



U.S. Department
of Homeland Security

United States
Coast Guard

LOCAL NOTICE TO MARINERS WEEKLY EDITION

District: 13

Week: 20/04

Boating Safety Classes or Information: 1-800-336-BOAT (2628)

ISSUED BY: COMMANDER, THIRTEENTH COAST GUARD DISTRICT (oan)
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LIGHT LIST REFERENCE: COMDTPUB P16502.6, Light List Volume VI, 2004 Edition

UNITED STATES COAST GUARD NAVIGATION INFORMATION SERVICE (NIS)

The United States Coast Guard Navigation Information Service (NIS), operated by the USCG Navigation Center, is staffed 24 hours a day, 7 days a week. The NIS provides information on the current operational status, effective policies, and general information for GPS, DGPS, and LORAN-C. The NIS also disseminates Safety Broadcasts (BNM), Local Notice to Mariners (LNM), and the latest Notice Advisory to Navstar Users (NANU). NANU notices can also be obtained via e-mail subscription through the USCG Navigation Center website

<http://www.navcen.uscg.gov/gps/status/default.htm>.

In addition, the NIS investigates all reports of degradation or loss of GPS, DGPS or LORAN service. Mariners are encouraged to report all degradation of radio navigation services to the NIS via any of the following: Phone:703-313-5900, Email: webmaster@navcen.uscg.mil or on the World Wide Web at: <http://www.navcen.uscg.gov>.

BROADCAST NOTICE TO MARINERS

This section contains a range of all the significant Broadcast Notice to Mariners (BNM's) on the date of this edition.

<u>Originating Unit</u>	<u>Beginning BNM</u>	<u>Ending BNM</u>
CGD THIRTEEN	D13-0511-04	D13-0553-04

ABBREVIATIONS

ACOE - Army Corps of Engineers	EST - Established Aid	KGW - Refer to Light List
ADRIFT - Buoy Adrift	EVAL - Evaluation	KGW-I - Refer to Light List
AICW - Atlantic Intracoastal Waterway	EXT - Extinguished	KRB - Refer to Light List
B - Buoy	FL - Flashing	KRB-I - Refer to Light List
BKW - Breakwater	F/S - Fog Signal	KRG - Refer to Light List
B - Refer to Light List	HAZ - Hazard to Navigation	KRG-I - Refer to Light List
BNM - Broadcast Notice to Mariner	HBR - Harbor	KRW - Refer to Light List
CG - Refer to Light List	HOR - Horizontal Clearance	KWB - Refer to Light List
CHAN - Channel	HT - Height	KWB-I - Refer to Light List
CGD - Coast Guard District	ICW - Intracoastal Waterway	KWG - Refer to Light List
CR - Refer to Light List	IMPCHA - Improper Characteristics	KWG-I - Refer to Light List
C/O - Cut Off	INL - Inlet	KWR - Refer to Light List
CONT - Contour	INOP - Not Operating	KWR-I - Refer to Light List
CONSTR - Construction	ISL - Islet	LAT - Latitude
CRK - Creek	KBG - Refer to Light List	LB - Lighted Buoy
CONST - Construction	KBG-I - Refer to Light List	LBB - Lighted Bell Buoy
DBN - Daybeacon	KBR - Refer to Light List	LHB - Lighted Horn Buoy
DBD/DAYBD - Dayboard	KBR-I - Refer to Light List	LGB - Lighted Gong Buoy
DBN/DEST - Daybeacon Destroyed	KBW - Refer to Light List	LONG - Longitude
DBN IMCH - Daybeacon Improper Characteristic	KGB - Refer to Light List	LNM - Local Notice to Mariners
DISCON - Discontinued	KGB-I - Refer to Light List	LT - Light
DMGD - Daybeacon Damaged	KGR - Refer to Light List	LT CONT - Light Continuous
	KGR-I - Refer to Light List	LWB - Lighted Whistle Buoy

MISS - Missing
 MR - Refer to Light List
 MR-I - Refer to Light List
 N/A - Not Available
 NB - Refer to Light List
 N/C - Not Charted
 ND - Refer to Light List
 NG - Refer to Light List
 NIMA - National Imagery and Mapping Agency
 NL - Refer to Light List
 NO - Number
 NOS - National Ocean Service
 NR - Refer to Light List
 NW - Refer to Light List
 NW - Notice Writer
 NY - Refer to Light List

OBSCU - Obscured
 OBST - Obstruction
 OBSTR - Obstruction
 PRIV - Private Aid
 RBN - Radio Beacon
 REBUILT - Aid Rebuilt
 RECOVERED - Aid Recovered
 RED - Red Buoy
 REDINT - Reduced Intensity
 RRL - Range Rear Light
 RELIGHTED - Aid Relighted
 RELOC - Relocated
 RESET ON STATION - Aid Reset on Station
 RFL - Range Front Light
 RIV - River
 SEC - Section

SG - Green Square on pile
 SG-SY - Green Square with Yellow Square on pile
 SHL - Shoaling
 SND - Sound
 STM - Statue Mile
 TEMP - Temporary Aid Change
 TR - Red Triangle on pile
 TRLB - Temporarily Replaced by Lighted Buoy
 TRLT - Temporarily Replaced by Light
 TR-TY - Red Triangle with Yellow Triangle on pile
 TRUB - Temporarily Replaced by Unlighted Buoy

Additional Abbreviations Specific to this LNM Edition:

LED - Light Emitting Diode LWP - Light Watching Properly CPA - Point of Closest Approach

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

WASHINGTON - SHILSHOLE BAY - Navigation Hazard

A 3ft diameter white mooring ball has been reported adrift west of Shilshole Bay in approximate position 47-40-30N 122-27-30W. Mariners are requested to use caution and report sightings to U.S. Coast Guard Group Seattle via VHF-FM Channel 16.
 Chart 18447 LNM: 20/04

WASHINGTON - WHIDBEY ISLAND DGPS SITE - Off Air Approval

Whidbey Island, WA DGPS site is authorized to be off-air from 1700Z to 1900Z 22 Jun 04 and possibly from 1700Z to 1900Z 23 Jun 04. For additional information, contact NAVCEN DGPS West OPs POC at (707) 765-7612.
 Chart N/A LNM: 20/04

WASHINGTON - OFF SHORE - Submersible Operations

The U.S. Navy will be conducting submerged operations within 5NM of 48-00-00N 129-06-00W from 0900 local 23 May to 1700 local 08 Jun 04. For additional information, contact the U.S. Navy at (808) 473-2518.
 Chart 18007 LNM: 20/04

COLUMBIA AND SNAKE RIVERS - 2004 Summer Seasonal Lockage Schedule for Recreational Craft

The U.S. Army Corps of Engineers, Walla Walla and Portland Districts, have implemented the 2004 summer seasonal lockage schedule effective from 15 May to 15 September 04 for the passage of recreational craft through the following navigation locks:

Walla Walla District Locks			Portland District Locks		
Navigation Lock	Location	Chart	Navigation Lock	Location	Chart
McNary Dam	Columbia River Mile 292	18539	Bonneville Dam	Columbia River Mile 145	18531
Ice Harbor Dam	Snake River Mile 9.7	18545	The Dalles Dam	Columbia River Mile 191	18533
Lower Monumental Dam	Snake River Mile 41.6	18545	John Day Dam	Columbia River Mile 216	18535
Little Goose Dam	Snake River Mile 70.3	18546			
Lower Granite Dam	Snake River Mile 107.3	18548			

When a recreational vessel lockage schedule is in effect, recreational vessels will only be allowed to lock through at the times designated for such lockages and they will take precedence over commercial vessels. Commercial vessels will continue to be locked through upon arrival except during the times specified for recreational vessel lockages. At the discretion of the lock operator, recreational vessels may be allowed to lock through with commercial craft. All vessel owner/operators lock through at their own risk. Follow the directions of the lock operator when using the locks or operating in the vicinity of the locks. The lock operator has the final authority on the suitability of a craft for lockage. Refer to the U.S. Army Corps of Engineers Safe Lockage Policy for Recreational Craft on the Columbia and Snake Rivers for additional safety requirements. For additional information on this matter or copies of the Safe Lockage policy, visit the following website: <http://www.nwp.usace.army.mil/op/s/nl> or contact the Walla Walla District at (509) 527-7115/(509) 527-7113 or the Portland District at (503) 808-4332/(503) 808-4333.

The three Portland District Locks and the five Walla Walla District Locks will use the same lockage schedule making the lockage times for the entire Columbia/Snake River system identical for recreational vessels. The following seasonal recreational craft lockage schedule will be implemented beginning 15 May 2004:

Traffic Direction	Times				
Upstream Lockages	9:00 a.m.	12:01 p.m.	3:00 p.m.	6:00 p.m.	9:00 p.m.
Downstream Lockages	9:30 a.m.	12:30 p.m.	3:30 p.m.	6:30 p.m.	9:30 p.m.

Consideration will be given for special lockages to flotillas or other unique events sponsored by yacht clubs, marinas, and other groups, provided advance (24 hours) arrangements have been made with the appropriate operations manager or their appointed representative. The following project office and operations managers should be contacted for scheduling of special lockages:

Project	Operations Managers	Phone Number	Alternate Number
Bonneville	Chief Operator on Duty	(541) 374-8323	N/A
The Dalles	Chief Operator on Duty	(541) 298-4007	N/A
John Day	Chief Operator on Duty	(541) 298-9712	N/A
McNary	Randell Ryan	(541) 922-2251	(541) 922-3214
Ice Harbor	Scott Suttiff	(509) 543-3251	(509) 547-7783
Lower Monumental	Matt Allen	(509) 282-7353	(509) 282-3218
Little Goose Project	Scott Ross	(509) 399-2233 x253	(509) 399-2233 x231
Lower Granite Project	Martin Mendiola	(509) 843-1493 x258	(509) 843-1493 x231

Chart N/A

LNM: 19/04

WASHINGTON - OFFSHORE - Research Buoys

The Olympic Coast National Marine Sanctuary will be deploying research buoys in the waters of the sanctuary from 17 May to 08 Oct 04. These buoys will be anchored in depths between 15 and 42 meters. Each buoy will consist of unlit, 16ft halibut longline, and aluminum poles with floats and red flags, each topped with a radar reflector. The locations of the buoys are:

Buoy	Latitude	Longitude	Planned depth
MB-1	48-19-30.0N	124-40-54.0W	15m
MB-2	48-19-18.0N	124-44-18.0W	42m
CA-1	48-09-54.0N	124-45-24.0W	15m
CA-2	48-09-54.0N	124-48-12.0W	42m
TH-1	47-52-30.0N	124-37-06.0W	15m
TH-2	47-50.42.0N	124-37-42.0W	31m
KL-1	47-35-54.0N	124-25-36.0W	15m
KL-2	47-35-36.0N	124-29-36.0W	27m
CE-1	47-21-19.0N	124-28-06.0W	42m

For additional information, contact Olympic Coast National Marine Sanctuary at (360) 457-6622.

Chart 18480

LNM: 19/04

WASHINGTON - OFFSHORE - Ocean Operations

Ocean operations will be conducted in an 8NM circle centered at 48-07-00N 125-30-00W from 0001 15 May to 2359 local 28 May 04. The operation will present a hazard to fishing gear. The R/V Katmai will be on site from 15 May to 20 May and the M/V Independence will be on site from 21 May to 29 May 04. The on site vessel may be contacted on VHF-FM Channel 16. Mariners are requested to maintain a 4NM CPA from this position. For additional information, contact NFESC at (805) 982-1270.

Chart 18480

LNM: 19/04

WYOMING - LORAN-C - Outage Proposal

This is a proposal to authorize LORSTA Gillette Wyoming (rate 9610-V/8290-X) unusable time from 1500Z to 2100Z 15 Jun 04 with the alternate time from 1500Z to 2100Z 16 Jun 04. Objections will be considered until 1500Z 10 Jun 04. Users shall address inquiries to the South Central U.S. Loran-C Chain Operations Control Officer at (703) 313-5873.

Chart N/A

LNM: 19/04

WASHINGTON - ROSSARIO STRAIT - Research Buoys

NOAA has established three temporary yellow lighted research buoys showing the characteristic Flashing Yellow 6 seconds (FI Y 6s) for a period of 8 to 10 weeks.

Buoy 1	48-28-32.7N	122-42-40.2W
Buoy 2	48-28-35.9N	122-52-53.2W
Buoy 3	48-28-30.6N	122-42-51.9W

Chart 18421

LNM: 18/04

COLUMBIA RIVER - APPROACHES TO ASTORIA - Scientific Buoys

Oregon State University has deployed 38 scientific buoys on both sides of the navigational channel from river mile 0 to river mile 4, 20 scientific buoys from bank to bank on the west side of the Astoria Bridge at river mile 13, and 13 scientific buoys from bank to bank near Jim Crow Point at river mile 29 all on the Columbia River. Each buoy is a system of four 7in by 15in Styrofoam floats with attached contact information. For additional information, contact Oregon State University at (541) 737-2592.

Charts 18521, 18523

LNM: 18/04

COLUMBIA RIVER - LAKE UMATILLA - Port Closure

The Port of Morrow is closed to commercial traffic until further notice due to hazardous conditions resulting from a partial crane collapse at the dock. For additional information, contact the Captain of the Port at (503) 240-9305.

Chart 18535

LNM: 17/04

SECTION II - DISCREPANCIES

This section lists all reported and corrected discrepancies related to Aids to Navigation in this edition. A discrepancy is a change in the status of an aid to navigation that differs from what is published or charted.

DISCREPANCIES (FEDERAL AIDS)

<u>LLNR</u>	<u>Aid Name</u>	<u>Status</u>	<u>Chart No</u>	<u>BNM Ref.</u>	<u>LNM St</u>	<u>LNM End</u>
765/ 16150	Duntze Rock Lighted Whistle Buoy 2D	REDINT / 3NM TEMP LED	18480	D13-0755-03	26/03	
8605	Chetco River Entrance Lighted Bell Buoy 2	Off Station	18602	D13-0509-04	19/04	
8735	Coos Bay Entrance Lighted Bell Buoy 1	REDINT / 3NM TEMP LED	18587	D13-0202-04	07/04	
8755	Coos Bay North Jetty Lighted Gong Buoy 3	Off Station / 42.7 yds bearing 267.5°T	18587	D13-0164-04	06/04	
8775	Coos Bay Channel Lighted Bell Buoy 5	Off Station / 12 yds bearing 120°T	18587	D13-0260-04	10/04	
9600	Yaquina Bay Entrance Lighted Gong Buoy 3	MISS	18561	D13-0543-04	20/04	
9815	Tillamook Bay Entrance Bell Buoy 1	MISS	18521	D13-0242-04	09/04	
10015	Desdemona Sands Lighted Gong Buoy 29	Riding low in the water	18521	D13-0523-04	20/04	
11625	Cape Horn Candiana Light 69	Partially OBSCU	18531	D13-0552-04	20/04	
13150	Snake River Buoy 6	Off Station	18545	D13-0538-04	20/04	
13155	Snake River Buoy 7	Off Station / 30 yds bearing 061°T	18545	D13-0548-04	20/04	
13170	Snake River Lighted Buoy 8	Off Station	18545	D13-0536-04	20/04	
16075	Quillayute River Approach Lighted Whistle Buoy Q	REDINT / 3NM TEMP LED	18480	D13-0883-03	30/03	
16085	Quillayute River Entrance Buoy 2	MISS	18480	D13-0306-04	12/04	
16155	Waadah Island Light	REDINT / F/S INOP	18460	D13-0335-04	12/04	
17615	Kilisut Harbor Daybeacon 8	Structure MISS / TRUB	18441	D13-0710-03	25/03	
19935	International Boundary Range C Front Light	IMPCHA / DBD Faded and Peeling	18421	D13-1191-02	38/02	

DISCREPANCIES (FEDERAL AIDS) CORRECTED

<u>LLNR</u>	<u>Aid Name</u>	<u>Status</u>	<u>Chart No</u>	<u>BNM Ref.</u>	<u>LNM St</u>	<u>LNM End</u>
9710	Yaquina River Light 25	LWP	18561	D13-0516-04	19/04	20/04
10100	Astoria Crossing Lighted Buoy 37	LWP	18521	D13-0524-04	19/04	20/04
16335	New Dungeness Light	LWP	18465	D13-0517-04	18/04	20/04
19805	Skipjack Island Light	LWP	18421	D13-0544-04	16/04	20/04

DISCREPANCIES (PRIVATE AIDS)

<u>LLNR</u>	<u>Aid Name</u>	<u>Status</u>	<u>Chart No</u>	<u>BNM Ref.</u>	<u>LNM St</u>	<u>LNM End</u>
9185	North Slough Channel Daybeacon 4	IMPCHA	18587	D13-0478-04	18/04	
9190	North Slough Channel Daybeacon 8	IMPCHA	18587	D13-1144-02	36/02	
9195	Haynes Inlet Channel Daybeacon 1	IMPCHA	18587	D13-0479-04	18/04	

9205	Haynes Inlet Channel Daybeacon 5	IMPCHA	18587	D13-0480-04	18/04
9210	Haynes Inlet Channel Daybeacon 7	IMPCHA	18587	D13-0481-04	18/04
16847	Elliott Bay Fish Haven Buoy A	MISS	18449	D13-0467-04	18/04
16848	Elliott Bay Fish Haven Buoy B	MISS	18449	D13-0466-04	18/04
16885	Georgetown Reach Range Rear Light	IMPCHA	18449	D13-0487-04	18/04
16900	Alaska Hydro-Train Light A	EXT	18449	D13-0468-04	18/04
16905	Alaska Hydro-Train Light B	EXT	18449	D13-0515-04	20/04
17129	St Paul Waterway Buoy 2	MISS	18448	D13-0477-04	18/04
17145	Blair Waterway Lighted Buoy	TEMP DISCON	18448	D13-0484-04	18/04
17207	Hylebos Waterway Mooring Buoys (2)	MISS	18448	D13-0457-04	18/04
17345	Tolmie Beach State Park Buoy	MISS	18448	D13-0513-04	20/04
17397	Boston Harbor Regulatory Buoys (7)	2 of 7 buoys MISS	18448	D13-0514-04	20/04
18940	Cornet Bay Daybeacon 8	MISS	18421	D13-0542-04	20/04
19755	Pearl Island Dock Light	EXT	18421	D13-0448-04	18/04

DISCREPANCIES (PRIVATE AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No	BNM Ref.	LNM St	LNM End
16795	ACOE Shilshole Bay South Lighted Mooring Buoy	LWP	18441	D13-0511-04	17/04	20/04
17160	Blair Terminal Light B	LWP	18448	D13-0547-04	18/04	20/04

SECTION III – TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

This section contains temporary changes and corrections to Aids to Navigation for this edition. When charted aids are temporarily relocated for dredging, testing, evaluation, or marking an obstruction, a temporary correction shall be listed in Section IV giving the new position.

TEMPORARY CHANGES

LLNR	Aid Name	Status	Chart No	BNM Ref.	LNM St	LNM End
16856	Coast Guard Pier Light North	TEMP DISCON	18449	D13-0729-03	26/03	
16857	Coast Guard Pier Light South	TEMP DISCON	18449	D13-0729-03	26/03	

TEMPORARY CHANGES CORRECTED

LLNR	Aid Name	Status	Chart No	BNM Ref.	LNM St	LNM End
None						

SECTION IV – CHART CORRECTIONS

This section contains corrections to federally and privately maintained Aids to Navigation, as well as NOS corrections.

This section contains corrective actions affecting chart(s). Corrections appear numerically by chart number, and pertain to that chart only. It is up to the mariner to decide which Chart(s) are to be corrected. The following example explains the individual elements of a typical chart correction.

Chart Number ↓	Chart Edition ↓	Edition Date ↓	Last Local Notice to Mariners ↓	Horizontal Datum Reference ↓	Source of Correction ↓	Current Local Notice to Mariner ↓
18427	20 TH ed	3/18/2000	Last LNM 25/99	NAD 83	(NOS Silver Spring)	40/99
<i>Chart Title:</i> WA – ANACORTES TO SKAGIT BAY -						
(Temp)	Add	Ben Ure Island Light 2, FI R 4s, 25ft 4M			at	48°24'12.1"N 124°37'42.0"W
	↑ Corrective Action	↑ Object of Correction Action				↑ Position

(Temp) indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees clockwise from 000 true. Bearings of light sectors are toward the light from seaward. The nominal range of lights is expressed in nautical miles (NM) unless otherwise noted.

18400	44th ed	Aug 2003	Last LNM 13/04	NAD 83	(CCGD 13)	20/04
<i>Chart Title:</i> WA - STRAIT OF GEORGIA AND STRAIT OF JUAN DE FUCA						
	Change	Davidson Rock Light 1 height to 28ft and nominal range to 5NM			at	48-24-47.7N 122-48-43.2W
	Change	Leo Reef Light nominal range to 6NM			at	48-33-11.3N 122-51-15.0W
	Change	Obstruction Pass Light nominal range to 6NM			at	48-35-51.0N 122-48-16.1W
	Change	Blakely Island Shoal Isolated Danger Lighted Buoy DS characteristic to FI (2) 5s			at	48-34-08.4N 122-50-40.6W
	Change	Fisherman Bay Sector Light nominal range to 6NM			at	48-31-29.1N 122-55-09.4W
	Change	Puget Sound Traffic Lane Entrance Lighted Buoy S characteristic to FI Y 2.5s RACON (- - -)			at	48-12-21.3N 123-06-34.6W
18421	46th ed	Sep 2003	Last LNM 17/04	NAD 83	(CCGD 13)	20/04
<i>Chart Title:</i> WA - STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA						
	Change	Davidson Rock Light 1 height to 28ft and nominal range to 5NM			at	48-24-47.7N 122-48-43.2W
	Change	Leo Reef Light nominal range to 6NM			at	48-33-11.3N 122-51-15.0W
	Change	Obstruction Pass Light nominal range to 6NM			at	48-35-51.0N 122-48-16.1W
	Change	Parker Reef Light nominal range to 6NM			at	48-43-32.8N 122-53-39.9W
	Change	Fisherman Bay Sector Light nominal range to 6NM			at	48-31-29.1N 122-55-09.4W
18423	34th ed	Dec 2003	Last LNM 19/04	NAD 83	(CCGD 13)	20/04
<i>Chart Title:</i> WA - BELLINGHAM TO EVERETT INCLUDING SAN JUAN ISLANDS						
	Change	Davidson Rock Light 1 height to 28ft and nominal range to 5NM			at	48-24-47.7N 122-48-43.2W
	Change	Leo Reef Light nominal range to 6NM and height to 15ft			at	48-33-11.3N 122-51-15.0W
	Change	Obstruction Pass Light nominal range to 6NM			at	48-35-51.0N 122-48-16.1W
	Change	Parker Reef Light nominal range to 6NM			at	48-43-32.8N 122-53-39.9W
	Change	Fisherman Bay Sector Light nominal range to 6NM			at	48-31-29.1N 122-55-09.4W
	Change	Puget Sound Traffic Lane Separation Lighted Buoy SD characteristic to FI Y 2.5s			at	47-57-52.3N 122-34-46.5W
18429	9th ed	Dec 2002	Last LNM 36/03	NAD 83	(CCGD 13)	20/04
<i>Chart Title:</i> WA - ROSARIO STRAIT - SOUTHERN PART						
	Change	Davidson Rock Light 1 height to 28ft and nominal range to 5NM			at	48-24-47.7N 122-48-43.2W
18430	8th ed	Oct 2003	Last LNM 50/03	NAD 83	(CCGD 13)	20/04
<i>Chart Title:</i> WA - ROSARIO STRAIT - NORTHERN PART						
	Change	Leo Reef Light height to 15ft and nominal range to 6NM and height to 15ft			at	48-33-11.3N 122-51-15.0W
	Change	Obstruction Pass Light nominal range to 6NM			at	48-35-51.0N 122-48-16.1W
	Change	Parker Reef Light nominal range to 6NM			at	48-43-32.8N 122-53-39.9W
	Change	Fisherman Bay Sector Light nominal range to 6NM			at	48-31-29.1N 122-55-09.4W
18431	6th ed	Dec 2002	Last LNM 13/04	NAD 83	(CCGD 13)	20/04
<i>Chart Title:</i> WA - ROSARIO STRAIT TO CHERRY POINT						
	Change	Parker Reef Light nominal range to 6NM			at	48-43-32.8N 122-53-39.9W
18434	5th ed	Oct 2003	Last LNM 02/04	NAD 83	(CCGD 13)	20/04
<i>Chart Title:</i> WA - SAN JUAN CHANNEL						
	Change	Fisherman Bay Sector Light nominal range to 6NM			at	48-31-29.1N 122-55-09.4W
18440	27th ed	Nov 2003	Last LNM 19/04	NAD 83	(CCGD 13)	20/04
<i>Chart Title:</i> WA - PUGET SOUND						
	Change	Eagle Island Light 1 nominal range to 5NM			at	47-11-19.5N 122-41-44.5W
	Change	Puget Sound Traffic Lane Entrance Lighted Buoy S characteristic to FI Y 2.5s RACON (- - -)			at	48-12-21.3N 123-06-34.6W
	Change	Puget Sound Traffic Lane Separation Lighted Buoy SE characteristic to FI Y 2.5s RACON (-)			at	47-55-24.3N 122-29-33.5W
	Change	Puget Sound Traffic Lane Separation Lighted Buoy SD characteristic to FI Y 2.5s			at	47-57-52.3N 122-34-46.5W

18441	43rd ed	Jul 2003	Last LNM 19/04	NAD 83	(CCGD 13)	20/04
<i>Chart Title: WA - PUGET SOUND - NORTHERN PART</i>						
Change		Puget Sound Traffic Lane Separation Lighted Buoy SF characteristic to FI Y 2.5s		at	47-45-54.3N	122-26-15.5W
		RACON (- - -)				
Change		Puget Sound Traffic Lane Separation Lighted Buoy SE characteristic to FI Y 2.5s		at	47-55-24.3N	122-29-33.5W
		RACON (-)				
Change		Puget Sound Traffic Lane Separation Lighted Buoy SD characteristic to FI Y 2.5s		at	47-57-52.3N	122-34-46.5W
18445	30th ed	Oct 2003	Last LNM 17/04	NAD 83	(CCGD 13)	20/04
<i>Chart Title: WA - PUGET SOUND - POSSESSION SOUND TO OLYMPIA INCLUDING HOOD CANAL</i>						
Change		Puget Sound Traffic Lane Separation Lighted Buoy SF characteristic to FI Y 2.5s		at	47-45-54.3N	122-26-15.5W
		RACON (- - -)				
Change		Eagle Island Light 1 nominal range to 5NM		at	47-11-19.5N	122-41-44.5W
Change		Puget Sound Traffic Lane Separation Lighted Buoy SE characteristic to FI Y 2.5s		at	47-55-24.3N	122-29-33.5W
		RACON (-)				
Change		Puget Sound Traffic Lane Separation Lighted Buoy SD characteristic to FI Y 2.5s		at	47-57-52.3N	122-34-46.5W
18446	16th ed	Aug 2003	Last LNM 17/04	NAD 83	(CCGD 13)	20/04
<i>Chart Title: WA - PUGET SOUND - APPLE COVE POINT TO KEYPORT</i>						
Change		Puget Sound Traffic Lane Separation Lighted Buoy SF characteristic to FI Y 2.5s		at	47-45-54.3N	122-26-15.5W
		RACON (- - -)				
18447	27th ed	Apr 2004	Last LNM 19/04	NAD 83	(NOS NW -7496)	20/04
<i>Chart Title: WA - LAKE WASHINGTON SHIP CANAL AND LAKE WASHINGTON</i>						
Side A	Add	12 ft sounding, danger curve, blue tint and label: Subm pile		at	47-38-42.8N	122-19-52.5W
	Add	24 ft sounding, danger curve, blue tint and label: Subm pile		at	47-38-51.4N	122-19-46.0W
18448	33rd ed	Sep 2003	Last LNM 10/04	NAD 83	(CCGD 13)	20/04
<i>Chart Title: WA - PUGET SOUND - SOUTHERN PART</i>						
Change		Eagle Island Light 1 nominal range to 5NM		at	47-11-19.5N	122-41-44.5W
18465	36th ed	Jan 2004	Last LNM 08/04	NAD 83	(CCGD 13)	20/04
<i>Chart Title: WA - STRAIT OF JUAN DE FUCA - EASTERN PART</i>						
Change		Davidson Rock Light 1 height to 28ft and nominal range to 5NM		at	48-24-47.7N	122-48-43.2W
Change		Puget Sound Traffic Lane Entrance Lighted Buoy S characteristic to FI Y 2.5s		at	48-12-21.3N	123-06-34.6W
		RACON (- - -)				
18471	9th ed	Jun 2003	Last LNM 50/03	NAD 83	(CCGD 13)	20/04
<i>Chart Title: WA - APPROACHES TO ADMIRALTY INLET - DUNGENESS TO OAK BAY</i>						
Change		Puget Sound Traffic Lane Entrance Lighted Buoy S characteristic to FI Y 2.5s		at	48-12-21.3N	123-06-34.6W
		RACON (- - -)				
18473	7th ed	Dec 2002	Last LNM 12/04	NAD 83	(CCGD 13)	20/04
<i>Chart Title: WA - PUGET SOUND - OAK BAY TO SHILSHOLE BAY</i>						
Change		Puget Sound Traffic Lane Separation Lighted Buoy SF characteristic to FI Y 2.5s		at	47-45-54.3N	122-26-15.5W
		RACON (- - -)				
Change		Puget Sound Traffic Lane Separation Lighted Buoy SE characteristic to FI Y 2.5s		at	47-55-24.3N	122-29-33.5W
		RACON (-)				
Change		Puget Sound Traffic Lane Separation Lighted Buoy SD characteristic to FI Y 2.5s		at	47-57-52.3N	122-34-46.5W
18477	5th ed	25 Aug 2001	Last LNM 13/04	NAD 83	(CCGD 13)	20/04
<i>Chart Title: WA - PUGET SOUND - ENTRANCE TO HOOD CANAL</i>						
Change		Puget Sound Traffic Lane Separation Lighted Buoy SD characteristic to FI Y 2.5s		at	47-57-52.3N	122-34-46.5W
18504	65th ed	Mar 2003	Last LNM 15/04	NAD 83	(NOS NW -7429)	20/04
<i>Chart Title: WA - WILLAPA BAY (TOKE PT)</i>						
Delete		13 ft sounding		at	46-42-27.0N	123-57-49.4W
Delete		16 ft sounding		at	46-42-29.3N	123-58-07.2W
Add		9 ft sounding		at	46-42-27.1N	123-58-03.3W
Add		13 ft sounding		at	46-42-29.0N	123-58-07.0W
18523	54th ed	Oct 2003	Last LNM 19/04	NAD 83	(NOS NW -7596,97,98)	20/04
<i>Chart Title: OR - WA - COLUMBIA RIVER - HARRINGTON POINT TO CRIMS ISLAND</i>						
Substitute		15 ft sounding for 20 ft		at	46-15-00.3N	123-33-22.9W
Substitute		12 ft sounding for 23 ft		at	46-15-04.1N	123-33-15.6W
Substitute		29 ft sounding for 36 ft		at	46-14-24.0N	123-26-09.3W
Delete		21 ft sounding		at	46-15-09.7N	123-36-43.3W
Delete		43 ft sounding		at	46-15-42.2N	123-31-42.2W
Delete		47 ft sounding		at	46-15-46.3N	123-31-27.6W
Add		13 ft sounding		at	46-15-06.5N	123-36-43.1W
Add		16 ft sounding		at	46-15-42.3N	123-31-39.4W
Add		19 ft sounding		at	46-15-45.0N	123-31-25.3W
18524	33rd ed	23 Feb 2002	Last LNM 16/04	NAD 83	(NOS NW -7687)	20/04
<i>Chart Title: OR - WA - COLUMBIA RIVER - CRIMS ISLAND TO SAINT HELENS</i>						
Add		Tabulation: Gull Island Turn and Channel to Saint Helens Turn		centered at	46-03-45.0N	122-57-49.0W

18587 68th ed 25 Aug 2001 Last LNM 19/04 NAD 83 (NOS Silver Spring) 20/04
Chart Title: OR - COOS BAY 1 : 20,000

(New edition due to numerous Notice to Mariner changes.)
This NOAA chart is now available in both the Print-on Demand and digital raster formats. See <http://chartmaker.ncd.noaa.gov/mcd/dole.htm> for details. The corresponding traditional paper chart will be available in two to eight weeks.

18588 37th ed Apr 2003 Last LNM 17/04 NAD 83 (NOS NW -7426) 20/04
Chart Title: OR - COQUILLE RIVER ENTRANCE

Add Tabulation: Coquille River Channel at 43-06-54.0N 124-25-05.0W

OIL RIG MOVEMENT

Drill Rigs/Vessels Removed

Latitude	Longitude	Block	Rigs/Vessel	Chart	Type	Status
None						

Drill Rigs/Vessels Established

Latitude	Longitude	Block	Rigs/Vessel	Chart	Type	Status
None						

SECTION V - ADVANCE NOTICES

This section contains advance notice of approved projects, changes to aids to navigation, or upcoming temporary changes such as dredging, etc. Mariners are advised to use caution while transiting these areas.

SUMMARY OF ADVANCED APPROVED PROJECTS

Waterway	Project Date	Ref. LNM
None		

SECTION VI - PROPOSED CHANGES

Periodically, the Coast Guard evaluates its system of aids to navigation to determine whether the conditions for which the aids to navigation were established have changed. When changes occur, the feasibility of improving, relocating, replacing, or discontinuing aids are considered. This section contains notice(s) of non-approved, proposed projects open for comment. SPECIAL NOTE: Mariners are requested to respond in writing to the District office Attn John Barberi (206) 220-7276 unless otherwise noted (see banner page for address).

PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

Waterway	Closing	Docket No.	Ref. LNM
OREGON - CAPE BLANCO TO YAQUINA HEAD - CAPE ARAGO LIGHT (LLNR 605)	28 May 2004		LNM: 17/04

Navigation Aids: Not considered necessary for safe navigation.

On 15 October 2004, permanently discontinue the seasonal fog signal (maintained from April 15 to Oct 15 each year).

Charts 18580, 18587

Waterway	Closing	Docket No.	Ref. LNM
SNAKE RIVER - LITTLE GOSE RESERVOIR	28 May 2004		LNM: 17/04

Navigation Aids: To better mark shoal water.

Relocate Little Goose Reservoir Buoy 28A (LLNR 13833) to approximate position 46-40-45N, 117-33-07W

Chart 18547

Waterway	Closing	Docket No.	Ref. LNM
SNAKE RIVER - LAKE SACAJAWEA	28 May 2004		LNM: 17/04

Navigation Aids: To better mark shoal water.

Relocate Lake Sacajawea Buoy 28 (LLNR 13355) to approximate position 46-24-16N, 118-39-12W.

Relocate Lake Sacajawea Buoy 34 (LLNR 13380) to approximate position 46-26-11N, 118-38-24W.

Relocate Lake Sacajawea Buoy 38 (LLNR 13390) to approximate position 46-26-36N, 118-38-23W.

Chart 18545

SECTION VII - GENERAL

This section contains information of general concern to the Mariners. Mariners are advised to use caution while transiting these areas.

OREGON - Bridge Information

Suislaw River

The U.S.101 Bridge at Florence need not open for the passage of vessels from 0001 local 07 Sep to 2359 local 29 Oct 04. The temporary closure is authorized for a resurfacing project on the double-leaf bascule.

Chart 18583

LNM: 20/04

OREGON - Bridge Information

Coquille River

The Bullard Ferry Bridge at Coquille River mile 3.5 has been disabled and cannot open for vessel traffic until repairs are made.

Chart 18588

LNM: 12/04

OREGON - Bridge Information (Revisions of LNM 04/04)

Willamette River

The Broadway Bridge at mile 11.7 will require 24 hour notification for openings from 27 Feb to 15 Nov 04 due to operations related to painting.

Chart 18526

LNM: 09/04

OREGON - Bridge Information

Willamette River

The Burnside Bridge at mile 12.4 need not open for the passage of vessels from 0630 to 0930 local on 18 Jul and from 0700 to 1100 local on 19 Sep 04, to accommodate public events.

Chart 18526

LNM: 14/04

OREGON - Bridge Information

Willamette River

The Hawthorn Bridge at mile 13.1 need not open for the passage of vessels from 0730 to 0830 local on 11 Jul 04, to accommodate a public event.

Chart 18526

LNM: 14/04

OREGON - Bridge Information

Coos Bay

The Coos Bay Railroad Bridge, at mile 9.0, swing span has a mechanical failure and can only be opened by tug. Mariners should provide as much notice as possible for openings until a broken drive shaft is repaired. The bridge operator monitors VHF-FM Channel 18A when bridge is in operation. The bridge operator can also be reached at (541) 912-8691.

Chart 18587

LNM: 34/03

COLUMBIA RIVER – Bridge Information

Vancouver

The dual liftspans of the Interstate 5 dual vertical lift bridges at river mile 106.5 will be effected throughout the summer of 2004 by a major mechanical-electrical rehabilitation project. From 0900 01 Jul to 0630 local 15 Jul 04 the draws need not open for the passage of vessels unless two hours notice is provided. From 0630 15 Jul to 2100 local on 06 Aug 04 the draws will not open. Scheduled openings will occur, if requested, at 2100 local on 06 and 20 Aug, 03 and 17 Sep and 01 Oct 04. The draws will not return to normal operations until 2100 local on 15 Oct 04.

Charts 18524, 18526

LNM: 12/04

COLUMBIA RIVER - SNAKE RIVER - Bridge Information (Revisions of LNM 12/04)

Longview

A single work platform will remain installed 250 ft south of the center of the main span of the Lewis and Clark Bridge at river mile 66 until 31 May 04. This platform is about 20 ft wide with 8 ft less vertical clearance found beneath it.

Chart 18524

LNM: 18/04

WASHINGTON - Bridge Information

Duwamish West Waterway

The Spokane Street Dual Swingspan at mile 0.3 – Vessel operators who need draw openings are requested to pass through a west span opening whenever safe passage through this half-opening is possible. The Coast Guard recognizes this limited operation for consenting vessels only. Cracking has been discovered in the vertical lift cylinder of the east span. The manufacture and replacement of this unique part will take months. Minimizing the load bearing of the cylinder may prevent a failure of the east span similar to the one that occurred in 2001 at the west span. Operators will continue to open both sides of the bridge to any vessel that requests a full opening.

Chart 18450

LNM: 11/02

WASHINGTON – Bridge Information

Lake Washington

The Montlake Bridge draw need not open for the passage of vessels from 0730 to 0900 local 23 May 04, to accommodate the annual Nordstrom Beat the Bridge Run.

Chart 18447

LNM: 19/04

WASHINGTON – Bridge Information

Lake Washington

The Montlake Bridge draw need not open for the passage of vessels from 1130 to 1400 and from 1630 to 1800 local 12 Jun 04, to accommodate heavy traffic for the University of Washington Commencement.

Chart 18447

LNM: 19/04

WASHINGTON – Bridge Information

Lake Washington

The University Bridge draw need not open for the passage of vessels from 0815 to 0930 local 23 May 04, to accommodate the annual Nordstrom Beat the Bridge Run.

Chart 18447

LNM: 19/04

WASHINGTON – Bridge Information

Chambers Creek

The Burlington Northern Santa Fe Railroad Drawbridge near Steilacoom need not open for the passage of vessels from 0700 local 18 May to 2000 local 19 May and from 0700 local 25 May to 2000 local 26 May 04, during maintenance.

Chart 18445

LNM: 19/04

WASHINGTON - Bridge Information

Tacoma Narrows Bridge – (Revision of LNM 31/03)

Construction – Derrick barges will be deployed at various locations around the pier locations for the new parallel bridge near the piers of the existing Tacoma Narrows Bridge. Buoys have been deployed to mark anchor cables for retrieval this summer when caissons are floated into position for the new footing excavation. These buoys are in the process of being lighted and repainted for improved visibility. Lights may be extinguished by submersion in strong currents. A free channel 1600 feet wide currently exists. Mariners should exercise caution while passing construction activity. Further updates will be included in this publication.

Charts 18448, 18474

LNM: 32/03

WASHINGTON - Bridge Information

Tacoma Narrows Bridge – (Revision of LNM 32/03)

The Coast Guard has issued a safety zone regulation until 06 Aug 04, for all waters of the Tacoma Narrows, Puget Sound, and adjoining waters of Washington state, within a 250 yard radius around each of the following coordinates: 47-15-54N 122-32-50W and 47-16-15N 122-33-16W. No vessel will be allowed to transit this area without the permission of the Coast Guard. The Coast Guard may be reached on VHF-FM Channel 16.

Charts 18448, 18474

LNM: 06/04

WASHINGTON - Bridge Information

Everett

State Route 529 Swingspan Bridge across Steamboat Slough at Everett is inoperable due to mechanical failure until further notice.

Chart 18443

LNM: 36/03

Bridge Lighting Discrepancies:

Lights on the following bridges have been reported extinguished.

Waterway and Mile	Bridge Name	Location	Status	Date reported	BNM	LNM
Coquille River Mile 3.5	Bullards Ferry Bridge	Brandon OR	EXT	12 May 04	0519-04	20/04
Coos Bay Mile 9	Coos Bay Railroad Bridge	Coos Bay OR	EXT	30 Apr 04	0454-04	18/04
Coos Bay Mile 9.8	McCullough Bridge	Coos Bay OR	EXT	30 Apr 04	0455-04	18/04
Coos River Mile 2.2	Chandler Bridge	Coos County OR	EXT	12 May 04	0520-04	20/04
Coos River Mile 2.2	Anson-Rogers Bridge	Coos County OR	EXT	12 May 04	0521-04	20/04
Isthmus Slough Mile 6.0	Coos City Bridge	Coos County OR	EXT	12 May 04	0522-04	20/04
Umpqua River Mile 11.1	U.S. Highway 101	Reedsport OR	EXT	17 May 04	0549-04	20/04
Columbia River Mile 66	Lewis and Clark Bridge	Longview WA	EXT	11 May 04	0505-04	19/04
Columbia River Mile 14	Astoria Megler Bridge	Astoria OR	EXT	14 May 04	0553-04	20/04
Duwamish Mile 3.8	South Park Bridge	Seattle WA	EXT	03 May 04	0469-04	18/04
Chambers Creek Mile 0.0	Chambers Creek Bridge	Seattle WA	EXT	05 May 04	0490-04	19/04
Hylebos Waterway Mile 1.1	East 11th Street Bridge	Seattle WA	EXT	05 May 04	0489-04	19/04
Port Orchard	Warren Ave Bridge	Bremerton WA	EXT	05 May 04	0491-04	19/04

Bridge Lighting Discrepancies Corrected:

The following bridge discrepancies have been corrected since the last Local Notice to Mariners:

Waterway and Mile	Bridge Name	Location	Status	Date reported	BNM	LN
None						

THIRTEENTH COAST GUARD DISTRICT - Request for information on the use of large-scale driftnets on the high seas

The United States Coast Guard (USCG) requests mariners be on the lookout for and report any observed driftnets or vessels engaged in driftnet fishing on the high seas (more than 200NM from shore). Sighting information may be made to any of the following Coast Guard offices:

Offices	Phone	Fax	Telex	Email
USCG Pacific Area Alameda, CA	1-800-246-7236 1-510-437-3701	1-510-437-3017	230172343	OD11/Pacarea@d11.uscg.mil
USCG 14th District Honolulu, HI	1-800-331-6176 1-808-541-2500	1-808-541-2123		D14ccdutyofficer@D14.uscg.mil
USCG 17th District Juneau, AK	1-800-478-5555 1-907-463-2000	1-907-463-2023	49615066	D17-cc@cgalaska.uscg.mil

Illegal high seas driftnet (HSDN) fishing has historically been conducted in the Northwest Pacific Ocean. Mariners following great circle routes between North America and Asia are most likely to encounter this activity. Fishing activity normally takes place between 01 Apr and 31 Aug. However, illegal activity may occur in other areas and at other times of the year.

Information desired include date, time, position, description of gear/vessel, and observed activity. Video or photographs are highly desired.

HSDN Fishing Vessel Characteristics:

HSDN fishing vessels typically range from 120 to 200 feet in length and are usually in fair to poor condition. Distinguishing characteristics include:

Net tube: A large, usually white tube, which extends from the working deck to the net bin located aft. This tube is about two feet in diameter, runs along the port or starboard side of the superstructure, and is clearly visible from both the surface and air.

Net bin: A structure normally located on an aft deck in which the nets are stored.

Net spreader: A triangular or roller net spreading device, which prevents the net from becoming entangled as it enters the water. While only visible from the stern, this is one characteristic, which clearly distinguishes a HSDN fishing vessel from a longline or other fishing vessel.

Transponders: The radio transponders are approximately 4-6 ft tall, are used to mark the end of a net and are normally stored in racks on the weather decks.

When the net is in the water, it is normally suspended using cylindrical floats spaced every few feet, similar to swimming pool lane markers, with the ends of the nets marked with radio transponders. Other types of floats may be used, including larger spherical floats about 2-3 ft in diameter. The driftnets may vary from a couple hundred yards to several nautical miles in length.

Chart N/A LNM: 09/04

THIRTEENTH COAST GUARD DISTRICT - Reporting suspicious activity

The Department of Homeland Security (DHS) encourages the maritime public to report information concerning suspicious activity to the National Response Center (NRC) at (800) 424-8802. The U.S. Coast Guard reminds the maritime industry that they may also report information concerning activity to their Local Federal Bureau of Investigation (FBI) Joint Terrorism Task Force (JTTF) Office, <http://www.fbi.gov/contact/fo/fo.htm>, or to other appropriate authorities. Individuals can contact the DHS Watch and Warning Unit at (202) 323-3205, toll free at (888) 585-9078, or by e-mail to nipc.watch@fbi.gov.

Chart N/A LNM: 15/03

COLUMBIA RIVER - ASTORIA - Construction Projects (Revision of LNM 45/02)

Marine construction activities are scheduled near Astoria on the Oregon side of the Columbia River at the Port of Astoria's Pier III near river mile 11. This is a long-term project that is expected to last until 2005. Mariners should use caution near the 1100-foot pier as piles may not be visible at high tide. For questions concerning the long-term Pier III project contact the Port of Astoria at (503) 325-4521.

Chart 18521 LNM: 35/03

COLUMBIA RIVER - BONNEVILLE, THE DALLES, AND JOHN DAY DAMS - Closures (Revision of LNM 04/04)

The John Day Navigational Locks will be closed for 12 hours daily, excluding Sundays from 0800 to 2000 local from 28 Apr to 05 Jun 04. For additional information, contact ACOE Portland District at (503) 808-4333.

Charts 18531, 18533, 18535 LNM: 17/04

COLUMBIA RIVER - LAKE UMATILLA - BLALOCK ISLAND - Fish and Wildlife Fires

The U.S. Fish and Wildlife Services will be conducting prescribed fires in the vicinity of 45-54-20N 119-37-57W. The fires will be conducted from 1100 local until dusk on various dates until the end of May 04. Mariners are urged to transit the area with caution as smoke may cause low visibility. For additional information, contact U.S. Fish and Wildlife Service Mid Columbia River NWRC at (509) 545-8588.

Chart 18539 LNM: 08/04

COLUMBIA RIVER - THE DALLES - Telemetry Barges

USGS Columbia River Research Lab deployed 20 6ft by 8ft pontoon barges, each showing flashing yellow 4 seconds (FI Y 4s) lights, located on the Oregon side, outside the shipping channel between the Dalles Dam and mile 193 on the Columbia River. An additional 28 pontoon barges were deployed in the Boat Restriction Zone (BRZ) above the Dalles Dam, each showing flashing yellow 4 seconds (FI Y 4s) lights. All the barges are to be removed prior to 31 Aug 04. For additional information, contact Columbia River Research Laboratory at (509) 538-2299 Ext 267.

Chart 18533 LNM: 15/04

OREGON / WASHINGTON - COASTAL REGION - Tsunami Reporting System

As part of the Pacific Tsunami Reporting System the following surface buoys have been deployed by NOAA. Each buoy is a 2.5-meter disk, red and white in color, with the word "TSUNAMI" on it. Each buoy has a "FL Y 4s" light.

Buoy 46404	45-51-32N, 128-46-40W
Buoy 46405	42-54-10N, 130-54-32W
Buoy D - 127	45-31-26N, 127-35-38W

Chart 501 LNM: 29/03

OREGON / WASHINGTON - COASTAL REGION - NOAA

NOAA buoys 46404 and 46405 have been temporarily discontinued.

Chart 501 LNM: 14/04

WASHINGTON - STRAIT OF JUAN DE FUCA, STRAIT OF GEORGIA AND SAN JUAN ISLANDS - Survey Operations

The Washington Department of Fish and Wildlife (WDFW) will be conducting a resource survey for bottom fishes from 19 Apr to 18 Jun 04. The survey will be in the Strait of Juan De Fuca east to Port Townsend and Whidbey Island and north to the San Juan Islands and the Strait of Georgia to the U.S. - Canada border. The F/V Chasina has been chartered by the WDFW, has a sign WDFW RESEARCH posted on the side and will be monitoring VHF-FM Channel 16. Vessels are requested to exercise caution in the vicinity of the research vessel. For additional information, contact WDFW at (425) 379-2313.

Charts 18460, 18465, 18421 LNM: 15/04

WASHINGTON - ELLIOTT BAY - Terminal 46 Construction

The American Construction Company has commenced construction that includes pile driving at terminal 46 for the Port of Seattle. Pile driving work will be from 0700 to 1700 local Monday through Saturday 12 Dec 03 to Jun 04. The crane DB Palouse will be moored on anchors, and crown buoys will be used to mark the anchor locations. DB Palouse will monitor VHF-FM Channel 16. All vessels are requested to minimize wake in the vicinity of construction. For additional information contact the American Construction Co at (206) 264-0701.

Chart 18449 LNM: 50/03

WASHINGTON - STRAIT OF JUAN DE FUCA - PUGET SOUND - Security Zone of Passenger Vessels (Revision to LNM 06/03)

The Coast Guard is establishing a temporary moving security zone of 500 yards surrounding passenger vessels while within the waters of Puget Sound and adjacent waters. A passenger vessel is defined as any vessel over 100 feet in length (33 meters) carrying passengers for hire such as auto ferries, cruise ships, passenger ferries, and excursion vessels. All vessels within 500 yards of a passenger vessel shall operate at the minimum speed necessary to maintain a safe course and shall proceed as directed by the Official Patrol or passenger vessel master. The Official Patrol will consist of a Coast Guard patrol, Federal Law Enforcement officer or a General Authority Washington Peace Officer, Limited Authority Washington Peace Officer, Specially Commissioned Washington Peace Officer, or the passenger vessel master. This order is issued under the authority of the Ports and Waterways Safety Act, Title 33, U. S. Code 1221 et. Seq., and the regulations issued thereunder, Title 33, Code of Federal Regulations Part 165.

Physical Boundaries: The following area is a security zone: All waters of Puget Sound, Washington State east of 123-30-00W [Datum: NAD 1983] within a 500 yard radius centered on passenger vessels while they are underway, anchored or moored.

Special Rules: All vessels within 500 yards of a passenger vessel shall operate at the minimum speed necessary to maintain a safe course, and shall proceed as directed by the Official Patrol or the passenger vessel master. No vessels will be allowed to transit this area without the permission of the Coast Guard, the Official Patrol or the passenger vessel master. Penalties for violating the zone: The Ports and Waterways Safety Act prescribes that whoever violates an order issued under the act is liable to a civil penalty of not more than \$27,500 for each violation. Each day of continuing violation shall constitute a separate violation. If such a violation is willful, you are subject to a criminal penalty of not more than \$250,000 and/or six years imprisonment. This criminal penalty is classified as a class "D" felony under federal law. Contact the Coast Guard Marine Safety Office, Puget Sound at (206) 217-6215 or VHF-FM Channel 16 for more information.

Chart N/A LNM: 32/03

WASHINGTON - PUGET SOUND - Diving operations

Geoduck harvesting diving operations will be conducted in the vicinity of Skiff Point from 0800 to 1600 local, Monday through Friday excluding state holidays, from 08 Apr to 21 Jun 04. The Department of Natural Resources patrol boat will be on site and monitoring VHF-FM Channel 8. Mariners are requested to maintain a 300ft CPA from the dive vessels. For additional information, contact the Washington Department of Natural Resources at (360) 902-1100.

Chart 18448 LNM: 15/04

WASHINGTON - PUGET SOUND - SEATTLE TO BREMERTON - Ongoing Construction of Pier 36

During ongoing construction at Pier 36 that is expected to be completed September 2005, barges will be moored on the western face of Pier 36 sporadically. Barges will be marked with white flashing lights on the west corners and extend off the face no more than 110 ft. Mariners are requested to exercise caution in the vicinity of Pier 36.

Chart 18449 LNM: 33/03

WASHINGTON - COMMENCEMENT BAY - Tacoma - Construction Operations

An inter-tidal basin has been excavated in approximate position 47-18-23N 122-30-32W. This is part of a construction activity completed at the Asarco Tacoma Smelter Facility of the Commencement Bay Nearshore/ Tideflats Superfund Site Operable Unit 02 (commonly known as the "slag pile"). The dimensions of the basin are approximately 600 ft long (parallel to the shoreline) by 200 ft wide (perpendicular to the shoreline). A rock breakwater with a crest elevation of +10 ft MLLW is located at the seaward edge of the basin. Mariners are urged to use caution when transiting this area as the breakwater is not visible at all tidal conditions.

Chart 18448 LNM: 39/03

WASHINGTON - STRAIT OF JUAN DE FUCA ENTRANCE - Exposed Submarine Cable (Revision of LNM 42/01)

25 segments of exposed or partially exposed cable have been identified in the Olympic Coast National Marine Sanctuary (OCNMS). The exposed cable locations are in the vicinity of Cape Flattery to 25 NM offshore. The exposed cables pose the greatest hazard to trawling and fishing vessels. Vessels that suspect their gear is snagged on the exposed cable should call Global Crossing at (800) 409-4471. The positions and lengths of exposed cable (see LNM 45/01 for detailed information available online at <http://www.navcen.uscg.gov/lnm/d13>) are only those identified within the OCNMS. It is likely that there are additional locations of exposed cable outside of the OCNMS. The general area of exposed cable is located within the following coordinates:

Lat/Long	Lat/Long
48-26-45.0N 125-21-18.0W	48-26-45.0N 124-38-15.0W
48-21-18.0N 125-21-18.0W	48-21-18.0N 124-38-15.0W

Chart 18480

LNM: 43/01

WASHINGTON - PUGET SOUND - COMMENCEMENT BAY - Piling Removal Project

A piling removal project has commenced at the NW end of the spit separation of the St. Paul and Middle Waterways in approximate position 47-16-10N 122-26-00W. The removal of these pilings may make it difficult to identify the rock pile spit that extends into the bay. Mariners are advised to exercise caution when transiting this area.

Chart 18448

LNM: 52/02

WASHINGTON - PUGET SOUND - DUWAMISH WATERWAY - Submerged Barge (Revision of LNM 05/03)

Six barges rather than the one barge previously reported in December 2002, have sunk in the Duwamish Waterway approximately 150 yards south of the 1st Avenue Bridge and are protruding into the west side of the channel. The owner of the partially submerged barge has marked the corner in the channel with a red float and a quick flashing red light. Attempts to salvage the barge have been unsuccessful. An announcement will appear in this publication as changes occur. Contact the Army Corps of Engineers at (206) 764-3429 for more information.

Chart 18450

LNM: 16/03

WASHINGTON - PUGET SOUND - Marine Events

EVENT DATE	EVENT NAME	EVENT LOCATION	SPONSOR
05/18/2004	Interim Evening Tues Evening	Lake Washington	Corinthian Yacht Club
05/19/2004	Corinthian III	Fidalgo Bay	Anacortes Yacht Club
05/19/2004	Spring Series 3	Bellingham Bay	Bellingham Bay
05/19/2004	Wind Seekers Summer Eve A	Commencement Sound	Wind Seekers Yacht Club
05/19/2004	Interim Evening Wed Evening	Lake Washington	Corinthian Yacht Club
05/19/2004	Interim Evening-PHRF	Puget Sound	Corinthian Yacht Club
05/20/2004	Interim Evening-One Design	Puget Sound	Corinthian Yacht Club
05/21/2004	Pt Orchard YC May Fri Night	Sinclair Inlet	Port Orchard Yacht Club
05/21/2004	Pacific Challenge	Port Townsend Bay	Wooden Boat Foundation
05/21/2004	Fun on Fridays Series	Commencement Bay	Corinthian YC of Tacoma
05/21/2004	Friday Night Log Dodge	Possession Sound	Milltown Sailing Association
05/22/2004	Sloop Tavern Spring Regatta	West Point	Sloop Tavern Yacht Club
05/22/2004	Port Orchard WSSA Invitational	Sinclair Inlet/Port Orchard Inlet	Port Orchard Yacht Club
05/23/2004	Ski to Sea Regatta	Bellingham Bay	Bellingham Bay
05/23/2004	SYC Jack and Jill Series Race	Vicinity Shilshole Bay Marina	Seattle Yacht Club
05/24/2004	Sloop Tavern Ballard Cup	Shilshole Marina	Sloop Tavern Yacht Club
05/24/2004	Ballard Cup Series 1	Puget Sound	Shilshole Bay Yacht Club
05/24/2004	Ski to Sea Regatta	Bellingham Bay	Bellingham Bay
05/25/2004	Interim Evening Tues Evening	Lake Washington	Corinthian Yacht Club
05/26/2004	Spring Series 4	Bellingham Bay	Bellingham Bay
05/26/2004	Wind Seekers Summer Eve A	Commencement Sound	Wind Seekers Yacht Club
05/26/2004	Ballard Cup Series 1	Puget Sound	Shilshole Bay Yacht Club
05/26/2004	Interim Evening-PHRF	Puget Sound	Corinthian Yacht Club
05/26/2004	Interim Evening Wed Evening	Lake Washington	Corinthian Yacht Club
05/27/2004	Interim Evening-One Design	Puget Sound	Corinthian Yacht Club
05/28/2004	UW Rowing Races	Lake Washington	University of Washington Crew
05/28/2004	Pt Orchard YC May Fri Night	Sinclair Inlet	Port Orchard Yacht Club
05/28/2004	ORCA Junior Sailing Clinic	Vicinity Shilshole Bay Marina	Seattle Yacht Club
05/28/2004	ORCA Jr. Clinic	West Point	Corinthian Yacht Club
05/29/2004	ORCA Jr. Clinic	West Point	Corinthian Yacht Club
05/29/2004	ORCA Junior Sailing Clinic	Vicinity Shilshole Bay Marina	Seattle Yacht Club
05/30/2004	Kayak Race	Squalicum Harbor	Bellingham/Whatcom Co
05/30/2004	ORCA Jr. Clinic	West Point	Corinthian Yacht Club
05/30/2004	ORCA Junior Sailing Clinic	Vicinity Shilshole Bay Marina	Seattle Yacht Club
05/30/2004	Mid Dist.	Possession Sound	Milltown Sailing Association

EVENT DATE	EVENT NAME	EVENT LOCATION	SPONSOR
05/30/2004	ORCA Junior Sailing Clinic	Vicinity Shilshole Bay Marina	Seattle Yacht Club

SECTION VIII – LIGHT LIST CORRECTIONS

An Asterisk *, indicates the column in which a correction has been made to new information

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	Strait of Juan De Fuca						
16345	<i>Puget Sound Traffic Lane Entrance Lighted Buoy S</i>	48 12 21 N 123 06 35 W	FI Y 2.5s *		6	Yellow.	RACON: Z (- - -) 20/04
	Admiralty Inlet						
16525	<i>Double Bluff Lighted Buoy 1</i>	47 57 58 N 122 33 16 W	FI G 4s *		5	Green.	20/04
16530	<i>Puget Sound Traffic Lane Separation Lighted Buoy SD</i>	47 57 52 N 122 34 47 W	FI Y 2.5s *		6	Yellow.	20/04
16540	<i>Puget Sound Traffic Lane Separation Lighted Buoy SE</i>	47 55 24 N 122 29 34 W	FI Y 2.5s *		6	Yellow.	RACON: T (-) 20/04
	Puget Sound						
16745	<i>Puget Sound Traffic Lane Separation Lighted Buoy SF</i>	47 45 54 N 122 26 15 W	FI Y 2.5s *		6	Yellow.	RACON: G (- - -) 20/04
	East Passage						
16920	<i>Puget Sound Traffic Lane Separation Lighted Buoy T</i>	47 34 33 N 122 27 04 N	FI Y 2.5s *		6	Yellow.	20/04
	Hylebos Waterway						
17270	EAGLE ISLAND LIGHT 1	47 11 20 N 122 41 45 W	FI G 4s *	18	5	SG on skeleton tower.	20/04
	Port Townsend						
17564	- <i>Lighted Buoy 1</i>	48 04 59 N 122 44 54 W	FI G 2.5s *		3	Green can.	20/04
	Eagle Harbor						
18015	- <i>Sand Spit Lighted Buoy 5</i>	47 37 15 N 122 30 14 W *	FI G 4s *		4	Green.	20/04
	Rich Passage						
18040	- <i>Orchard Rocks Lighted Buoy 6</i>	47 34 27 N 122 32 02 W	FI R 2.5s *		5	Red.	20/04
	Guemes Channel						
18970	- <i>Lighted Buoy 4</i>	48 31 10 N 122 39 11 W	FI R 4s *		5	Red.	20/04
	Rosario Strait						
19325	DAVIDSON ROCK LIGHT 1	48 24 48 N 122 48 43 W *	FI G 4s *	28	5	SG on platform.	Higher intensity beam towards Burrows Island Light 20/04
19375	Mud Bay Daybeacon On reef.	48 27 35 N 122 49 59 W *				NR on spindle.	20/04
19405	FAUNTLEROY POINT LIGHT	48 31 28 N 122 47 19 W *	FI W 4s *	37	7	NB on skeleton tower.	20/04
19425	LEO REEF LIGHT	48 33 11 N 122 51 15 W *	FI W 4s *	15	6	NB on black pyramidal base.	20/04
19430	<i>Blakely Island Shoal Isolated Danger Lighted Buoy DS</i>	48 34 08 N 122 50 41 W	FI (2) W 5s *		6	Black and red bands with two black spherical topmarks.	20/04
19455	BLACK ROCK LIGHT 9	48 32 45 N 122 45 57 W *	FI G 4s *	10	4	SG on skeleton tower.	20/04
19470	OBSTRUCTION PASS LIGHT	48 35 51 N 122 48 16 W *	FI W 4s *	23	6	NR on white house.	20/04
19485	<i>Buckeye Shoal Lighted Bell Buoy 14</i> Marks shoal west of Sinclair Island.	48 37 27 N 122 43 47 W *	FI R 6s *		5	Red.	20/04

19490	PEAPOD ROCKS LIGHT 15	48 38 32 N 122 44 37 W *	FIG 4s	35	5	SG on white octagonal house.		20/04
19525	VILLAGE POINT LIGHT 18	48 43 00 N 122 43 07 W *	FIR 4s	24	5	TR on skeleton tower.	Higher intensity beam towards Rosario Strait and Boundary Bay. Obscured from 180° to 264°.	20/04
19530	PUFFIN ISLAND SHOAL LIGHT 19	48 44 36 N 122 49 00 W *	FIG 4s	20	5	SG on house on cylindrical structure.		20/04
19560	Fisherman Bay - SECTOR LIGHT	48 31 29 N 122 55 09 W	FI W 4s (R sector)	15	6 *	NR on pile structure.	Red from 150° to 076°.	20/04
19675	San Juan Channel GREEN POINT LIGHT	48 37 59 N 123 06 23 W *	FI W 4s	20	6	NB on skeleton tower.		20/04
19720	Haro Strait KELLETT BLUFF LIGHT	48 35 17 N 123 12 05 W *	FI W 4s	80	7	NB on house.		20/04
19840	Boundary Pass PARKER REEF LIGHT	48 43 33 N 122 53 40 W *	FI W 4s	15	6 *	NR on pile structure.	Ra ref.	20/04
19910	Strait of Georgia <i>Alden Bank Lighted Gong Buoy A</i>	48 50 23 N 122 52 14 W *	FI (2+1) R 6s		5	Red and green bands.		20/04

PUBLICATION CORRECTIONS

Publication-National Ocean Service-U.S. Coast Pilot 7, Pacific Coast: California, Oregon, Washington, Hawaii, and Pacific Islands, 2004 (36th) Edition. Change No. 10.

Coast Pilot 7 36th 2004

Corrections

Page 88-Paragraph 785, read:
32°43'08.2"N., 117°12'58.0"W.
(33 CFR 110.210)

Page 110-Paragraph 1432 through Paragraph 1435, read:

§117.169 Mare Island Strait and The Napa River.

(a) The draw of the Mare Island Drawbridge, mile 2.8, at Vallejo shall open on signal between the hours of 9 a.m. and 7 p.m. daily, and upon two hours advance notice all other times. When the drawbridge operator is present, mariners may contact the drawbridge via marine radio or telephone at (707) 648-4313 for drawspan operation. When the drawbridge operator is not present, mariners may contact the City of Vallejo via the same telephone number to schedule drawspan operation.

(FR 4/23/04; CL 599/04)

Page 120-Paragraph 1609, read:

§147.20 Definitions.

Unless otherwise stated, the term "attending vessel" refers to any vessel

which is operated by the owner or operator of an OCS facility located in the safety zone, which is used for the purpose of carrying supplies, equipment or personnel to or from the facility, which is engaged in construction, maintenance, alteration, or repair of the facility, or which is used for further exploration, production, transfer or storage of natural resources from the seabed beneath the safety zone.

(33 CFR 147)

Page 212-Paragraph 3680, read:

§334.890 Pacific Ocean off Point Loma, Calif.; naval restricted area.

(33 CFR 334)

Page 235-Paragraph 31, line 4; read:
and mooring buoys, pipes, and stakes.

Pacific offshore platforms are regulated by **safety zones** administered and enforced by the United States Coast Guard. (See **33 CFR 147**, chapter 2, for limits and regulations.) If, for safety reasons, a vessel must approach an offshore platform, it is essential to notify the operator of the platform

and/or the Captain of the Port on VHF-FM channel 16 for permission to enter the safety zone. Boarding or mooring to a platform is strongly discouraged and may be considered trespass unless permission is given in advance from the platform operator or Captain of the Port, or access to the platform is required as a result of emergency circumstances.

(CL 454/04)

Page 249-Paragraph 39, line 5; read: local naval authorities. (See **334.890**, chapter 2, for limits and regulations.) The area in the lee of Point ...

(33 CFR 334.890)

Page 261-Paragraph 203, lines 2-4; read: **147.1 through 147.20, 147.1104, 147.1108, and 147.1111**, chapter 2 for limits and regulations and chapter 3 under '**Oil well structures**' for additional information.)

(33 CFR 147; NOS/04)

Page 282-Paragraph 561, read:

Safety zones

Safety zones have been established around oil drilling platforms and an offshore storage and treatment vessel mooring area, about 13 miles W of Goleta Point, in

34°23'27"N., 120°07'14"W. (**Platform Hondo**);

34°22'36"N., 120°10'03"W. (**Platform Harmony**);

34°21'01"N., 120°16'45"W. (**Platform Heritage**); and

34°24'19"N., 120°06'00"W. (**vessel mooring area**). (See **147.1 through 147.20, 147.1105, 147.1106, 147.1114 and 147.1115**, chapter 2 for limits and regulations and chapter 3 under '**Oil well structures**' for additional information.)

Publication-National Ocean Service-U.S. Coast Pilot 7, Pacific Coast: California, Oregon, Washington, Hawaii, and Pacific Islands, 2004 (36th) Edition. Change No. 11.

Coast Pilot 7 36th 2004

Corrections

Page 54-Paragraph 146, line 1; read:

Subpart H-Gulf of the Farallones National Marine Sanctuary

§922.80 Boundary.

(a) The Gulf of the Farallones National Marine ...

(15 CFR 922)

Page 277-Paragraph 484, line 5; read: heavy weather.

(33 CFR 147; NOS/04)

Page 282-Paragraph 574, lines 2-6; read: drilling platforms in

34°27'19.0"N., 120°38'47.0"W.

(**Platform Hermosa**);

34°28'09.5"N., 120°40'46.1"W.

(**Platform Harvest**); and

34°29'42.0"N., 120°42'08.0"W.

(**Platform Hidalgo**). (See **147.1 through 147.20, 147.1109, 147.1110, and 147.1112**, chapter 2 for limits and regulations and chapter 3 under '**Oil well structures**' for additional information.)

(33 CFR 147; NOS/04)

Page 294-Paragraph 153, read:

Safety zones

Safety zones have been established around the oil drilling platforms and an offshore storage and treatment vessel mooring area in:

(NOS/04)

Page 294-Paragraphs 159-160, read:

34°24'19"N., 120°06'00"W. (**an**

offshore storage and treatment vessel mooring area);

34°22'36"N., 120°10'03"W. (**Platform**

Harmony);

(33 CFR 147; NOS/04)

Page 294-Paragraph 165, read:

34°36'37.5"N., 120°43'46.0"W.

(**Platform Irene**). (See **147.1 through 147.20, 147.1102, 147.1103, 147.1105 through 147.1107, 147.1109, 147.1110, and 147.1112 through 147.1116**, chapter 2, for limits and regulations and chapter 3 under '**Oil well structures**' for additional information.)

(33 CFR 147; NOS/04)

Dangers

A **naval restricted area** is in Port Hueneme. (See **334.1 through 334.6 and 334.1127**, chapter 2, for limits and regulations.)

(CL 560/04)

Page 277-Paragraph 486, line 8; read: Hueneme Pilots Association, telephone 805-986-3213.

(CL 533/04)

Page 379-Paragraph 119, line 8; read:

approximately 3,500 feet and a 43-foot high lighthouse (unlit) which can be observed offshore during the day are on the point.

(CL 334/01; NOS 18620)

Page 380-Paragraph 145, lines 3-4; read: slope of the cape.

(CL 334/01; NOS 18620)

Page 477-Paragraph 135, lines 1-2; read: The Makah Indian T-head pier with a 300-foot face, and the ruins ...

(LL/04; NOS 18484)

Page 500-Paragraph 418, lines 2-4; read: and Padilla Bays. The two long Tesoro and Shell Refinery piers extend N to deep water from the N end of the point. The W pier, owned by Shell Oil, has ...

(CL 230/04)

Page 500-Paragraph 418, lines 10-11; read: and depths of 45 feet reported alongside.

The Tesoro Pier, 0.5 mile E of the Shell Pier, has a 3,466-foot approach ...

(CL 230/04)

Page 500-Paragrap 419, line 1; read:

About 200 yards from the Tesoro Pier, when making ...

(CL 230/04)

Page 505-Paragraph 482, lines 6-7; read: resorts are along the shore. A mooring basin and private marina are on the N side of the bay; the basin entrance is marked by lights and daybeacons.

(17/04 CG13; Internet/04)

Page 555-Paragraph 422, line 1; read: A **132°05' - 312°05' measured nautical mile** is along the SW shore of the bay about midway between Ruston and Tacoma.

A fishing reef, marked by private buoys, is along the ...

(CL 1263/03; NOS 18474; CP7-382/97)

Page 603-Paragraph 509, lines 3-5; read: high cliff **Molokai Light** (21°12'34"N., 156°58'11"W.), 213 feet above the water, is shown from a 138-foot white tower on the outer part of the peninsula.

(16/04 CG14)

Page 662-Paragraph 384, line 2; read: entrance; 18725.

Commencement Bay, on the SW shore between Ruston and Tacoma; 18474.

(CL 1263/03; NOS 18474)

ENCLOSURES

Oregon - Washington - Columbia River - Dredging Operations >See Append 1<
 Columbia River - Tabulation: Gull Island Turn and Channel to Saint Helens Turn >See Append 2<
 Coquille River - Tabulation: Coquille River Channel >See Append 3<

If you have any questions, comments, or need additional information concerning this or other LNMs or the LNM Mailing List (e.g. additions, deletions, corrections) contact the address or phone number on the front page.

D. R. McCRIMMON, JR.
 Commander, U.S. Coast Guard
 Chief, Aids to Navigation & Waterways Management Branch
 Thirteenth Coast Guard District
 By direction of the District Commander

OREGON – WASHINGTON – COLUMBIA RIVER – Dredging Operations

Dredging operations are planned or in progress at the following locations:

Start Date	End Date	Times	Location	Dredge Vessel	Assist Vessel	Channels Monitored	Disposal Area	LNM
In progress	31 May04	24 hours 7 days	Grays Harbor Navigational Channel Outer Harbor	Sugar Island	Rouge River	13 and 16 VHF-FM	Point Chehalis Open Water Disposal Area	18/04
In progress	28 May04	24 hours 7 days	Grays Harbor Bar Channel and Entrance Channel	Essayons Yaquina		13 and 16 VHF-FM	South Beach and Half Moon Bay	19/04

*US Army Corps of Engineer dredges request mariners transit at their slowest safe speed to minimize wake when in the vicinity of a dredge and proceed after passing arrangements have been made.

CHART 18524

COLUMBIA RIVER CHANNEL DEPTHS GULL ISLAND TURN AND CHANNEL TO SAINT HELENS TURN TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APRIL 30, 2004								
CONTROLLING DEPTHS IN FEET AT COLUMBIA RIVER DATUM (CRD) * SEE FOOTNOTE					PROJECT DIMENSIONS			
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (STAT. MILES)	DEPTH CRD (FEET)
GULL I TURN AND CHANNEL	46	46	41	37	4-04	600	2.2	40
STELLA RANGE	36	39	40	39	4-04	600	2.8	40
FISHER I CHANNEL	36	38	40	40	4-04	600	0.9	40
WALKER I CHANNEL	38	42	39	38	4-04	600	1.5	40
BARLOW PT. CHANNEL	43	45	39	39	4-04	600	1.3	40
SLAUGHTERS CHANNEL	38	41	39	36	4-04	600	2.3	40
SLAUGHTERS TURN AND CHANNEL OPPOSITE THE TURNING BASIN	39	39	41	39	4-04	600	1.7	40
COTTONWOOD ISLAND LOWER RANGE	30	39	40	38	4-04	600	1.7	40
COTTONWOOD ISLAND TURN	43	42	39	39	4-04	600	2.7	40
COTTONWOOD ISLAND UPPER RANGE	42	42	41	42	4-04	600	1.6	40
KALAMA LOWER RANGE	43	41	40	36	4-04	600	1.8	40
KALAMA UPPER RANGE	39	43	42	39	4-04	600	2.2	40
BYBEE LEDGE CHANNEL	40	41	42	41	4-04	600	2.1	40
MARTIN ISLAND CHANNEL	41	41	40	38	4-04	600	2.1	40
MARTIN ISLAND RANGE	40	41	41	42	4-04	600	1.4	40
COLUMBIA CITY CHANNEL	39	41	39	40	4-04	600	1.2	40
ST. HELENS RANGE	39	40	41	37	4-04	600	2.0	40
ST. HELENS TURN	43	43	41	38	4-04	600	1.7	40

* CONTROLLING DEPTHS ROUNDED TO NEAREST FOOT
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

CHART 18588

COQUILLE RIVER CHANNEL TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF SEP 2002 AND SURVEYS TO JULY 2003							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
A ENTRANCE CHANNEL	14	15	14	7-03	200	0.33	13.0
ENTRANCE CHANNEL TO PORT DOCK (43°07'15.9"N, 124°24'50.5"W)	14	12	8	7-03	200	0.63	13.0
THENCE TO END OF PROJECT	12	13	14	5-03	150	0.36	13.0

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