(62), 643(95,96), 644(82), 645(74),
646(96), 647(74), 648(74), 649(71,93), 650(23,29).
 2. THE SUMMARY OF ALL HYDROPAC MESSAGES IN FORCE AS OF
12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02.
 3. CANCEL HYDROPAC 1315/02, 327/03, 328/03, 603/03.

(121210Z APR 2003)

- 652/03(97). NORTH PACIFIC.
1. SURVEY OPERATIONS 18 THRU 24 APR BY M/V SHOYO
TOWING 3000 METER LONG CABLE IN AREA BETWEEN
28-50N 31-30N AND 137-10E 138-10E.
WIDE BERTH REQUESTED.
 2. CANCEL THIS MSG 25 APR.

(130900Z APR 2003)

653/03(62). PERSIAN GULF.

1. SIGNIFICANT PROGRESS HAS BEEN MADE IN RESTORING IRAQ'S UMM QASR PORT, BUT IT IS STILL NOT READY FOR FULL COMMERCIAL OPERATIONS. AS A RESULT, THE PORT HAS NOT BEEN DECLARED OFFICIALLY OPEN FOR COMMERCIAL BUSINESS BY COALITION FORCES.
2. WHILE MINE CLEARANCE OPERATIONS IN THE ENTRANCE CHANNEL AND EXPLOSIVE CLEARANCE OPERATIONS WITHIN THE PORT HARBOR ARE SUBSTANTIALLY COMPLETED, SIGNIFICANT DREDGING STILL NEEDS TO OCCUR FOR OPTIMUM VESSEL DRAFT.
3. BECAUSE THERE IS STILL NO ELECTRICITY AT THE PORT, SHORE AND GANTRY CRANES ARE NOT OPERABLE. IT IS UNDETERMINED WHEN ELECTRICITY TO THE PORT WILL BE RESTORED.
4. PORT MANAGEMENT IS STILL UNDER COALITION CONTROL. CIVIL PORT ASSESSMENT AND COMMERCIAL VIABILITY STATUS IS PENDING. PORT WORKERS ARE RETURNING TO UMM QASR, BUT IN LIMITED NUMBERS ONLY. STEVEDORING SERVICE ARE EXTREMELY LIMITED.
5. COALITION MILITARY FORCES PRESENT AT THE PORT ARE FULLY ENGAGED IN SECURITY AND RESTORATION WORK, AND WILL BE UNABLE TO PROVIDE SUPPORT TO COMMERCIAL CARGO OPERATIONS.
6. DESPITE THE PROGRESS TO DATE OF COALITION MILITARY FORCES, RAIL SERVICE NORTH OF THE PORT IS UNPROVEN AND THE ROADS OUT OF UMM QASR ARE NOT SECURED. UNTIL THE SITUATION STABILIZES, SAFE OVERLAND PASSAGE FOR CARGO DELIVERY FURTHER INLAND IS QUESTIONABLE.
7. THERE IS A LOW-LEVEL SECURITY THREAT FROM THE NEIGHBORING AREA. ALTHOUGH COALITION FORCES ARE ON PATROL IN THE PORT AREA, PERSONAL SAFETY REMAINS AN ISSUE.
8. INSURANCE COVERAGE REMAINS AN ISSUE TO BE ADMINISTERED THROUGH NORMAL COMMERCIAL CHANNELS, OR THROUGH HOST NATION GOVERNMENTS.
9. ON AN EXTREMELY LIMITED BASIS AND UNDER RESTRICTIVE CONDITIONS, SOME SHIPS CARRYING GOVERNMENT-SPONSORED HUMANITARIAN AID CARGO ONLY, ARE BEING ALLOWED ENTRY TO UMM QASR. THESE SHIPS ARE ALL SELF-SERVICING AND ARE PRE-APPROVED FOR ENTRY BY THE APPROPRIATE AUTHORITIES ON A CASE BY CASE BASIS.
10. FOR THE GENERAL SHIPPING COMMUNITY, WE ADVISE CONTINUED PATIENCE UNTIL UMM QASR'S PORT SERVICES AND SECURITY ISSUES ARE RESOLVED. WHEN HIGHER AUTHORITIES DECLARE THE PORT FULLY OPEN, WE WILL NOTIFY ALL VIA THESE CHANNELS, AS WELL AS PROCEDURES FOR ENTRY.
11. CANCEL HYDROPAC 581/03.

(131559Z APR 2003)

654/03. CANCELED.

655/03(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0230Z TO 1230Z DAILY 14 THRU 21 APR IN AREA BETWEEN 15-11N 15-13N AND 073-52E 073-57E.
2. CANCEL THIS MSG 211330Z APR.

(140610Z APR 2003)

656/03. CANCELED.

657/03(63). INDIA-WEST COAST. ROCKETS.

1. HAZARDOUS OPERATIONS 1330Z TO 1600Z DAILY 16 AND 17 APR WITHIN 75 MILES OF 08-31.9N 076-52.1E.
2. CANCEL THIS MSG 171700Z APR.

(140720Z APR 2003)

658/03(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 170230Z TO 170530Z AND 171230Z TO 171430Z APR IN AREA BOUND BY 17-42.2N 083-18.6E, 17-42.1N 083-29.9E, 17-36.7N 083-28.5E, 17-32.7N 083-24.3E.
2. CANCEL THIS MSG 171530Z APR.

(140740Z APR 2003)

- 659/03(62). RED SEA. HAZARDOUS OPERATIONS.
 1. HAZARDOUS OPERATIONS 0300Z TO 1500Z DAILY
 14 THRU 18 APR IN AREAS BOUND BY:
 A. 25-39.0N 036-01.0E, 25-50.0N 036-31.0E,
 24-18.5N 037-31.0E, 24-10.0N 036-50.0E.
 B. 21-06.0N 038-58.5E, 21-05.5N 039-07.0E,
 21-13.5N 039-06.2E, 21-13.4N 038-58.5E.
 2. CANCEL THIS MSG 181600Z APR. (140850Z APR 2003)
- 660/03(62). RED SEA. SAUDI ARABIA.
 1. LORAN-C STATION ASH SHAYKH HUMAYD, RATE 8830-Y,
 OFF AIR 0430Z TO 1500Z DAILY 19 THRU 28 APR.
 2. CANCEL THIS MSG 281600Z APR. (141020Z APR 2003)
- 661/03(GEN). GPS SATELLITE SYSTEM.
 1. PRN 17 UNUSABLE 172115Z TO 180915Z APR.
 2. CANCEL THIS MSG 181015Z APR. (141345Z APR 2003)
- 662/03(74). AUSTRALIA-NORTHWEST COAST.
 1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE
 BY M/V GECO EMERALD TOWING EIGHT THREE MILE
 LONG CABLES IN AREA BETWEEN
 20-55S 21-30S AND 113-15E 113-40E.
 2. CANCEL HYDROPAC 645/03. (141400Z APR 2003)
- 663/03(61). MADAGASCAR-SOUTHWEST COAST.
 26 FOOT M/V, BLUE HULL, FIVE PERSONS ON BOARD,
 DISABLED IN 23-10S 043-30E AT 132000Z APR.
 VESSELS IN VICINITY REQUESTED TO KEEP A SHARP
 LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO
 MRCC REUNION, INMARSAT-C: 422 799 193,
 TELEX: 916140, PHONE: 2622 6243 4343,
 FAX: 2622 6271 1595. (141410Z APR 2003)
- 664/03 thru 666/03. CANCELED.
- 667/03(62). RED SEA.
 CHART 62290 (3RD ED).
 1. JABAL AT TAIR LIGHT 15-32.5N 041-49.9E UNLIT.
 2. CANCEL HYDROPAC 665/03(75), AID RESTORED. (152225Z APR 2003)
- 668/03(73,82). SOUTH PACIFIC. PAPUA NEW GUINEA.
 FOUR METER VESSEL, BROWN HULL, ONE PERSON ON BOARD, OVERDUE
 PONGANI (09-03S 148-34E) TO ORO BAY (08-53S 148-30E).
 VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
 ASSIST IF POSSIBLE. REPORTS TO MRCC PORT MORESBY,
 PHONE: 675 321 4994, FAX: 675 321 4968 OR RCC AUSTRALIA,
 TELEX: 7162025, PHONE: 612 6230 6811, FAX: 612 6230 6868. (160810Z APR 2003)
- 669/03 thru 672/03. CANCELED.
- 673/03(81). NORTH PACIFIC.
 1. DISTRESS SIGNAL RECEIVED ON 121.5 AND 243.0 MHZ IN
 05-16.6N 133-39.7E AT 170255Z APR. VESSELS IN
 VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST
 IF POSSIBLE. REPORTS TO RCC GUAM, TELEX: 392401,
 PHONE: 671 339 6100, FAX: 671 339 6210.
 2. CANCEL HYDROPAC 669/03(81,97). (170425Z APR 2003)
- 674/03. CANCELED.

MARAD ADVISORIES

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

The text of all in-force MARAD ADVISORIES may be obtained by accessing the 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 17 April 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 17 April 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 LIGHT LIST**

USCG Light List Volume IV, Gulf of Mexico, Econfina River, Florida to the Rio Grande, Texas, 2003 Edition, (GPO Stock Number: 050-012-00436-6 ISBN: 0-16-067668-1) is now available on the USCG Navigation Center Internet site (www.navcen.uscg.gov/pubs/LightLists/LightLists.htm). Hard copy editions are available from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. For pricing, ordering information and availability, please contact the Superintendent of Documents by calling 202-512-1800.

NEW EDITION OF LIGHT LIST

USCG Light List Volume VI, Pacific Coast and Pacific Islands, 2003 Edition, (GPO Stock Number: 050-012-00437-4 ISBN: 0-16-067669-X) is now available on the USCG Navigation Center Internet site (www.navcen.uscg.gov/pubs/LightLists/LightLists.htm). Hard copy editions are available from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. For pricing, ordering information and availability, please contact the Superintendent of Documents by calling 202-512-1800.

NEW EDITION OF LIGHT LIST

USCG Light List Volume VII, Great Lakes (United States and Canada), 2003 Edition, (GPO Stock Number: 050-012-00438-2 ISBN: 0-16-067670-3) is now available on the USCG Navigation Center Internet site (www.navcen.uscg.gov/pubs/LightLists/LightLists.htm). Hard copy editions are available from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. For pricing, ordering information and availability, please contact the Superintendent of Documents by calling 202-512-1800.

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.

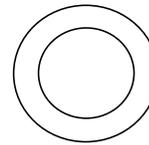
Reports which present an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. In general, these hazards would include major aids to navigation anomalies, discovery of obstructions or shoals with depths of less than 30 meters, floating dangers to shipping,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



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ARCTIC MARITIME SAFETY INFORMATION REPORT SHEET

Observer _____

Ship/Organization _____

Phone _____ Email Address _____

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

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

Date of Insertion _____ Date of Removal _____

If observed, Date _____ Time (Local) _____

Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

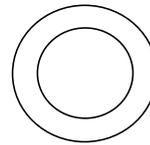
Sounding sensor or method used _____

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

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

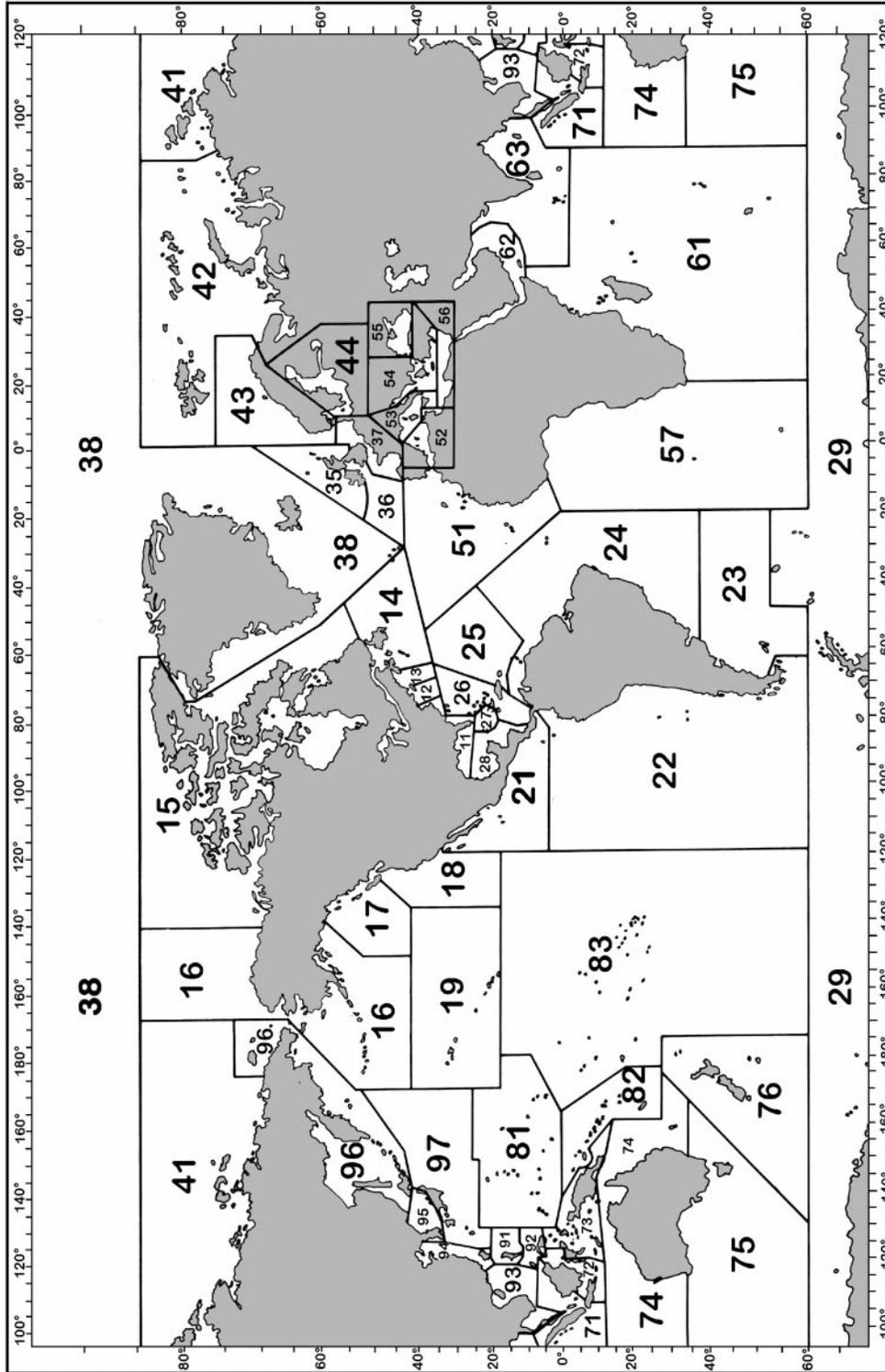


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GEOGRAPHIC LOCATOR



For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the 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

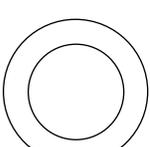
DEFENSE SUPPLY CENTER RICHMOND

ATTN: JNAH

8000 JEFFERSON DAVIS HIGHWAY
RICHMOND, VIRGINIA 23297-5338

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MARINERS**

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