



U.S. Department
of Homeland Security
**United States
Coast Guard**

LOCAL NOTICE TO MARINERS

District: 13

Week: 03/10

ISSUED BY: COMMANDER, THIRTEENTH COAST GUARD DISTRICT (dpw)
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LIGHT LIST REFERENCE: COMDTPUB P16502.6, Light List Volume VI, 2009 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.

Originating Unit	Beginning BNM	Ending BNM
CGD THIRTEEN	D13-0038-10	D13-0093-10

ABBREVIATIONS

A through H

ACOE - Army Corps of Engineers
ADRIFT - Buoy Adrift
AICW - Atlantic Intracoastal Waterway
AI - Alternating
B - Buoy
BKW - Breakwater
bl - Blast
BNM - Broadcast Notice to Mariner
bu - Blue
C - Canadian
CHAN - Channel
CGD - Coast Guard District
C/O - Cut Off
CONT - Contour
CRK - Creek
CONST - Construction
DBN/Dbn - Daybeacon
DBD/DAYBD - Dayboard
DEFAC - Defaced
DEST - Destroyed
DISCON - Discontinued
DMGD/DAMGD - Damaged
ec - eclipse
EST - Established Aid
ev - every
EVAL - Evaluation
EXT - Extinguished
F - Fixed

I through O

I - Interrupted
ICW - Intracoastal Waterway
IMCH - Improper Characteristic
INL - Inlet
INOP - Not Operating
INT - Intensity
ISL - Islet
Iso - Isophase
kHz - Kilohertz
LAT - Latitude
LB - Lighted Buoy
LBB - Lighted Bell Buoy
LHB - Lighted Horn Buoy
LGB - Lighted Gong Buoy
LONG - Longitude
LNM - Local Notice to Mariners
LT - Light
LT CONT - Light Continuous
LTR - Letter
LWB - Lighted Whistle Buoy
LWP - Left Watching Properly
MHz - Megahertz
MISS/MSNG - Missing
Mo - Morse Code
MSLD - Misleading
N/C - Not Charted
NGA - National Geospatial-Intelligence Agency
NO/NUM - Number

P through Z

PRIV - Private Aid
Q - Quick
R - Red
RACON - Radar Transponder Beacon
Ra ref - Radar reflector
RBN - Radio Beacon
REBUILT - Aid Rebuilt
RECOVERED - Aid Recovered
RED - Red Buoy
REFL - Reflective
RRL - Range Rear Light
RELIGHTED - Aid Relit
RELOC - Relocated
RESET ON STATION - Aid Reset on Station
RFL - Range Front Light
RIV - River
s - seconds
SEC - Section
SHL - Shoaling
si - silent
SIG - Signal
SND - Sound
SPM - Single Point Mooring Buoy
SS - Sound Signal
STA - Station
STRUCT - Structure
St M - Statute Mile
TEMP - Temporary Aid Change

fl - flash
Fl - Flashing
G - Green
HAZ - Hazard to Navigation
HBR - Harbor
HOR - Horizontal Clearance
HT - Height

NOS - National Ocean Service
NW - Notice Writer
OBSCU - Obscured
OBST - Obstruction
OBSTR - Obstruction
Oc - Occulting
ODAS - Anchored Oceanographic Data Buoy

TMK - Topmark
TRLB - Temporarily Replaced by Lighted Buoy
TRLT - Temporarily Replaced by Light
TRUB - Temporarily Replaced by Unlighted Buoy
W - White
Y - Yellow

Additional Abbreviations Specific to this LNM Edition: None

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

OREGON - SIUSLAW RIVER - Bridge Information

The U.S. 101 Bridge at Florence, OR over the Siuslaw River is authorized to provide single-leaf only openings from 25 Jan 10 until 23 Jul 10 during a major maintenance project.

Chart 18583

LNM: 03/10

COLUMBIA RIVER – Dredging at Longview, WA

J.E. McAmis Inc. will commence dredging in the Columbia River in the vicinity of Longview, WA from RM 65+00 to RM 67+05 until approximately 12 Oct 10. The Dredge Paula Lee and scows WF-9 and CK-7 will be monitoring VHF-FM channels 13 and 16. Mariners are requested to use caution and reduce wake when transiting the area. For additional information, contact J.E. McAmis Inc. at (503) 891-5061.

Chart 18524

LNM: 03/10

COLUMBIA RIVER – Dredging at the Port of Kalama

Ross Island Sand & Gravel Co., will commence dredging at the Port of Kalama, WA on the Columbia River in the vicinity of RM 77 from 20 Jan 10 to 28 Feb 10, Monday through Friday, from 0700 to 1700 daily. The Dredge "10" will be monitoring VHF-FM channels 13, 16 and 79. Mariners are requested to use caution and reduce wake when transiting the area. For additional information, contact Ross Island Sand & Gravel Co. at (503) 706-7291.

Chart 18524

LNM: 03/10

COLUMBIA RIVER – Temporary establishment of Warrior Rock Reef Buoys 2 and Lighted Buoy 4T

The U.S. Coast Guard has temporarily established Warrior Rock Reef Buoy 2 in position 45-50-33.745N 122-47-16.603W and Warrior Rock Reef Lighted Buoy 4T in position 45-50-18.600N 122-47-25.150W with a flash characteristic of flashing red four (4) seconds. These buoys were established to create a line of sight for mariners during the dredging operations being conducted in the vicinity of Warrior Rock in the Columbia River.

Charts: 18524 18525

LNM: 03/10

COLUMBIA RIVER – Dredging at the Port of Vancouver

Ross Island Sand & Gravel Co., will commence dredging at the Port of Vancouver on the Columbia River in the vicinity of RM 105 from 21 Jan 10 to 28 Feb 10, Monday through Friday, from 0700 to 1700 daily. Dredge "6" will be stationary at Terminal 2, while the Dredge "9" will be moving between Terminal 2 and Terminal 3. The Dredge "6" and Dredge "9" will be monitoring VHF-FM channels 13, 16 and 79. Mariners are requested to use caution and reduce wake when transiting the area. For additional information, contact (503) 706-7291.

Charts: 18525 18526

LNM: 03/10

COLUMBIA RIVER - WARRIOR POINT TO BACHELOR POINT – Safety Zone for blasting and dredging (Revised from LNM 52/09)

The U.S. Army Corps of Engineers is conducting a channel improvement project in the Columbia River from Warrior Point to Bachelor Point that will include blasting of the river bed with explosives. This project will continue until 15 Mar 10. A Safety Zone has been established by the U.S. Coast Guard Captain of the Port, Portland OR from Duck Club Light 6 (LLNR 11085), east across to Bachelor Island, thence downstream following the shoreline to Austin Point and across the river to Warrior Point. All mariners are advised that the channel will be narrowed down to one lane in this entire area and that all passing arrangements need to take place in time to pass before or after they have transited the area. The safety boat on scene must be contacted prior to transiting the waterway to ensure it is safe for transit and can be reached for passing information and other requests at the phone number (503) 396-9893 or VHF-FM channel 16. Access to the Columbia River from Lake River and Lewis River will be allowed with permission from the Captain of the Port, Portland OR via the safety boat at (503) 396-9893 or VHF-FM Channel 16. Safety Zone Signs have been placed in the following approximate positions:

45-50.578N 146.915W 45-49.630N 122-47.308W 45-50.034N 122-47.730W 45-50.967N 122-47.288W

From approximately 14 Jan 10 to 15 Feb 10, the Washington side of the channel will be closed for drilling and blasting operations. Mariners are urged to use extreme caution in the area, transit at their slowest safe speed to minimize wake and proceed with caution after passing

arrangements have been made. For additional information contact the U.S. Army Corps of Engineers, Portland District at (503) 808-5150 or at the email address DLL-CENWPQuestions@nwp01.usace.army.mil. Detailed information including the blasting schedule is available at the web site: <http://www.crci-project.info/>.

Charts: 18524 18525

LNM: 03/10

WASHINGTON - PUGET SOUND - DUWAMISH WATERWAY - South Park Bridge replacement

King County has applied to the Coast Guard for a permit to replace the South Park existing drawbridge on the Duwamish Waterway RM 3.8, with a new one near the same location. A public notice was published 14 Jan 10. Comments on the proposed project may be sent to our address. For a copy of the public notice (10-N-01) contact Austin Pratt at (206)220-7282 or at William.a.pratt@uscg.mil. The comment period expires 15 Feb 10.

Chart 18450

LNM: 03/10

CANADA – VANCOUVER HARBOR – Olympic Security Zones

Olympic Security Zones have been established in Vancouver Harbor, Canada in the vicinity of Canada Place and around Ballantyne Pier from the northwest end of the Centerm facility to the Southern Railway Dock. This restricted area is marked by lighted buoys and a floating marine barrier. Mariners are requested to keep clear of this barrier by 50 meters.

LNM: 03/10

OREGON – WILLAMETTE RIVER – Union Pacific Steel Bridge closure

The lower deck of the Union Pacific vertical lift bridge at RM 12.1 need not open for vessels from 0900 to 1100 on 14 Feb 10 ,to accommodate a public event on the pedestrian and bicycle walkway.

Chart 18526

LNM: 02/10

WASHINGTON-PUGET SOUND-DUWAMISH WATERWAY-Dredging in upper Duwamish Waterway

American Construction Company Inc. , will be conducting dredging operations in the upper Duwamish Waterway commencing Monday 11 Jan 10 through Sunday 31 Jan 10. The dredge Mukilteo and tug West Point will be monitoring VHF-FM 80. Mariners are advised to use caution when transiting the vicinity and contact dredge Mukilteo or tug West Point for passing arrangements.

Charts: 18449 18450

LNM: 02/10

TERMINATION OF ALL U.S. LORAN-C SIGNALS

In accordance with the 2010 Department of Homeland Security appropriations act, the U.S. Coast Guard will terminate the transmission of all U.S. Loran-C signals effective 2000Z 08 Feb 2010. At that time, the U.S. Loran-C signal will be unusable and permanently discontinued. This termination does not affect U.S. participation in the Russian-American or Canadian Loran-C chains. U.S. participation in these chains will continue temporarily in accordance with international agreements.

LNM: 02/10

WASHINGTON – PUGET SOUND - HOOD CANAL – Hood Canal Floating Bridge partial closure.

The Hood Canal Floating Bridge west span is inoperable due to unscheduled maintenance. Current openings are limited to the 300 feet of the east span, with a one hour prior notification. The west span may be opened to provide a 600 foot clearance with three hours of prior notification. This partial closure is expected to continue until approximately 01 Mar 10.

Charts: 18445 18476

LNM: 02/10

WASHINGTON - PUGET SOUND – TACOMA – Dredging in Blair Waterway

Manson Construction Company will be conducting dredging operations in the Blair Waterway, adjacent to the existing Hyundai Dock. Dredging will commence 13 Jan 10, 24 hours a day Monday through Saturday until approximately 09 Feb 10. The dredge Viking, tug Wollochet and survey vessel Lester M will be monitoring VHF-FM channels 13 and 14. Mariners are advised to use caution when transiting the waterway and are requested to contact the dredge Viking or tug Wollochet when passing in the vicinity.

Charts: 18445 18453

LNM: 02/10

COLUMBIA RIVER – ASTORIA RANGE – Dredging at U.S. Coast Guard Tongue Point Facility

Hickey Marine is conducting dredging operations at the piers at the U.S. Coast Guard Tongue Point Facility, Columbia RM 17.5 from 11 Jan 10 to approximately 31 Jan 10. Hours of operation will be 24 hours a day, 5 to 7 days a week. The derrick dredge Sea Horse and tug Husky will be monitoring VHF-FM channels 13 and 16. Mariners are requested to use caution and reduce wake when transiting the area. For additional information, contact Hickey Marine at (360) 695-4533.

Chart 18521

LNM: 01/10

WASHINGTON – LAKE UNION - Diving Operations

The Office of Environmental Assessment, U.S. EPA Region 10, will be conducting diving operations at several sites in Lake Union from 0900 to

1530 on 20 and 21 Jan 10. These dive operations are to support bottom surveys in north Lake Union for the Washington Department of Natural Resources and the Center for Wooden Boats, where sunken vessels are known or suspected to be present. The specific sites are:

47°38-41.745N 122°20-16.142W 47°38-41.501N 122°20-17.485W 47°38-41.181N 122°20-18.393W
 47°38-47.727N 122°20-24.370W 47°38-37.599N 122°20-54.140W 47°38-42.728N 122°20-22.528W
 47°38-39.499N 122°20-10.460W

A remotely operated vehicle and a stand-alone side scan sonar will be deployed from the R/V Monitor and R/V Wooldridge. These vessels may be at anchor during these operations and restricted in their ability to maneuver. The R/V Monitor and Wooldridge will be monitoring VHF-FM channels 13, 14 and 16. Mariners are requested to slow to minimum speed to reduce wake and use extreme caution when transiting the area. For additional information contact the Office of Environmental Assessment at (206) 553-0218.

Chart 18447

LNM: 01/10

WASHINGTON – POINT ROBINSON - DGPS off Air time (revised from LNM 51/09)

The U. S. Coast Guard NAVCEN has rescheduled its previous off-air times for the DGPS Point Robinson, WA site. DGPS Point Robinson site is authorized off air time from 0900 to 2100 on 09 Feb 10 with an alternate date of 0900 to 2100 on 10 Feb 10 for scheduled maintenance. There will be no significant loss of coverage due to double coverage in the area. For additional information or objections, contact Navigation Center DGPS Operations at (707) 765-7616.

LNM: 52/09

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)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
620	Umpqua River Light	LT EXT	18584	0083-10	03/10	
675	Cape Meares Light	REDUCED INT	18558	0048-10	03/10	
765	Duntze Rock Lighted Whistle Buoy 2D	REDUCED INT	18485	0368-09	25/09	
765.2	NOAA Environmental Lighted Buoy 46005	MISSING			52/08	
8635	Chetco River Entrance Daybeacon 9	MISSING/TRUB	18602	0997-08	53/08	
8740	Coos Bay Entrance Range Front Light	DBN DMGD	18587	0086-10	03/10	
8740	Coos Bay Entrance Range Front Light	LT EXT	18587	0091-10	03/10	
8755	Coos Bay North Jetty Lighted Whistle Buoy 3	LT EXT	18587	0013-10	02/10	
8815	Coos Bay Range A Front Light	REDUCED INT	18587	0790-09	40/09	
9135	South Slough Light 1	TRUB/LT EXT/DBN DMGD	18587	0882-08	47/08	
9260	Umpqua River Light	LT EXT	18584	0083-10	03/10	
9815	Tillamook Bay Entrance Lighted Bell Buoy 1	OFF STA	18558	0938-09	47/09	
10010	Desdemona Sands Lighted Buoy 27	MISSING	18521	0073-10	03/10	
10220	Miller Sands Channel Lighted Buoy 6	BUOY DMGD	18523	0741-09	38/09	
11620	Cape Horn Range Rear Light	DBN DEST	18531	0985-09	50/09	
13686	Little Goose Dam Buoy I	OFF STA		0235-09	17/09	
14432	Baker Bay West Channel Buoy 6A	OFF STA	18521	0075-10	03/10	
14780	Cathlamet Bay Prairie Channel Daybeacon 14	TRUB/DBN DEST	18523	0153-09	08/09	
15585	Point Chehalis Range Front Light	DBN DEST	18502	0950-09	48/09	
15585	Point Chehalis Range Front Light	REDUCED INT	18502	1012-09	50/09	
15985	Grays Harbor Regulated Boating Area Warning Sign (2)	LT EXT	18502	1052-09	01/10	
16150	Duntze Rock Lighted Whistle Buoy 2D	REDUCED INT	18485	0368-09	25/09	
18860	Swinomish Channel South Entrance Buoy 22	ADRIFT	18427	0081-10	03/10	
19385	Center Island Reef Daybeacon	STRUCT MISSING	18429	0051-10	03/10	

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
620	Umpqua River Light	RELIGHTED	18584	0061-10	03/10	03/10
675	Cape Meares Light	RELIGHTED	18558	0048-10	02/10	03/10
8775	Coos Bay Channel Lighted Bell Buoy 5	WATCHING PROPERLY	18587	0062-10	03/10	03/10
9260	Umpqua River Light	RELIGHTED	18584	0061-10	03/10	03/10
9950	Sand Island Range Rear Light	RELIGHTED	18521	0077-10	03/10	03/10
9995	Desdemona Sands Light	WATCHING PROPERLY	18521	0055-10	02/10	03/10
11175	Hutchinson Dike Light 30	RELIGHTED	18525	0044-10	02/10	03/10
11730	Warrendale Upper Range Front Light	RELIGHTED	18531	0090-10	03/10	03/10
11749	Bonneville Lock Entrance Light 94	RELIGHTED	18531	0089-10	03/10	03/10
11995	Bingen Range Rear Light	RELIGHTED	18532	0092-10	03/10	03/10
12400	Lake Umatilla Lighted Buoy 2	RELIGHTED	18535	0071-10	02/10	03/10
12580	Lake Umatilla Light 39	RELIGHTED	18537	0063-10	02/10	03/10
12815	Lake Wallula Lighted Buoy 2	RELIGHTED	18541	0054-10	02/10	03/10
13425	Lake Sacajawea Light 47	RELIGHTED	18545	0053-10	03/10	03/10
13570	Lower Monumental Light 19	RELIGHTED	18546	0056-10	03/10	03/10
13650	Lower Monumental Light 40	WATCHING PROPERLY	18546	0057-10	03/10	03/10
13840	Little Goose Reservoir Light 30	RELIGHTED	18547	0058-10	03/10	03/10
15545	Grays Harbor Bar Range Rear Light	WATCHING PROPERLY	18502	0078-10	03/10	03/10
16550	Point No Point Light	WATCHING PROPERLY	18477	0085-10	03/10	03/10
19280	Bellingham Breakwater North Entrance Light 4	RELIGHTED	18424	0088-10	03/10	03/10
19475	Lydia Shoal Lighted Gong Buoy 13	RELIGHTED	18430	0042-10	02/10	03/10

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
687	Seaside Data Lighted Buoy	MISSING	18520	1018-09	51/09	
8970	North Bend Outfall Light	LT EXT	18587	0023-10	02/10	
17255	Steilacoom North Mooring Buoy	MISSING	18448	0828-09	42/09	
18465	Mukilteo Ferry Dolphin Light	LT IMCH	18443	0817-08	44/08	
18598	Tulalip Tribes Breakwater Light A	LT IMCH	18443	1018-07	47/07	
18955	Anacortes Ferry Terminal Lights (2)	LT IMCH	18427	0607-06	23/06	
19360	Skyline Marina Light 1	LT EXT/DBN DEST	18427	0157-09	08/09	

DISCREPANCIES (PRIVATE AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
18725	Oak Harbor Marina North Entrance Light 2	RELIGHTED	18428	0093-10	03/10	03/10

PLATFORM DISCREPANCIES

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

PLATFORM DISCREPANCIES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

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
586	Port Orford Jetty Light 3	DISCONTINUED	18589	1129-07	22/08	
19385	Center Island Reef Daybeacon	TRUB	18429	0051-10	03/10	

TEMPORARY CHANGES CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
11075	Warrior Rock Reef Lighted Buoy 4	Reestablished	18525	0067-10	47/09	03/10

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	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 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 Mariners
12327	91st Ed.	19-APR-97	Last LNM: 26/97	NAD 83		27/97
Chart Title: NY-NJ-NEW YORK HARBOR - RARITAN RIVER						
Main Panel 2245 NEW YORK HARBOR					CGD01	
(Temp) ADD	NATIONAL DOCK CHANNEL BUOY 3				at 40-41-09.001N	074-02-48.001W
	Green can					
Corrective Action	Object of Corrective 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.

18524 **36th Ed.** **01-DEC-06** **Last LNM: 36/09** **NAD 83** **03/10**

Chart Title: Columbia River Crims Island to Saint Helens

CHART OR-WA-COLUMBIA RIVER CRIMS ISLAND TO SAINT HELENS. Page/Side: N/A

DELETE	East Fisher Island Slough Pollution Response Buoy at	CGD13 46-09-41.230N	123-02-41.297W
DELETE	West Fisher Island Slough Pollution Response Buoy at	CGD13 46-10-21.825N	123-05-04.937W

18561 **12th Ed.** **01-NOV-03** **Last LNM: 46/09** **NAD 83** **03/10**

Chart Title: Approaches to Yaquina Bay; Depoe Bay

Main Panel 1789 APPROACHES TO YAQUINA BAY. Page/Side: N/A

DELETE	Sounding in Fathoms & Feet; 2_3 (NOS NW-18585)	NOS 44-36-12.100N	124-05-11.400W
ADD	Sounding in Fathoms & Feet; 2_1 (NOS NW-18585)	NOS 44-36-15.300N	124-05-10.500W
ADD	Sounding in Fathoms & Feet; 3_5 (NOS NW-18585)	NOS 44-35-36.100N	124-05-45.900W

18580 **22nd Ed.** **01-DEC-05** **Last LNM: 26/09** **NAD 83** **03/10**

Chart Title: Cape Blanco to Yaquina Head

Main Panel 1791 CAPE BLANCO TO YAQUINA HEAD. Page/Side: N/A

SUBSTITUTE	Sounding in Fathoms & Fractions; 2 1/4 for 2 1/2 (NOS NW-18585)	NOS 44-36-15.300N	124-05-10.500W
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18581 **18th Ed.** **01-OCT-08** **Last LNM: 50/09** **NAD 83** **03/10**

Main Panel 1792 YAQUINA BAY AND RIVER. Page/Side: N/A

SUBSTITUTE	Sounding in Feet; 13 for 20 (NOS NW-18585)	NOS 44-36-15.300N	124-05-10.500W
SUBSTITUTE	Sounding in Feet; 23 for 31 (NOS NW-18585)	NOS 44-35-36.100N	124-05-45.900W
SUBSTITUTE	Sounding in Feet; 26 for 34 (NOS NW-18585)	NOS 44-36-28.000N	124-05-06.300W
ADD	Rock in Feet; 12 Rk Chart No. 1: K14.2 (NOS NW-18585)	NOS 44-36-49.700N	124-04-26.400W

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

<u>Approved Project(s)</u>	<u>Project Date</u>	<u>Ref. LNM</u>
None		
<u>Advance Notice(s)</u>		
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 unless otherwise noted (see banner page for address).

PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

<u>Proposed Project(s)</u>	<u>Closing</u>	<u>Docket No.</u>	<u>Ref. LNM</u>
None			

Proposed Change Notice(s)

WASHINGTON-PUGET SOUND-OAK HARBOR-Oak Harbor Light 12

The U.S. Coast Guard is proposing to change the nominal range of Oak Harbor Light 12 (LLNR 18715) from four (4) to three (3) nautical miles to accommodate the installation of a Light Emitting Diode (LED) lantern (DP-13-10-17-D).

Chart 18444 LNM: 03/10

WASHINGTON-PUGET SOUND-OAK HARBOR-Oak Harbor Light 11

The U.S. Coast Guard is proposing to change the nominal range of Oak Harbor Light 11 (LLNR 18710) from five (5) to four (4) nautical miles to accommodate the installation of a Light Emitting Diode (LED) lantern (DP-13-13-16-D).

Chart 18444 LNM: 03/10

OREGON-YAQUINA HEAD TO COLUMBIA RIVER-Cape Meares Light

The U.S. Coast Guard is proposing to change the nominal range of Cape Meares Light (LLNR 675) from twelve (12) to nine (9) nautical miles to accommodate the installation of a new lantern (DP-13-10-14-D)

Charts: 18520 18523 LNM: 02/10

COLUMBIA RIVER – HARRINGTON POINT TO CRIMS ISLAND – Pillar Rock Lower Range Front Light

The U.S. Coast Guard is proposing to change the visibility of Pillar Rock Lower Range Front Light (LLNR 10235) from visible all around; higher intensity on rangeline to visible 5.5 degrees each side of range line. This change is to align the intensities of the range lights. (DP-13-10-13-D)

Chart 18523 LNM: 52/09

OREGON - WILLAMETTE RIVER – Rock Island Channel Buoys 1 through 15

The U.S. Coast Guard is proposing to change the dates that Rock Island Channel Buoys 1 through 15 (LLNR 15080 through 15130) are maintained from May 15 to Nov 15 to maintained from May 15 thru Oct 15. This proposal is to better mark the waterway. (DP-13-10-11-D)

Chart 18528 LNM: 50/09

WASHINGTON – STRAIT OF JUAN DE FUCA – PORT ANGELES – Coast Guard Mooring Basin Light 3

The U.S. Coast Guard is proposing to change the nominal range of Coast Guard Mooring Basin Light 3 (LLNR 16294) from three (3) to four (4) nautical miles to accommodate the installation of a Light Emitting Diode (LED) lantern. (DP-13-10-12-D)

Chart 18468 LNM: 50/09

SECTION VII - GENERAL

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

Bridge Lighting Discrepancies

Lights on the following bridges have been reported extinguished:

Waterway	Bridge Name	Location	Status	Date reported	BNM
Coos Bay	Coos Bay RR Bridge	Coos Bay, OR	EXT/Bell INOP	06/14/07	0595-07
Umpqua River	CO and PRR Bridge	Reedsport	EXT	09/11/09	0698-09
Siuslaw	CO and P RR Bridge	Acme, OR	EXT	04/06/09	0221-09
Yaquina Bay	Yaquina Bay Bridge	Newport, OR	EXT	12/03/09	0969-09
Columbia River	Kalan Union Pacific RR Bridge	Burbank, WA	EXT	01/17/10	0080-10
Columbia River	Pasco-Kennewick Intercity Bridge	Kennewick, WA	EXT	12/01/09	0963-09
St. Joe River	St. Joe River Bridge	Chatcolet, ID	EXT	11/12/09	0917-09
Hood Canal	Hood Canal Bridge	Bangor, WA	EXT	10/19/09	0838-09

LNM: 03/10

Bridge Lighting Discrepancies Corrected

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

Waterway	Bridge Name	Location	Status	Date reported	BNM
Columbia River	Kettle Falls RR Bridge RM 703.3	Kettle Falls, WA	LWP	01/19/10	N/A
Pend Oreille River	Spokane International RR Bridge	Sandpoint, ID	LWP	01/19/10	N/A
Pend Oreille River	Merriett Brothers Bridge	Priest River, ID	LWP	01/19/10	N/A

LNM: 03/10

OREGON – COQUILLE RIVER - Bullards Ferry Drawbridge Notice of Proposed Rulemaking

A Notice of Proposed Rulemaking has been published in the Federal Register on December 10, 2009 (74FR65497) for the Bullards Ferry Drawbridge, Coquille River RM 3.5, Bandon, OR that if approved would allow the Oregon Dept of Transportation to keep the vertical lift span in the closed position for painting. This would allow the containment system to remain in place throughout the 10-month project. The draw has not been requested to open in seven years. Interested parties may comment on the proposal by following the instructions at <http://edocket.access.gpo.gov/2009/E9-29414.htm>. Comments should not be mailed to this district office, but should be submitted to the docket management facility in Washington, DC. Contact Austin Pratt at (206)220-7282 if you need assistance. The comment period expires February 8, 2010.

Chart 18588

LNM: 50/09

COLUMBIA RIVER – Astoria Megler Bridge painting

A painting containment system may be installed at various locations on the Astoria Megler Bridge, Columbia River mile 13.5, except the main span, until 30 Nov 11. This will reduce vertical clearance by ten feet. The main navigation span will not be affected. Installations will be marked at each corner by flashing red lights.

Chart 18521

LNM: 43/09

OREGON - WILLAMETTE RIVER - Union Street Bridge RM 84.3 Salem, OR Bridge Information

A debris containment system will be in place under the Union Street Bridge at RM 84.3 until 30 Sep 10. This may reduce vertical clearance by five feet but at least one span will be unobstructed for navigation during the project.

LNM: 33/09

WASHINGTON - HOOD CANAL – Hood Canal Floating Bridge East Span vertical clearance reduction

Construction work on the Hood Canal Floating Bridge East Span has reduced the vertical clearance limits for that span of the bridge. The east transition span is sloped so that the landward side has the highest vertical clearance. The new vertical clearances are 50.7 FT for the bridge side and 52.9 FT for the landward side. This is a reduction of approximately 4.3 FT. All vertical measurements are taken from Mean High Water (MHW).

Charts: 18441 18445 18473 18476 18477

LNM: 44/09

WASHINGTON - PUGET SOUND - CHAMBERS CREEK - Burlington Northern Santa Fe Drawbridge Information

A Notice of Proposed Rulemaking has been published in the Federal Register on 08 Dec 09 (74FR64641) for changing the operating rules for the BNSF RR vertical lift bridge near Steilacoom, Washington. The change, if approved, would require that two-hour notice be provided for all draw openings from 1530 to 0700 daily. Openings on signal would be provided at all other times. Persons wishing to comment on the proposed rule should refer to the instructions in the full text and follow the procedure for making written comments found at <http://edocket.access.gpo.gov/2009/E9-29128.htm>. Do not send comments to the 13th Coast Guard District. The comment period expires 08 Feb 10.

Chart 18445

LNM: 49/09

COLUMBIA RIVER - The Dalles Lock and Dam Spill Wall Construction

General Construction Company will be working on the Dalles Lock and Dam Spill Wall and Spill Wall project until 20 Mar 10. Work will occur within the Boat Restricted Zone of the Dam and Lock. Two Derrick Barges Cranes and other equipment will be on scene. Prior notice of all vessel traffic through The Dalles Dam Lock would be appreciated by General Construction. Derrick barges will monitor VHF Channel 14 and will be in constant

COLUMBIA RIVER - The Dalles Lock and Dam Spill Wall Construction

contact with The Dalles Dam control room. For additional information, contact General Construction Company at (360) 779-3200.

Charts: 18532 18533

LNM: 33/09

COLUMBIA AND SNAKE RIVERS – Winter Seasonal Lockage Schedule for Recreational Craft

The U.S. Army Corps of Engineers, Walla Walla and Portland Districts, has implemented the winter seasonal lockage schedule, which is effective from 16 Sep 09 to 14 May 10 for the passage of recreational craft through the navigation locks. Winter recreational vessel lockage will be made during daylight hours only, on request at each of the Walla Walla District locks. For the lockage schedule and additional information, visit the following website <http://www.nww.usace.army.mil/html/offices/op/t/navdata/default.html> or contact the Walla Walla District at (509) 527-7115 / 7114.

LNM: 35/09

COLUMBIA RIVER - SNAKE RIVER - Lockage Closures

The U.S. Army Corps of Engineers, Walla Walla District, has scheduled lock closures for the McNary Lock, Ice Harbor Lock, Lower Monumental Lock, Little Goose Lock and Lower Granite Locks. All five navigation locks will close for general maintenance, inspection and repairs commencing 0600 on 06 Mar 10. Ice Harbor Lock and Lower Monumental Locks are expected to open at 2359 on 27 Mar 10, while the McNary Lock, Little Goose Lock and Lower Granite Locks are expected to open at 2359 on 20 Mar 10. In addition, the Lower Monumental Lock will be experiencing closures from 02 Jan 10 until 31 Jan 10 as noted in Local Notice to Mariners 49/09. For the lockage schedule and additional information, visit the following website <http://www.nww.usace.army.mil> or contact the Walla Walla District at (509) 527-7114 / 7115. (Public Notice 10-01)

Charts: 18539 18541 18545 18546 18547

LNM: 50/09

SNAKE RIVER – LOWER MONUMENTAL LOCK - Lockage Closure

The U.S. Army Corps of Engineers, Walla Walla District, has scheduled lock closures for Lower Monumental Navigation Lock commencing 02 Jan 10 until 31 Jan 10. The closure times will be from 0600 until 1800, Monday through Saturday with normal operations beginning 31 Jan 10. This closure is to conduct preparatory work and concrete removal at the spill area on the navigation lock wall. Other closures will be scheduled in Mar 10. For a Public Notice and additional information, visit the following website <http://www.nww.usace.army.mil/html/offices/op/t/navdata/default.html> or contact the Walla Walla District at (509) 527-7114 / 7115.

Charts: 18545 18546

LNM: 49/09

OREGON – COOS BAY – Deployment of subsurface equipment

The US Geological Survey in Coos Bay, OR has deployed 12 unlit surface buoys that support subsurface research equipment in the positions listed below. All of the buoys are yellow plastic with reflective tape and USGS contact information on them. The buoys are to be maintained from Oct 09 to Nov 10. For additional information contact the US Geological Survey, Western Fisheries Research Center at 509-538-2299 ext. 209 or email bvanderleeuw@usgs.gov.

Chart 18587

LNM: 44/09

COLUMBIA RIVER – COLUMBIA RIVER ENTRANCE – Installation of Waverider Buoy

Scripps Institution of Oceanography has installed a Waverider buoy for the U.S. Army Corps of Engineers at the entrance to the Columbia River in approximate position 46-12-57.3N 124-07-41.3W, at a depth of 13.5 fathoms. The buoy is a 3-foot diameter yellow sphere marked "Wave Buoy", with attached antenna and is equipped with a flashing yellow light, with five flashes every 20 seconds (FI Y (5) 20s). Mariners are requested to keep clear of the buoy. For more information contact the U.S. Army Corps of Engineers at 503-808-4348 or 858-534-3032.

Chart 18521

LNM: 41/09

COLUMBIA RIVER – ASTORIA – Dredging at Port of Astoria

The Port of Astoria has commenced maintenance dredging of the Port Docks from until 28 Feb 10 during ebb tides. Specific areas of work include the face of Piers 1 and 2, Slip 1 and Slip 2. The dredge Felkin will monitor channels 16 & 74 VHF-FM. For additional information, contact the Mr. Alejandro Bancke at the Port of Astoria (503) 325-4521.

Chart 18521

LNM: 43/09

COLUMBIA RIVER – Dredging in Baker Bay, Chinook Channel and West Port Slough (revised from LNM 44/09)

American Construction Co. will be conducting dredging operations at Baker Bay from 22 Jan 10 to 05 Feb 10, Chinook Channel from 06 Feb 10 to 17 Feb 10 and West Port Slough from 18 Feb 10 to 27 Feb 10. These dates are changes from the prior December-January schedule. The dredge Patriot and tug Doreen Brusco will be monitoring VHF-FM channels 16 and 82. Mariners are requested to use caution and reduce wake when transiting the area. For additional information, contact American Construction Co., Inc at (425) 293-5000.

Charts: 18521 18523

LNM: 50/09

COLUMBIA RIVER – PUGET ISLAND– Construction at Puget Island Ferry Landing

Bergerson Construction, Inc. is performing waterfront construction activities for the replacement of the Puget Island Ferry Landing at RM 43.5 until late Feb 2010. Activities will include piledriving, demolition, and concrete placement all performed from waterborne equipment. Construction personnel will be monitoring VHF channels 16 and 17 during working hours. Additionally, a temporary landing facility will be installed while the main landing is under construction. Mariners are requested to use caution and reduce wake when transiting this area. For additional information, contact Bergerson Construction at (503) 325-7130.

Chart 18523

LNM: 45/09

COLUMBIA RIVER - LONGVIEW – Construction at Port of Longview Berth 9

Bergerson Construction, Inc. is performing waterfront construction activities associated with the new Berth 9 grain facility at the Port of Longview at RM 67.5, through Jun 10. Activities will include piledriving, structural steel and concrete placement. Construction personnel will be monitoring

COLUMBIA RIVER - LONGVIEW – Construction at Port of Longview Berth 9

VHF channels 16 and 17 during working hours. Mariners are requested to use caution and reduce wake when transiting this area. For additional information, contact Bergerson Construction at (503) 325-7130.

Chart 18524

LNM: 45/09

COLUMBIA RIVER - HOOD RIVER (Revised from LNM 28/09)

Mariners are advised to use caution in the vicinity of Hood River and use the navigational ranges through the Hood River Bridge due to shoaling extending from the mouth of the Hood River. Hood River Buoy 36 (LLNR 11932) has been relocated to position 45-43-19.541N 121-30-26.079W to best mark the channel due to shoaling.

Chart 18532

LNM: 31/09

WASHINGTON - PACIFIC COAST - Research Drift Buoys

As part of a research project to study the movement of harmful algal blooms (HABs) along the Washington coast the NOAA-Northwest Fisheries Science Center will be deploying 3 drift buoys beginning 08 Aug 2009 in the following locations: 48 30.00 N 125 15.00 W, 48 15.00 N 125 30.00 W and 48 00.00 N 125 30.00 W. Viewed from the surface a drift buoy appears as 4, 6-inch orange floats one each at the corner of an imaginary 3 foot square. A 3-inch diameter tube with telemetry antennae is located in the center extending approximately 2 feet above the surface and approximately 3 feet below the surface. If found floating please do not retrieve them. They are integral to tracking potential harmful algal blooms on the Washington coast. For more information contact Northwest Fisheries Science Center at (206)860-6788.

Charts: 18460 18480

LNM: 31/09

WASHINGTON – GRAYS HARBOR – Dredging in Inner Harbor

The American Construction Co., Inc. will be conducting dredging operations in Grays Harbor, Inner Harbor at Cow Point Reach and Cow Point Turning Basin, commencing 30 Dec 09. Work will be suspended on 15 Feb 10 for the fisheries closure. The dredge Patriot and scows Liberty and Lummi Island will be on scene and monitoring VHF-FM channels 13 and 16. Mariners are requested to use caution and reduce wake when transiting this area. For additional information contact the American Construction Company, Inc. at 253-254-0613.

Chart 18502

LNM: 48/09

WASHINGTON – LONG BEACH - Submerged Vessel

The F/V Portlock was sunk off the Washington coast near Long Beach, WA in approximate position 46-25-22.8N 124-11-33W. Mariners are advised to use caution while transiting the area.

Chart 18500

LNM: 35/09

WASHINGTON – QUILLAYUTE RIVER - Dredging

Nehalem River Dredging is conducting dredging operations on the Quillayute River until 15 Feb 10. The work area will be from the mouth of the Quillayute River to the Coast Guard Station. Mariners are requested to minimize wake and proceed with caution after passing arrangements are made. The dredge Nehalem and other work vessels in the area will monitor VHF-FM channels 8, booth and 16. For additional information, contact Mr. Vern Scovell at Nehalem River Dredging at (503) 706-3859.

Chart 18480

LNM: 42/09

WASHINGTON - FIDALGO BAY - Dredging

Pacific Pile and Marine is conducting dredging operations in the Cap Sante waterway, Fidalgo Bay, WA at the site of the former Scott Paper Company Mill until 31 Dec 09. Mariners are requested to minimize wake and proceed with caution after passing arrangements are made. The Tug Sonja H will monitor VHF-FM channels 13 and 16 and may be contacted at (206) 422-2255. The dredge Web may be contacted at (206) 963-8927. For additional information, contact Mr. Greg Anderes at Pacific Pile and Marine (206) 331-3873.

Chart 18427

LNM: 36/09

WASHINGTON - LOPEZ ISLAND - MAKAYE HARBOR - Submerged Obstruction

A submerged obstruction has been reported in Makaye Harbor on Lopez Island, WA. The approximate position is 48-26-08.3N, 122-52-16.6W. Mariners should exercise caution when transiting this waterway.

Charts: 18423 18429

LNM: 38/09

WASHINGTON - SNOHOMISH RIVER - Dredging in the vicinity of the Port of Everett

General Construction Co. will be conducting dredging on the Snohomish River downstream settling basin and associated river channel to the south between 01 Jan 10 to 15 Feb 10, 7 days a week, 24 hours a day. The area to be dredged is bounded by Jetty Island on the west with the north limit adjacent to the Jetty Island Dock on the west and the 12th Street Yacht Basin on the East. The work extends south past the Port of Everett marina on the east by approximately 1000 feet. A clamshell dredge will be working in the channel with assist vessels transiting between the dredging site and the Port Gardner disposal site. The dredge Seattle will monitor VHF-FM channel 66 and Dunlap tugs on scene will monitor channel 19A. Mariners are advised to use caution when transiting the area. For additional information, contact General Construction Co. at (206) 730-6232.

Charts: 18423 18443 18444

LNM: 51/09

WASHINGTON - PUGET SOUND - Construction

Manson Construction Company is conducting repairs of the barge loading facility on Maury Island, in the east passage of Puget Sound. The work will take place until Jan 2010. There will be various vessels on scene during the construction, and they will monitor VHF Channel 13 and, 16. For additional information, contact Manson Construction Company at (206) 762-0850

Chart 18474

LNM: 32/09

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	
10716	West Fisher Island Slough Pollution Response Buoy						Remove from list.	03/10
							*	
10741	East Fisher Island Slough Pollution Response Buoy						Remove from list.	03/10
							*	
12400	<i>Lake Umatilla Lighted Buoy 2</i> Marks restricted area.	45-43-21.309N 120-41-14.462W	FI R 4s		3	Red.		03/10
							*	
16337	<i>NOAA Environmental Lighted Buoy 46088</i>	48-20-00.000N 123-10-00.000W	FI (4)Y 20s		4	Yellow disc-shaped buoy.	Aid maintained by National Oceanic and Atmospheric Administration.	03/10
							*	
16395	<i>Point Partridge Lighted Bell Buoy 5</i>	48-13-14.853N 122-46-59.623W	FI G 4s		4	Green.		03/10
							*	

PUBLICATION CORRECTIONS

None

ENCLOSURES**Enclosure 1**

OREGON - WASHINGTON - COLUMBIA RIVER - Dredging Operations

LNM: 03/10

Enclosure 2

OREGON - PORTLAND and WASHINGTON - SEATTLE - Marine Events

LNM: 03/10

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

D.R. Peloquin
Commander, U.S. Coast Guard
Chief, Waterways Management Branch
Thirteenth Coast Guard District

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
11 Jan 10	01 Feb 10	Mon-Sun 24 hrs	<u>Columbia River, U.S. Coast Guard Tongue Point Facility RM 17.5</u>	Sea Horse	Husky	13 and 16 VHF-FM	RM 17+40 and 18+10, south of channel	01/10
22 Jan 10	05 Feb 10	Mon-Sun 24 hrs	<u>Columbia River, Baker Bay 0+17 to 3+10; Chinook Channel 1+00 to 2+00; West Port Slough 0+28 to 0+36</u>	Patriot	Lummi Island	16 and 82 VHF-FM	On site Disposal	50/09
19 Jan 10	12 Oct 10	Mon-Sun 24 Hours	<u>Longview, Columbia River RM 65+00 to 67+05</u>	Paula Lee	Scow WF-9 & CK-7	13 and 16 VHF-FM	Dibblee Point, RM 64+50	03/10
12 Oct 09	15 Mar 10	Mon-Sun 24 hrs	<u>Columbia River RM 87+25 to 88+25, dredging and blasting (US Coast Guard Safety Zone established during periods of drilling and blasting).</u>	Megan-Renee	Sand Is., Swan Is. & Tender Lowren M & 12 small craft	13 and 16, VHF-FM	<u>Ross Island Lagoon, Willamette RM 15</u>	43/09
20 Jan 10	28 Feb 10	Mon-Fri 0700- 1700	<u>Port of Kalama, Columbia River RM 77</u>	"10"		13, 16 and 79, VHF- FM	On site Disposal	03/10
21 Jan 10	28 Feb 10	Mon-Fri 0700- 1700	<u>Port of Vancouver, Columbia River RM 105.20 to 104.15</u>	"6" and "9"		13, 16 and 79, VHF- FM	On site Disposal	03/10
30 Dec 09	15 Feb 10	Mon-Sun 24 hrs	<u>Grays Harbor, Inner Harbor at Cow Point Reach and Cow Point Turning Basin</u>	Patriot	Liberty and Lummi Island	13 and 16, VHF-FM	South Jetty Disposal Site	48/09
25 Oct 09	15 Feb 10	Mon-Sun 24 hrs	<u>Quillayute River</u>	Nehalem		8 and 16, VHF-FM	Ocean Disposal Site	42/09
02 Jan 10	15 Feb 10	Mon-Sun 24 hrs	<u>Snohomish River, Jetty Island dock to 1000' south of Port of Everett Marina</u>	Seattle	Dunlap Towing	19A and 66, VHF-FM	Port Gardner Disposal Site	51/09
11 Jan 10	31 Jan 10	Mon-Sat 24 hrs	<u>Duwamish Waterway, Upper waterway</u>	Mukilteo	West Point	80 VHF-FM	Elliot Bay Disposal Site	03/10
13 Jan 10	09 Feb 10	Mon-Sat 24 hrs	<u>Tacoma Harbor, Blair Waterway vicinity of Hyundai Docks</u>	Viking	Wollochet	13 and 14, VHF-FM	Commencement Bay Disposal Site	02/10

*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.

PORTLAND MARINE EVENTS

EVENT DATE	EVENT NAME	EVENT LOCATION	SPONSOR
29 Jan 10, 1200	Launch of an Ocean Tank Barge	Willamette River RM14.5, south of the Ross Island Bridge	Zidell Marine Corporation

SEATTLE MARINE EVENTS

EVENT DATE	EVENT NAME	EVENT LOCATION	SPONSOR

None Scheduled