



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

LOCAL NOTICE TO MARINERS

District: 13

Week: 23/13

ISSUED BY: COMMANDER, THIRTEENTH COAST GUARD DISTRICT (dpw)
915 Second Avenue, 35th Floor, Rm 3510, Seattle, Washington 98174-1067
Telephone: (206) 220-7280 or 7285 FAX: (206) 220-7265
Email: D13-PF-LNM@uscg.mil
<http://www.navcen.uscg.gov/?pageName=lnmDistrict®ion=13>

COMDTPUB P16502.6, Light List Volume VI, 2013 Edition and Coast Pilot Volume 7, 2013.
Coast Pilots, along with corrections, are available at: <http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm>.

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 and DGPS. The NIS also disseminates Safety Broadcasts / Broadcast Notice to Mariners (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/?pageName=GPS>.

In addition, the NIS investigates all reports of degradation or loss of GPS or DGPS 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: <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	D13-0490-13	D13-0507-13

ABBREVIATIONS

A through H

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
DAYMK/Daymk - Daymark
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
MRASS - Marine Radio Activated Sound Signal
MSLD - Misleading
N/C - Not Charted
NGA - National Geospatial-Intelligence Agency

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
RRASS - Remote Radio Activated Sound Signal
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

fl - flash
FI - Flashing
G - Green
GIWW - Gulf Intracoastal Waterway
HAZ - Hazard to Navigation
HBR - Harbor
HOR - Horizontal Clearance
HT - Height

NO/NUM - Number
NOS - National Ocean Service
NW - Notice Writer
OBSCU - Obscured
OBST - Obstruction
OBSTR - Obstruction
Oc - Occulting
ODAS - Anchored Oceanographic Data Buoy

TEMP - Temporary Aid Change
TMK - Topmark
TRLB - Temporarily Replaced by Lighted Buoy
TRLT - Temporarily Replaced by Light
TRUB - Temporarily Replaced by Unlighted Buoy
USACE - Army Corps of Engineers
W - White
Y - Yellow

Additional Abbreviations Specific to this LNM Edition:

AtoN - Aids to Navigation
COTP - Captain of the Port
CPA - Closest Point of Approach
IVO - In Vicinity Of

LLNR - Light List Number
WSDOT - Washington Dept of Transportation
NUWC - Naval Undersea Warfare Center
RM - River Mile Marker

VTS - Vessel Traffic Service
NM - Nautical Mile
RV - Research Vessel

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

WASHINGTON – LAKE WASHINGTON SHIP CANAL – HIRAM M. CHITTENDEN LOCKS – Temporary Lock Closure

The Hiram M. Chittenden Large and Small locks will be closed from 0800 until 1330 on 06 Jun 13 for an inspection of the Adult Salmon Exclusion Structure. Divers will be in the water preventing lock operations and the only exceptions granted will be for emergency vessels on emergency call. For additional information contact the Navigation Supervisor at (206) 789-2622 ext. 202, or the Lockmaster on duty at (206) 783-7000.

Chart 18447

LNM: 23/13

WASHINGTON – WHIDBEY ISLAND – Proposed DGPS Off-Air Time

The USCG NAVCEN is proposing an off-air time at the Whidbey Island, WA, DGPS (888) broadcast site for preventive maintenance from 1000 to 1200 on 26 Jun 13, with an alternate time from 1000 to 1200 on 27 Jun 13. Mariners may experience some loss of coverage during these times. For additional information or objections, contact Navigation Center DGPS Operations at (703) 313-5902.

LNM: 23/13

WASHINGTON – STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA – HARO STRAIT – Acoustic Recorder Deployed

Acoustic recorders have been set at three locations in Haro Strait, and will be in place until removed from this notice. Mariners are advised to avoid dragging or deploying gear near these locations. The recorders are at the following positions:

1. 48-30-51.730N, 123-09.00.359W (6 feet above the bottom);
2. 48-30-27.630N, 123-11-54.350W (50 meters below the surface);
3. 48-30-26.720N, 123-11-50.690W (40 meters above the bottom).

Chart 18433

LNM: 23/13

OREGON – WILLAMETTE RIVER – Sellwood Bridge construction (Revised from LNM 47/11)

The Sellwood Bridge at RM 16.6 on the Willamette River is under construction for replacement from Dec 11 to Mar 15. A no wake zone is in effect within five hundred feet (500') of the bridge. Mariners are advised to use caution and slow to no wake at idle speed. The marked navigable channel at the bridge has been relocated. Mariners are cautioned to observe the temporary navigation buoys and bridge navigation lighting and comply with the exclusion established by both the buoys and signage.

Contractor will be removing the concrete piers starting 01 May 13. During this work, hoisting equipment may be located in the channel for short durations. Vessels needing passage through the work zone when equipment is located in the channel should contact the derrick barge "DB 125" on VHF Ch. 13.

Chart 18526

LNM: 22/13

WASHINGTON – PUGET SOUND – TACOMA – THEA FOSS WATERWAY – South 11th Street "Murray Morgan" Bridge

The USCG has issued a temporary deviation from the operating schedule that governs the South 11th Street (Murray Morgan) Bridge across the City Waterway also known as the Thea Foss Waterway, mile 0.6, in Tacoma, WA. The current test deviation will expire at 0800, 15 Jun 13. This deviation is necessary to continue with the current test deviation operating schedule until the final rule making changes permanently go into effect. This deviation is effective from 0800 on 15 Jun 13 until 0800 on 30 Jun 13. The Murray Morgan Bridge is a vertical lift bridge which provides a vertical clearance of 60 feet above mean high water (MHW) while in the closed position and 135 feet of vertical clearance in the open position. Vessels which do not require a bridge opening may continue to transit beneath the bridge at any time. Under this temporary deviation the bridge shall open on signal if at least two hours notice is given. However, to obtain a bridge opening between 2200 and 0800, notification must be made to the City of Tacoma by 2000. In emergencies, openings shall be made as soon as possible upon notification to the City of Tacoma.

Chart 18453

LNM: 22/13

WASHINGTON – HARO STRAIT – SAN JUAN ISLAND – Acoustic Equipment Deployed

An autonomous acoustic recorder has been set six feet above the seafloor at 48-30-51.73N, 123-09-00.59W. The equipment is in 36 feet of water off Lime Kiln Point State Park, and will be in place until 16 Jun 13. All mariners avoid dragging and/or deploying any gear at the given location. For questions or more information, contact Caitlin O'Neill at (250) 483-3300 X2008, or at Caitlin.O'Neill@jasco.com.

Chart 18433

LNM: 22/13

406 MHz DISTRESS BEACON BATTERIES

Cospas-Sarsat type approval is conducted with manufacturer installed battery packs in 406 MHz distress beacons. Therefore, the U.S. SARSAT program recommends that 406 MHz distress beacon owners always use manufacturer approved battery packs which have been tested as a part of the original Cospas-Sarsat 406 MHz distress beacon approval and known to meet operational requirements. 406 MHz distress beacon owners should consult their beacon manufacturer or one of their approved service centers to obtain proper battery replacements. Certain aftermarket replacement battery packs that are not approved by the beacon manufacturer have been shown to be of inferior quality and may pose a safety risk and/or failure of the beacon to function properly in a distress situation.

LNM: 22/13

OREGON – IDAHO – SNAKE RIVER – Hells Canyon Water Level

The USACE has determined the minimum safe navigation flow upstream of the Salmon River confluence is 8,500 cfs for vessels up to 42 feet in length and 11,500 cfs below the confluence of the Salmon River.

Idaho Power Company has provided notice that on or subsequent to 28 May 13 they may reduce discharge from Hells Canyon Dam below the 8,500 cfs determined by the USACE as a safe navigation minimum flow. Discharges below 8,500 cfs have not been observed in the recent past, therefore the USACE recommends all mariners check the flows being released from Hells Canyon Dam before entering Hells Canyon, and operate with extra caution.

Hells Canyon Flows Web Page: <http://www.idahopower.com/OurEnvironment/WaterInformation/Hellsrivflw/default.cfm>.

LNM: 21/13

WASHINGTON – SEATTLE – DUWAMISH WATERWAY – Closure

The South Park Bridge on the Duwamish Waterway, at mile 3.8, is under construction and will be fully blocked to vessel traffic during the following dates and times:

1. 0700 until 1900 on 03, 04, 07, 10, 11 and 14 Jun 13;
2. 1200 until 0800 on 06 and 08 Jun 13.

Partial obstruction of the waterway will continue for construction work along the east side of the Duwamish Waterway at the South Park Bridge until 01 Aug 13. Construction vessels will monitor VHF-FM Ch 14 and 16. All mariners transit the area with no wake. For more information about the bridge replacement project, contact Brain Masten at (206) 786-9532.

Chart 18450

LNM: 21/13

COLUMBIA RIVER – ST. HELENS TO VANCOUVER – PORT OF PORTLAND – Special Bridge Notice (Revised from LNM 19/13)

The USCG has issued a public notice announcing a permit application from the Columbia River Crossing (CRC) for a USCG Bridge Permit for approval to replace the Interstate 5 Bridge across the Columbia River between Vancouver, Clark County, WA and Portland, Multnomah County, OR. The CRC is an entity formed by the Washington Department of Transportation and the Oregon Department of Transportation for the purpose of improving the Interstate 5 corridor between Portland, OR and Vancouver, WA. The replacement bridge will consist of two parallel, fixed-span structures. The existing I-5 bridge provides a vertical navigational clearance of approximately 178 feet above Columbia River Datum (CRD). The applicant proposes to decrease the vertical navigational clearance to approximately 116 feet above CRD by building a fixed bridge. Public Notice (01-13) solicits comments and provides information about upcoming Coast Guard public meetings. Public Notice (01-13) is available at <http://www.navcen.uscg.gov/?pageName=pnBridges&Active=1&Region=13>. The file "PN 01-13 Columbia River complete" can only be opened using Adobe version 8.0 and greater. For those with older versions of Adobe, either upgrade to a new version, or open each of the five separate files labeled "Part 1 of 5 thru part 5 of 5". Comments must be received by 20 Jun 13. The Coast Guard District Thirteen Project Officer for this project is Mr. Gary Greene and may be contacted at (206) 220-7029 or at Gary.F.Greene@uscg.mil.

Chart 18525

LNM: 20/13

WASHINGTON – GRAYS HARBOR – ABERDEEN – SR520 Pontoons

Kiewit-General Manson has temporarily moored two SR 520 Floating Bridge pontoons at the Grays Harbor Pontoon Moorage site near the south reach of the navigation channel. Pontoons will be cycled through the temporary moorage facility through March 2015. The pontoons are lighted with 2NM white lights. Mariners can expect derrick barge and tug boat activity in the vicinity. For more information, contact Eric Edwards at (510) 773-6934, or eedwards@MANSONCONSTRUCTION.COM.

Chart

LNM: 20/13

OREGON – WARRENTON – LEWIS AND CLARK RIVER: Special Bridge Notice

The USCG has issued a public notice announcing a permit application from Oregon Department of Transportation (ODOT) for the approval of location and plans for the construction of the Lewis and Clark River Bridge over the Lewis and Clark River, RM 0.4, at Warrenton, OR. ODOT proposes to replace the entire highway bridge west of the draw span. Public Notice 02-13 solicits comment and is available at: <http://www.navcen.uscg.gov/?pageName=pnBridges&Active=1®ion=13>. The USCG District Thirteen Bridge Program Point of Contact is Lieutenant Commander Steve Fischer. He can be reached at (206) 220-7277.

Chart 18521

LNM: 20/13

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
765.2	DART Tsunami Warning Lighted Buoy 46407	ADRIFT	18007	0512-12	18/12	
765.4	DART Tsunami Warning Lighted Buoy 46404	MISSING	18007	0179-12	06/12	
765.7	DART Tsunami Warning Lighted Buoy 46419	MISSING	18007	0927-10	39/10	
8805	Coos Bay Inside Range B Front Light	REDUCED INT	18587	1342-12	47/12	
9815	Tillamook Bay Entrance Lighted Bell Buoy 1	OFF STA	18558	341-13	16/13	
10480	Pancake Point Dike Light 59	STRUCT DEST	18523	0609-11	25/11	
10530	Cathlamet Channel Daybeacon 2	LT EXT/DAYMK MISSING	18523	1235-12	44/12	
10980	Martin Island Middle Dike Light 65	STRUCT DMGD	18524	1076-11	45/11	
11130	Fales Light 17	LT IMCH	18525	445-13	21/13	
11625	Candiana Light 69	LT IMCH	18531	0571-11	23/11	
11770	Bonneville Pool Light 4	STRUCT DEST/LT EXT	18531	0905-10	37/10	
11855	Bonneville Pool Light 22	LT EXT	18532	0222-12	07/12	
14430	Baker Bay West Channel Daybeacon 6	DAYMK IMCH	18521	1168-12	43/12	
14435	Baker Bay West Channel Daybeacon 7	DAYMK DMGD	18521	1220-12	44/12	
14720	Cathlamet Bay South Channel Light 2	LT EXT	18521	422-13	20/13	
15187	Willapa Bay Entrance Buoy D	MISSING	18504	284-13	12/13	
15565	Grays Harbor Entrance Lighted Gong Buoy 5	OFF STA	18502	345-13	16/13	
15585	Point Chehalis Range Front Light	DAYMK MISSING	18502	1012-09	50/09	
15585	Point Chehalis Range Front Light	LT EXT	18502	0067-13	03/13	
16085	Quillayute River Entrance Lighted Buoy 2	MISSING	18480	221-13	09/13	
18560	Snohomish River Range A Front Daybeacon	DAYMK DMGD	18444	0009-13	02/13	
18586	Snohomish River Daybeacon 7	MISSING/STRUCT DEST	18444	295-13	13/13	
19325	Davidson Rock Light 1	DAYMK MISSING	18429	1441-12	50/12	
19485	Buckeye Shoal Lighted Bell Buoy 14	MISSING	18430	501-13	23/13	
19855	Ewing Island Reef Danger Buoy	MISSING	18431	0585-12	21/12	

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
18860	Swinomish Channel South Entrance Buoy 22	RESET ON STATION	18427	498-13	23/13	23/13
18865	Swinomish Channel South Entrance Buoy 23	RESET ON STATION	18427	491-13	22/13	23/13

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
687	Seaside Data Lighted Buoy	MISSING	18520	282-13	13/13	
693	CMOP Research Lighted Buoy	MISSING	18521	283-13	13/13	
19914	Birch Bay Mooring Basin Daybeacon 4	DAYMK MISSING	18421	277-13	12/13	

DISCREPANCIES (PRIVATE AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
------	----------	--------	-----------	----------	--------	---------

None

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	
635	Heceta Head Lighthouse	DISCONTINUED	18580	0049-12	03/12	
10415	Bugby Hole Light 46	TRLB	18523	1216-12	44/12	
10480	Pancake Point Dike Light 59	TRLT	18523	No BNM	21/12	
11770	Bonneville Pool Light 4	TRLB	18531	0909-10	38/10	
14720	Cathlamet Bay South Channel Light 2	TRLB	18521	1318-12	45/12	
18586	Snohomish River Daybeacon 7	TRUB	18444	300-13	14/13	
19855	Ewing Island Reef Danger Buoy	TRUB	18431	0650-12	23/12	

TEMPORARY CHANGES CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
------	----------	--------	-----------	----------	--------	---------

None

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
Corrective Action	Green can	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.

Chart Number	Chart Edition	Edition Date	Last Local Notice to Mariners	Horizontal Datum Reference	Source of Correction	Current Local Notice to Mariners
18423	38th Ed.	01-OCT-11	Last LNM: 22/13	NAD 83		23/13
Chart Title: Bellingham to Everett Including San Juan Islands; Blaine						
Main Panel 1659 BELLINGHAM TO EVERETT INC SAN JUAN ISLANDS ROSARIO STRAIT. Page/Side: a						
DELETE	Float with blue tint; Use Chart 1 Kq (NOS NW-22643)				NOS 48-13-08.200N	122-42-23.000W
DELETE	Float with blue tint; Use Chart 1 Kq (NOS NW-22643)				NOS 48-13-09.000N	122-42-21.900W
DELETE	Float with blue tint; Use Chart 1 Kq (NOS NW-22643)				NOS 48-13-11.700N	122-42-18.600W
DELETE	Float with blue tint; Use Chart 1 Kq (NOS NW-22643)				NOS 48-13-12.100N	122-42-17.500W
ADD	Float with blue tint I PT 1 OF 3; Use Chart 1 Kq (NOS NW-22643)				NOS 48-13-06.500N	122-42-07.900W
ADD	Float with blue tint I PT 2 OF 3; Use Chart 1 Kq (NOS NW-22643)				NOS 48-13-15.650N	122-42-13.480W
ADD	Float with blue tint I PT 3 OF 3; Use Chart 1 Kq (NOS NW-22643)				NOS 48-13-08.300N	122-42-35.000W
Main Panel 1673 BELLINGHAM TO EVERETT INC SAN JUAN ISLANDS ADMIRALTY INLET. Page/Side: a						
DELETE	Float with blue tint; Use Chart 1 Kq (NOS NW-22643)				NOS 48-12-59.400N	122-42-34.600W
DELETE	Float with blue tint; Use Chart 1 Kq (NOS NW-22643)				NOS 48-13-00.400N	122-42-36.700W
DELETE	Float with blue tint; Use Chart 1 Kq (NOS NW-22643)				NOS 48-13-01.800N	122-42-35.500W
DELETE	Float with blue tint; Use Chart 1 Kq (NOS NW-22643)				NOS 48-13-08.200N	122-42-23.000W
DELETE	Float with blue tint; Use Chart 1 Kq (NOS NW-22643)				NOS 48-13-09.000N	122-42-21.900W
DELETE	Float with blue tint; Use Chart 1 Kq (NOS NW-22643)				NOS 48-13-11.700N	122-42-18.600W
DELETE	Float with blue tint; Use Chart 1 Kq (NOS NW-22643)				NOS 48-13-12.100N	122-42-17.500W
ADD	Float with blue tint J PT 1 OF 3; Use Chart 1 Kq (NOS NW-22643)				NOS 48-13-06.500N	122-42-07.900W
ADD	Float with blue tint J PT 2 OF 3; Use Chart 1 Kq (NOS NW-22643)				NOS 48-13-15.650N	122-42-13.480W
ADD	Float with blue tint J PT 3 OF 3; Use Chart 1 Kq (NOS NW-22643)				NOS 48-13-08.300N	122-42-35.000W
ADD	Float with blue tint K PT 1 OF 4; Use Chart 1 Kq (NOS NW-22643)				NOS 48-13-02.060N	122-42-05.370W
ADD	Float with blue tint K PT 2 OF 4; Use Chart 1 Kq (NOS NW-22643)				NOS 48-13-15.650N	122-42-13.480W
ADD	Float with blue tint K PT 3 OF 4; Use Chart 1 Kq (NOS NW-22643)				NOS 48-13-05.140N	122-42-45.450W
ADD	Float with blue tint K PT 4 OF 4; Use Chart 1 Kq (NOS NW-22643)				NOS 48-12-51.090N	122-42-38.200W

ADD	Float with blue tint L PT 1 OF 4; Use Chart 1 Kq (NOS NW-22643)	48-13-02.060N NOS	122-42-05.370W
ADD	Float with blue tint L PT 2 OF 4; Use Chart 1 Kq (NOS NW-22643)	48-13-15.650N NOS	122-42-13.480W
ADD	Float with blue tint L PT 3 OF 4; Use Chart 1 Kq (NOS NW-22643)	48-13-05.140N NOS	122-42-45.450W
ADD	Float with blue tint L PT 4 OF 4; Use Chart 1 Kq (NOS NW-22643)	48-12-51.090N NOS	122-42-38.200W
ADD	Float with blue tint M PT 1 OF 4; Use Chart 1 Kq (NOS NW-22643)	48-13-02.060N NOS	122-42-05.370W
ADD	Float with blue tint M PT 2 OF 4; Use Chart 1 Kq (NOS NW-22643)	48-13-15.650N NOS	122-42-13.480W
ADD	Float with blue tint M PT 3 OF 4; Use Chart 1 Kq (NOS NW-22643)	48-13-05.140N NOS	122-42-45.450W
ADD	Float with blue tint M PT 4 OF 4; Use Chart 1 Kq (NOS NW-22643)	48-12-51.090N	122-42-38.200W

18440 30th Ed. 01-OCT-10 Last LNM: 22/13 NAD 83 23/13

ChartTitle: Puget Sound

Main Panel 1688 PUGET SOUND. Page/Side: N/A

DELETE	Float with blue tint; Use Chart 1 Kq (NOS NW-22643)	NOS 48-12-59.400N	122-42-34.600W
DELETE	Float with blue tint; Use Chart 1 Kq (NOS NW-22643)	NOS 48-13-00.400N	122-42-36.700W
DELETE	Float with blue tint; Use Chart 1 Kq (NOS NW-22643)	NOS 48-13-01.800N	122-42-35.500W
DELETE	Float with blue tint; Use Chart 1 Kq (NOS NW-22643)	NOS 48-13-08.200N	122-42-23.000W
DELETE	Float with blue tint; Use Chart 1 Kq (NOS NW-22643)	NOS 48-13-09.000N	122-42-21.900W
DELETE	Float with blue tint; Use Chart 1 Kq (NOS NW-22643)	NOS 48-13-11.700N	122-42-18.600W
DELETE	Float with blue tint; Use Chart 1 Kq (NOS NW-22643)	NOS 48-13-12.100N	122-42-17.500W
ADD	Float with blue tint N PT 1 OF 3; Use Chart 1 Kq (NOS NW-22643)	NOS 48-13-06.500N	122-42-07.900W
ADD	Float with blue tint N PT 2 OF 3; Use Chart 1 Kq (NOS NW-22643)	NOS 48-13-15.650N	122-42-13.480W
ADD	Float with blue tint N PT 3 OF 3; Use Chart 1 Kq (NOS NW-22643)	NOS 48-13-08.300N	122-42-35.000W
ADD	Float with blue tint O PT 1 OF 4; Use Chart 1 Kq (NOS NW-22643)	NOS 48-13-02.060N	122-42-05.370W
ADD	Float with blue tint O PT 2 OF 4; Use Chart 1 Kq (NOS NW-22643)	NOS 48-13-15.650N	122-42-13.480W
ADD	Float with blue tint O PT 3 OF 4; Use Chart 1 Kq (NOS NW-22643)	NOS 48-13-05.140N	122-42-45.450W
ADD	Float with blue tint O PT 4 OF 4; Use Chart 1 Kq (NOS NW-22643)	NOS 48-12-51.090N	122-42-38.200W
ADD	Float with blue tint P PT 1 OF 4; Use Chart 1 Kq (NOS NW-22643)	NOS 48-13-02.060N	122-42-05.370W
ADD	Float with blue tint P PT 2 OF 4; Use Chart 1 Kq (NOS NW-22643)	NOS 48-13-15.650N	122-42-13.480W
ADD	Float with blue tint P PT 3 OF 4; Use Chart 1 Kq (NOS NW-22643)	NOS 48-13-05.140N	122-42-45.450W
ADD	Float with blue tint P PT 4 OF 4; Use Chart 1 Kq (NOS NW-22643)	NOS 48-12-51.090N	122-42-38.200W
ADD	Float with blue tint Q PT 1 OF 4; Use Chart 1 Kq (NOS NW-22643)	NOS 48-13-02.060N	122-42-05.370W
ADD	Float with blue tint Q PT 2 OF 4; Use Chart 1 Kq (NOS NW-22643)	NOS 48-13-15.650N	122-42-13.480W
ADD	Float with blue tint Q PT 3 OF 4; Use Chart 1 Kq (NOS NW-22643)	NOS 48-13-05.140N	122-42-45.450W
ADD	Float with blue tint Q PT 4 OF 4; Use Chart 1 Kq (NOS NW-22643)	NOS 48-12-51.090N	122-42-38.200W

18441 47th Ed. 01-JUN-11 Last LNM: 22/13 NAD 83 23/13

ChartTitle: Puget Sound-northern part

Main Panel 1689 PUGET SOUND - NORTHERN PART. Page/Side: N/A

DELETE	Float with blue tint; Use Chart 1 Kq (NOS NW-22643)	NOS 48-12-59.400N NOS	122-42-34.600W
--------	---	-----------------------------	----------------

DELETE	Float with blue tint; Use Chart 1 Kq (NOS NW-22643)	48-13-00.400N NOS	122-42-36.700W
DELETE	Float with blue tint; Use Chart 1 Kq (NOS NW-22643)	48-13-01.800N NOS	122-42-35.500W
DELETE	Float with blue tint; Use Chart 1 Kq (NOS NW-22643)	48-13-08.200N NOS	122-42-23.000W
DELETE	Float with blue tint; Use Chart 1 Kq (NOS NW-22643)	48-13-09.000N NOS	122-42-21.900W
DELETE	Float with blue tint; Use Chart 1 Kq (NOS NW-22643)	48-13-11.700N NOS	122-42-18.600W
DELETE	Float with blue tint; Use Chart 1 Kq (NOS NW-22643)	48-13-12.100N NOS	122-42-17.500W
ADD	Float with blue tint R PT 1 OF 3; Use Chart 1 Kq (NOS NW-22643)	48-13-06.500N NOS	122-42-07.900W
ADD	Float with blue tint R PT 2 OF 3; Use Chart 1 Kq (NOS NW-22643)	48-13-15.650N NOS	122-42-13.480W
ADD	Float with blue tint R PT 3 OF 3; Use Chart 1 Kq (NOS NW-22643)	48-13-08.300N NOS	122-42-35.000W
ADD	Float with blue tint S PT 1 OF 4; Use Chart 1 Kq (NOS NW-22643)	48-13-02.060N NOS	122-42-05.370W
ADD	Float with blue tint S PT 2 OF 4; Use Chart 1 Kq (NOS NW-22643)	48-13-15.650N NOS	122-42-13.480W
ADD	Float with blue tint S PT 3 OF 4; Use Chart 1 Kq (NOS NW-22643)	48-13-05.140N NOS	122-42-45.450W
ADD	Float with blue tint S PT 4 OF 4; Use Chart 1 Kq (NOS NW-22643)	48-12-51.090N NOS	122-42-38.200W
ADD	Float with blue tint T PT 1 OF 4; Use Chart 1 Kq (NOS NW-22643)	48-13-02.060N NOS	122-42-05.370W
ADD	Float with blue tint T PT 2 OF 4; Use Chart 1 Kq (NOS NW-22643)	48-13-15.650N NOS	122-42-13.480W
ADD	Float with blue tint T PT 3 OF 4; Use Chart 1 Kq (NOS NW-22643)	48-13-05.140N NOS	122-42-45.450W
ADD	Float with blue tint T PT 4 OF 4; Use Chart 1 Kq (NOS NW-22643)	48-12-51.090N NOS	122-42-38.200W
ADD	Float with blue tint U PT 1 OF 4; Use Chart 1 Kq (NOS NW-22643)	48-13-02.060N NOS	122-42-05.370W
ADD	Float with blue tint U PT 2 OF 4; Use Chart 1 Kq (NOS NW-22643)	48-13-15.650N NOS	122-42-13.480W
ADD	Float with blue tint U PT 3 OF 4; Use Chart 1 Kq (NOS NW-22643)	48-13-05.140N NOS	122-42-45.450W
ADD	Float with blue tint U PT 4 OF 4; Use Chart 1 Kq (NOS NW-22643)	48-12-51.090N NOS	122-42-38.200W

18445 **34th Ed.** **01-APR-12** **Last LNM: 22/13** **NAD 83** **23/13**

ChartTitle: Puget Sound-Possession Sound to Olympia including Hood Canal

CHART WA - PUGET SOUND - POSSESSION SOUND TO OLYMPIA INCLUDING HOOD CANAL. Page/Side: N/A

ADD	Pier 46 Overhead Conveyor Light Priv FLY 2s	CGD13 at 47-35-57.429N	122-20-20.941W
-----	---	---------------------------	----------------

18449 **19th Ed.** **01-MAY-11** **Last LNM: 18/13** **NAD 83** **23/13**

ChartTitle: Puget Sound-Seattle to Bremerton

Main Panel 1713 PUGET SOUND SEATTLE TO BREMERTON. Page/Side: N/A

ADD	Pier 46 Overhead Conveyor Light Priv FLY 2s	CGD13 at 47-35-57.429N	122-20-20.941W
-----	---	---------------------------	----------------

18450 **19th Ed.** **01-NOV-12** **Last LNM: 18/13** **NAD 83** **23/13**

ChartTitle: Seattle Harbor, Elliott Bay and Duwamish Waterway

CHART WA - SEATTLE HARBOR - ELLIOTT BAY AND DUWAMISH WATERWAY. Page/Side: N/A

ADD	Pier 46 Overhead Conveyor Light Priv FLY 2s	CGD13 at 47-35-57.429N	122-20-20.941W
-----	---	---------------------------	----------------

18474 **9th Ed.** **01-MAY-11** **Last LNM: 18/13** **NAD 83** **23/13**

ChartTitle: Puget Sound-Shilshole Bay to Commencement Bay

ADD Pier 46 Overhead Conveyor Light
Priv
FLY 2s
CGD13
at 47-35-57.429N
122-20-20.941W

18485 17th Ed. 01-JAN-13 Last LNM: 22/13 NAD 83 23/13

ChartTitle: Cape Flattery

DELETE TR and symbol
CGD13
48-23-32.200N
124-44-11.700W

OIL RIG MOVEMENT

Drill Rigs/Vessels Removed

<u>Latitude</u>	<u>Longitude</u>	<u>Block</u>	<u>Rigs/Vessel</u>	<u>Chart</u>	<u>Type</u>	<u>Status</u>
None						

Drill Rigs/Vessels Established

<u>Latitude</u>	<u>Longitude</u>	<u>Block</u>	<u>Rigs/Vessel</u>	<u>Chart</u>	<u>Type</u>	<u>Status</u>
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

<u>Approved Project(s)</u>	<u>Project Date</u>	<u>Ref. LNM</u>
None		

Advance Notice(s)

COLUMBIA RIVER – CRIMS ISLAND TO ST. HELENS – Cottonwood Island Lower Range Rear rebuild

The U.S. Coast Guard will be rebuilding Cottonwood Island Lower Range Rear Light (LLNR 10825) during the summer of 2013. The new structure will be built approximately 25 feet behind the current range structure and will not interfere with the navigation signal shown by the current rear range structure. This change will also increase the height of the rear range structure by approximately 10 feet. Upon completion, the old structure will be removed. A BNM (Broadcast Notice to Mariners) will be issued upon the completion and lighting of the new structure.

Chart 18524 LNM: 21/13

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)

OREGON – COOS BAY – Coos Bay Channel Buoy 27 Discontinuance

The U.S. Coast Guard is proposing to discontinue Coos Bay Buoy 27 (LLNR 8990) as it is no longer considered necessary for the safe navigation of the waterway.

Chart 18587 LNM: 21/13

OREGON – YAQUINA BAY – Yaquina Bay Channel Lighted Buoy 9 reduction in size

The U.S. Coast Guard is proposing to reduce the size of Yaquina Bay Channel Lighted Buoy 9 (LLNR 9644) from 11 feet tall to 3 feet tall. This change is to reduce maintenance, increase station keeping and provide greater reliability of the signal. The characteristic and nominal range of the light would remain the unchanged.

Chart 18561 LNM: 21/13

WASHINGTON – GRAYS HARBOR – Grays Harbor Buoy Discontinuance

The U.S. Coast Guard is proposing to discontinue the following floating aids to navigation in Grays Harbor, WA:

Grays Harbor Entrance Lighted Gong Buoy 5 (LLNR 15565)

Grays Harbor South Reach Lighted Buoy 15 (LLNR 15625)

These aids are no longer considered necessary for the safe navigation of the waterway.

Chart 18502

LNM: 21/13

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
Siletz River	Kernville Bridge	Kernville, OR	W. side LTs EXT	01/30/13	0146-13
Thea Foss Waterway	11th Street Bridge	Tacoma, WA	EXT	08/26/12	0971-12
Lake Wallua	Kalan RR Bridge	Kennewick, WA	Lift Vert. Wht LTs	02/27/13	0237-13
Pend Oreille Lake	BNSFRR Bridge 32	Sandpoint, ID	EXT	04/05/13	No BNM
Columbia River	Camas Slough Bridge	Camas, WA	Upriver NM R LT EXT	05/21/13	0474-13

LNM: 23/13

BRIDGE LIGHTING DISCREPANCIES CORRECTED

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

None

LNM: 23/13

COLUMBIA RIVER – PORTLAND – VANCOUVER – Interstate 5 (I-5) Lift Bridges Special Notice

The USCG has issued a temporary deviation from the operating schedule that governs the Interstate 5 (I-5) Bridges across the Columbia River, RM 106.5, between Portland, OR and Vancouver, WA. The deviation allows the lift spans of the I-5 Bridges to remain in the closed position, and need not open for maritime traffic from 2100 until 2359 on 4 Jul 13. This deviation is necessary to facilitate the movement of heavier than normal roadway traffic associated with the Independence Day fireworks show near the I-5 Bridges.

Chart 18526

LNM: 16/13

OREGON – WILLAMETTE RIVER – Steel Bridge Special Notice

The USCG has issued a temporary deviation from the operating schedule from 1900 on 01 Jun 13 through 1300 on 08 Jun 13, that governs the Steel Bridge across the Willamette River, RM 12.1, at Portland OR. The deviation allows the Steel Bridge upper deck to remain in the closed position, and need not open for maritime traffic from 1900 until 2330 01 Jun 13, and then from 0700 until 1300 on 08 Jun 13. The upper deck of the Steel Bridge will remain closed to vessel traffic to facilitate safe efficient movement of light rail and roadway traffic associated with the Starlight Parade and Rose Parade. The Steel Bridge is a double-deck lift bridge with a lower lift deck, and an upper lift deck which operate independent of each other. When both decks are in the down position the bridge provides 26 feet of vertical clearance above Columbia River Datum 0.0. When the lower deck is in the up position the bridge provides 71 feet of vertical clearance above Columbia River Datum 0.0. This deviation does not affect the operating schedule of the lower deck which opens on signal. Vessels which do not require an opening of the upper deck of the bridge may continue to transit beneath the bridge and, if needed, may obtain an opening of the lower deck of the bridge for passage during this closure period of the upper deck. The bridge shall operate in accordance to 33 CFR § 117.897 at all other times. Mariners will be notified and kept informed of the bridges' operational status via the USCG Local Notice to Mariners publication and Broadcast Notice to Mariners as appropriate. The bridge will be required to open, if needed, for vessels engaged in emergency response operations during this closure period.

Chart 18526

LNM: 12/13

OREGON – WILLAMETTE RIVER – PORT OF PORTLAND – Bridge Construction Special Notice

Scaffolding will be placed on the Steel Bridge of the Willamette River, RM 12.1, in Portland, OR beginning 1 May 13. The scaffolding is being placed beneath the lower deck of the Steel Bridge to facilitate track maintenance to include the replacement of rail cross ties. Scaffolding may be installed under the bridge so that the vertical clearance is not reduced by more than 4 feet for maritime traffic passing beneath the bridge. The scaffolding may be in place at various locations under the structure from 1 May 13 until 31 Oct 13. The lift span of the Steel Bridge will continue to operate as normal in accordance with 33 CFR 117.5 unless otherwise authorized by this office.

Chart 18526

LNM: 15/13

OREGON – WILLAMETTE RIVER – Burnside Bridge Special Notice

The USCG has issued a temporary deviation from the normal operating schedule from 0700 until 1400 on 08 Jun 13 for the Burnside Bridge at Portland, OR. on the Willamette River, RM 12.4. The Burnside Bridge provides a vertical clearance of 64 feet in the closed position; all clearances are referenced to the vertical clearance above Columbia River Datum 0.0. The deviation allows the Burnside Bridge to remain in the closed position and need not open for maritime traffic from 0700 until 1400 on 08 Jun 13. The bridge shall operate in accordance to 33 CFR § 117.897 at all other times. The bridge will be required to open, if needed, for vessels engaged in emergency response operations during this closure period.

Chart 18526

LNM: 12/13

OREGON – WILLAMETTE RIVER – Trimet Bridge Construction (Revised from 14/13)

Construction is being conducted on the deck of the new Trimet Bridge across the Willamette River, RM 13.8. The selected construction methodology will employ the use of "form-travelers" to build the decking for the TriMet Willamette River Bridge. The form travelers will be built starting at the bridge piers (towers), and be incrementally stepped to extend across and above the navigation channel. Mariners are advised to use caution while transiting the area as there will be construction equipment, and personnel working above the navigation channel. This phase of construction is expected to continue until approximately 15 Jun 14.

The USCG has established a Safety Zone that directs all vessel operators who desire to transit through the Trimet Bridge Construction zone to:

- 1.) Contact the on-scene patrol vessel and obtain permission before entering the zone.
- 2.) Stay at least 150 feet from all construction equipment.
- 3.) Pass through the construction zone at a no wake speed.

During this phase of construction, a temporary safety corridor marked with red and green buoys will be maintained for vessels to pass through the construction zone. Mariners are advised to stay within the temporary safety corridor when transiting through the construction zone under the Trimet Bridge.

Chart 18526

LNM: 16/13

WASHINGTON – LAKE WASHINGTON – SR520 BRIDGE: Special Bridge Notice (Revised from LNM 43/12)

The US Coast Guard has revised the draw span operating schedule for the SR 520 Evergreen Point Floating Bridge. The east side navigation channel is currently completely closed or partially blocked during construction activity associated with the replacement bridge. Construction activities will continue in and around the east navigation channel for the duration of the bridge replacement project until approximately 30 Aug 15.

Vessels which are impacted by the closure of the east channel that are not able to navigate through the west channel of the existing bridge may request an opening of the center draw span for passage. Boaters may request a draw span opening by calling WSDOT at (206) 440-4490. The draw of the Evergreen Point Floating Bridge between Seattle and Bellevue shall operate as follows (revised schedule):

- (a) The draw need not open from 0630 to 0959 and from 1500 to 1900 Monday through Friday, except Federal Holidays other than Columbus Day.
- (b) The draw need open only on the hour and half hour from 1000 to 1430 every day of the week, if at least 2 hour advance notice is given.
- (c) The draw will open on request at all other times if at least 2 hours advance notice is given.
- (d) Telephone requests for bridge opening may be directed as collect calls to the Highway Radio, or made by direct telephone communication through the Seattle Marine Operator, Station KOH, or through other marine wire or radiotelephone service.

Eight temporary white mooring buoys (six on the north side and two on the south side) marked with FL W 4s (flashing white four seconds) lights have been deployed near the bridge for the temporary mooring of construction barges. Refer to LNM 05/13 chart 18447 for temporary chart corrections.

Eight temporary pilings (two groups of four pilings) marked with FL Y 4s (flashing yellow four seconds) lights have been placed in the southeast part of Union Bay near the west end of the bridge for the temporary mooring of pontoons. Refer to LNM 05/13 chart 18447 for temporary chart corrections.

For up to date schedule changes and special event schedules for the SR 520 Bridge, please WSDOT's web site at:
<http://www.wsdot.wa.gov/Projects/SR520Bridge/WeekendClosures.htm>.

Chart 18447

LNM: 05/13

WASHINGTON – EVERETT – SNOHOMISH RIVER – SR 529 Bridges Special Notice

The USCG has issued a temporary deviation from the operating schedule from 0001 on 03 May 13 through 2359 on 21 Jun 13, that governs the SR 529 Bridges across the Snohomish River, RM 3.6, at Everett, WA. This deviation is necessary to facilitate heavy maintenance and equipment upgrades on the bridges. The deviation allows the SR 529 Bridges, to remain in the closed position and need not open for maritime traffic. The bridges shall operate in accordance to 33 CFR § 117.1059 at all other times. The SR 529 Bridges provides 38 feet of vertical clearance above mean high water elevation while in the closed position. Vessels which do not require a bridge opening may continue to transit beneath the bridges during this closure period. Mariners will be notified and kept informed of the bridges' operational status via the construction contractor performing the maintenance as well, and via the USCG Local Notice to Mariners publication and Broadcast Notice to Mariners as appropriate. The bridges will not be able to open during this maintenance activity because the lifting mechanisms will be inoperable.

Chart 18444

LNM: 12/13

OREGON – CAPE BLANCO TO YAQUINA HEAD – Heceta Head Lighthouse Restoration Project

Heceta Head Lighthouse (LLNR 635) will be extinguished until January 2014 for the Heceta Head Lighthouse Restoration Project. The project will involve replacing the electrical system in the lighthouse. More information can be found at: heceta.h.lighthouse@state.or.us.

Chart 18580

LNM: 03/12

COLUMBIA RIVER – ENTRANCE – Oceanographic Research

A group of oceanographic institutions will be conducting oceanographic research in the vicinity of the entrance of the Columbia River (RM -3 to RM 5) from 08 May 13 until 20 Jun 13. See Enclosure 3 and 4 for details.

Chart 18521

LNM: 10/13

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

The USACE, Walla Walla and Portland Districts, are implementing the summer seasonal lockage schedule, which is effective from 15 May 13 to 15

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

Sep 13, for the passage of recreational craft through the navigation locks. When a recreational vessel lockage schedule is in effect, recreational vessels will only be allowed to lock through at the times designated, and during these times, they will take precedence over commercial vessels. At all other times, commercial vessels will continue to have lockage precedence over recreational vessels. Recreational vessels may be allowed to lock through with commercial vessels at the discretion of the lock operator. For the lockage schedule and additional information, visit Portland's website at: <http://www.nwp.usace.army.mil/Missions/Navigation.aspx>, and Walla Walla's at: <http://www.usace.army.mil/Missions/Navigation.aspx>, or contact the Operations Division at Portland (503) 808-4332, or Walla Walla (509) 527-7115.

LNM: 18/13

COLUMBIA RIVER – CATHLAMET BAY SOUTH CHANNEL – Temporary Buoy Relocated

The temporary lighted red buoy '2' established to mark the vicinity of Cathlamet Bay South Channel Light 2 (LLNR 14720) has been relocated to approximate position 46-12-46.125N, 123-45-21.322W. The light characteristics remains flashing quick red (QR).

Chart 18521

LNM: 51/12

COLUMBIA RIVER – PUGET ISLAND – Research Trawling

NOAA will be conducting research pair-trawling operations IVO Puget Island at RM 37 to 51, between 01 Apr 13 and 30 Jul 13. Operations may occur day or night. Trawl gear will be marked by floats and extends near the surface for approximately 100 yards behind the tow vessels, terminating at a third vessel. Mariners are requested to use caution in the vicinity of the operation. NOAA vessels monitor VHF-FM channels 13 and 16. For additional information please contact the Vessel Operations Coordinator at (503) 861-1818, Ext 35.

Chart 18523

LNM: 14/13

COLUMBIA RIVER – BONNEVILLE POOL – Shoaling Growth at the White Salmon River Entrance

A bottom contour survey was completed on 15 Oct 12 by PacifiCorp Energy, and the survey results show shoaling continues to grow at the mouth of the White Salmon River, which is located on the Washington side of the Columbia River at RM 168.5. The survey also indicates that the shoaling is growing to the south toward the north side of the main channel. At the current position, White Salmon Shoal Lighted Buoy 33 (LLNR 11912) did mark the 30 foot curve, and the most southern edge of the shoal. The new shoaling data suggest that White Salmon Shoal Lighted Buoy 33 may not mark best navigable water depth of 17 feet, and plans are being made to relocate the buoy, by PacifiCorp Energy, to mark the 20 foot curve in the near future. Mariners are advised to use caution when transiting the area of the shoal and report any problems to Coast Guard Marine Safety Unit Portland, Waterways Management Branch at (503) 240-9319 or "MSUPortlandWWMDH@uscg.mil".

Chart 18532

LNM: 45/12

SNAKE RIVER – Water Management in the Snake River Pools

Water management for fish passage will begin shortly in the lower Snake River pools. The transition to minimum operating pool is scheduled to begin on 03 Apr 13. The effected waterways are: Ice Harbor pool (Lake Sacajawea), Lower Monumental pool (Lake West), Little Goose pool (Lake Bryan), and Lower Granite pool (Lower Granite Lake). Operating range for each Snake River pool is list below.

Ice Harbor Pool: 437.0' - 438.0' Lower Monumental Pool: 537.0' - 538.0' Little Goose Pool: 633.5' - 634.5'

Lower Granite: Dependent on flow ranges given below.

INFLOW greater or = 120 KCFS	733.0-734.0 FEET (MOP)
INFLOW greater or = 80 KCFS AND less than 120 KCFS	734.0-735.0 FEET (MOP+1)
INFLOW greater or = 50 KCFS AND or less than 80 KCFS	734.5-735.5 FEET (MOP+1.5)
INFLOW less than 50 KCFS	735.0-736.0 FEET (MOP+2)

Requests to implement special operations in spill for safe navigation are available as needed but still guided by the same restrictions as last year. Request for pool consideration at the coffer cells below Ice Harbor remains in effect and will be granted whenever possible.

For additional information, contact the USACE Walla Walla District at (509) 527-7115, or visit the website: <http://www.nwp.usace.army.mil/>.

Charts: 18545 18546 18547 18548

LNM: 14/13

SNAKE RIVER – LAKE SACAJAWEA – Obstruction to Navigation Between RM 7 and 8 (Revised from LNM 08/10)

A large rock shelf has been discovered on the north side of the navigation channel between RM 7 and 8 of the Snake River. This rock shelf is submerged and is extending into the navigable channel up to 15 feet in some areas, and lowered the depth of the navigation channel edge to 10 feet in some areas. Mariners are advised to use caution when transiting this area and avoid the northern edge of the navigation channel.

Chart 18545

LNM: 11/10

SNAKE RIVER – LAKE SACAJAWEA – ICE HARBOR DAM – Navigation Advisory

Please use extreme caution when navigating through the downstream lock approach at Ice Harbor Lock & Dam, located at RM 9.7. This is a new advisory and is not for the shoaling at the navigation coffer cells at the lower end of the lock guide wall.

In the downstream lock approach, the centerline of the navigation lock gate runs parallel to the south shore guide wall with a 50 foot separation between gate centerline and the guide wall. Approximately 200 feet down river from the lock gate, and 35 to 40 feet from the south shore guide wall toward the gate centerline, an accumulation of river sediment material has formed. The highest elevation of the accumulation is approximately 325 feet.

Vessel Captains are advised that because of seasonally low water, pool conditions will vary and it is advisable to contact the Ice Harbor Control room for current pool elevations. Additionally, if any problems are encounter contact the Ice Harbor Control room immediately.

SNAKE RIVER – LAKE SACAJAWEA – ICE HARBOR DAM – Navigation Advisory

Your cooperation in this matter is much appreciated. For additional information, please call Operations Division, at (509) 527-7115 or (509) 527-7120.

Charts: 18541 18545

LNM: 42/12

SNAKE RIVER – LAKE SACAJAWEA – Dolphins Out of Service

Walla Walla District Army Corps of Engineers completed a comprehensive inspection of Hard Rock Dolphin 3, located up stream of the Ice Harbor Locks at RM 10.5, and placed the tie-off site out of service. "Unsafe Conditions" signage has been posted at Dolphin 3 site. Hard Rock Dolphin 5 remain structurally unsafe for use, and out of service. Dolphins 1, 2 and 6 remain in service. For additional information contact Walla Walla District Corps of Engineers at 509-527-7115 or 509-527-7114.

Chart 18545

LNM: 07/13

WASHINGTON – SNAKE RIVER – CLARKSTON – Salmon Migration Study

NOAA is studying the 2013 sockeye salmon juvenile out-migration. A 28 foot orange float with a light at each end, flashing yellow four times every 20 seconds [FI (4) Y 20s], and two large radio antennas was set at 46-25-22.71N / 117-11-02.12W. The float will be in place until 15 Jul 13. The float marking telemetry is at RM 131.4 on the north side of the Snake River across from Silcott Island. For more information, contact Sam Rambo at (509) 542-4061.

Chart 18548

LNM: 17/13

WASHINGTON – STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA – SAN JUAN ISLANDS – SUCIA ISLAND – Temporary Buoy marking Ewing Reef

The U.S. Coast Guard placed an unlighted red buoy southwest of Ewing Reef, near Sucia Island to temporarily replace the lost Ewing Island Reef Danger Buoy (LLNR 19855). The buoy is located in approximate position 48-45-35.094N 122-52-36.606W, which bears 202 degrees true, 40 feet from the Danger Buoy's charted location. Mariners should exercise extreme caution when transiting this area due to numerous rocks and shoals in the area.

Charts: 18421 18431

LNM: 23/12

WASHINGTON – STRAIT OF JUAN DE FUCA AND BOUNDARY PASS – Temporary Subsurface Buoy Deployment

Subsurface oceanographic mooring buoys extending 10 meters above the ocean floor have been temporarily set at the following positions until further notice:

- 1. 48-21.639N / 124-13.813W;
- 2. 48-30.499N / 124-45.027W;
- 3. 48-45.978N / 123-02.413W.

Charts: 18431 18432 18460 18480

LNM: 18/13

WASHINGTON – PUGET SOUND – HOOD CANAL – Bangor Pier Construction

Construction of the Explosives Handling Wharf (EHW) #2 at Bangor Submarine Base, at approximately 46-45-09 N / 122-43-23 W, is being conducted until 09 Jan 16. Mariners can expect material barges, crane barges, tug/push boats, and work skiffs within the vicinity of the EHW piers. VHF-FM Channel 13 will be monitored. For more information, contact Bill Eskins at (678) 449-3892.

Chart 18458

LNM: 36/12

WASHINGTON – PUGET SOUND – Temporary Research Buoy Deployed

A temporary conical shaped yellow research lighted buoy has been set off the shore of Spring Beach in position 47-43-44.4N, 122-23-40.8W. The buoy is marked with a flashing yellow every four second light (FI Y 4s) with a nominal range of one mile. For more information, contact Mr. Christian Meinig at (206) 526-6149, or Christian.Meinig@noaa.gov.

Chart 18446

LNM: 03/13

OREGON – WASHINGTON – Japan Tsunami Marine Debris

Debris from the March 2011 tsunami in Japan has been sighted with satellite imagery and aerial photos in the Pacific Ocean. NOAA has used models to predict when the washed away debris may approach landfall on the coast. The results show the debris could make the coast in 2013. To read more of the report, or follow any updates, visit NOAA's web site at: <http://marinedebris.noaa.gov/info/japanfaqs.html>.

LNM: 03/12

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
16858	PIER 46 OVERHEAD CONVEYOR LIGHT	47-35-57.429N 122-20-20.941W	FI Y 2s			On overhead conveyor.	Private aid. 23/13
*	*	*	*	*	*	*	*

PUBLICATION CORRECTIONS

None

ENCLOSURES

Enclosure 1

OREGON - WASHINGTON - COLUMBIA RIVER - Dredging Operations

LNM: 23/13

Enclosure 2

OREGON - WASHINGTON - IDAHO - MONTANA - Marine Events

LNM: 23/13

Enclosure 3

COLUMBIA RIVER - Oceanographic Research - Chart

LNM: 10/13

Enclosure 4

COLUMBIA RIVER - Oceanographic Research

LNM: 10/13

Enclosure 5

Safety and Security Zones

LNM: 23/13

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 scheduled or in progress at the following locations:

Start Date	End Date	Times	Location	Dredge Vessel	Assist Vessel	Channels Monitored	Disposal Area	LNM
05 Jun 13	14 Jun 13	Mon-Sun 24 Hours	Coos Bay River (RM 04 to 08)	Yaquina	None	13 and 16 VHF-FM	Ocean, Site F	23/13
13 Jun 13	04 Jul 13	Mon-Sun 24 Hours	Puget Island Bar (RM 37 to 38)	Oregon	Clackamas, WL Williams, and WE Ivanoff	13 and 16 VHF-FM	Tenasillahe Island	23/13

*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.

OREGON - WASHINGTON - COLUMBIA RIVER – Dredging Operations Planned

Start Date	End Date	Times	Location	Dredge Vessel	Assist Vessel	Channels Monitored	USACE #
2013	2013	TBD	Portland, OR Willamette River (RM 5.1)	TBD	TBD	TBD	NWP-2012-302-2
2013	2013	TBD	Willamette River Willamette Park Boat Ramp (RM 15.8)	TBD	TBD	13 and 16 VHF-FM	NWP-2011-187
2013	2013	TBD	Columbia River Oregon Slough (RM 06)	TBD	TBD	13 and 16 VHF-FM	NWP-2009-621-2
2013	2013	TBD	Willamette River Terminal 2 (RM 10)	TBD	TBD	13 and 16 VHF-FM	NWP-2007-240/2
2013	2013	TBD	Willamette River Terminal 4 (RM 4 to 5)	TBD	TBD	13 and 16 VHF-FM	NWP-2007-240/2
2013	2013	TBD	Willamette River Terminal 5 (RM 1 to 2)	TBD	TBD	13 and 16 VHF-FM	NWP-2007-240/2
2013	2013	TBD	Columbia River Terminal 6 (RM 102 to 104)	TBD	TBD	13 and 16 VHF-FM	NWP-2007-240/2
2013	2013	TBD	Willapa Bay, WA	TBD	TBD	13 and 16 VHF-FM	NWS-2012-157
2013	2013	TBD	Budd Inlet Olympia, WA	TBD	TBD	13 and 16 VHF-FM	NWS-2012-1098
2013	2013	TBD	Willamette River (RM 147.4)	TBD	TBD	13 and 16 VHF-FM	NWP-2000-486/3
2013	2013	TBD	Lake Washington Salmon Bay	TBD	TBD	13 and 16 VHF-FM	NWS-2012-1261
2013	2013	TBD	Coquille River South Fork (RM 11.5)	TBD	TBD	13 and 16 VHF-FM	NWP-1995-296/6
2013	2013	TBD	Chetco River (RM 3.5)	TBD	TBD	13 and 16 VHF-FM	NWP-2013-43
2013	2013	TBD	Snake River (RM138 to Clearwater River RM 2)	TBD	TBD	13 and 16 VHF-FM	CENWW-PM-PD-EC 13-01

2013	2013	TBD	Port of Clarkston (Snake RM 139)	TBD	TBD	13 and 16 VHF-FM	CENWW-PM-PD-EC 13-01
2013	2013	TBD	Port of Lewiston	TBD	TBD	13 and 16 VHF-FM	CENWW-PM-PD-EC 13-01
2013	2013	TBD	Ice Harbor (Snake RM 9)	TBD	TBD	13 and 16 VHF-FM	CENWW-PM-PD-EC 13-01
2013	2013	TBD	Columbia River Port of Vancouver Terminal 2 and 4	TBD	TBD	13 and 16 VHF-FM	NWP-2007-916-1
2013	2013	TBD	Longview, WA Cowlitz River (RM 5)	TBD	TBD	13 and 16 VHF-FM	NWS-2012-1373
2013	2013	TBD	Coos Bay Ferndale/Marshfield Rngs (RM 13)	Yaquina	TBD	13 and 16 VHF-FM	YAQ-2013-06-00
2013	2013	TBD	Coos Bay Jarvis Ranges (RM 06 to 07)	Yaquina	TBD	13 and 16 VHF-FM	YAQ-2013-06-00
2013	2013	TBD	Coos Bay North Bend Turn (RM 08)	Yaquina	TBD	13 and 16 VHF-FM	YAQ-2013-06-00
2013	2013	TBD	Coos Bay Empire Ranges (RM 04)	Yaquina	TBD	13 and 16 VHF-FM	YAQ-2013-06-00

SECTOR COLUMBIA RIVER MARINE EVENTS

EVENT DATE	TIME	EVENT NAME	EVENT LOCATION
01-Apr-13 to 31-Mar-14		OCSA Sailboat Races	Columbia River
08-Jun-13 to 09-Jun-13	0700 – 1800	Portland Rose Festival Dragon Boat Races	Willamette River
29-Jun-13	0500 – 1600	TBF Qualifier Swan Island	Columbia River
30-Jun-13	0500 – 1600	TBF Qualifier Hood River	Bonneville Pool, Cascade Locks to the Dalles

SECTOR PUGET SOUND MARINE EVENTS

EVENT DATE	TIME	EVENT NAME	EVENT LOCATION
5-Jun-13	1700 - 2100	Annual Summer Series	Edmonds
5-Jun-13	1825 - 2100	SSSS 1st Wednesday Night Series Race	Budd Inlet
5-Jun-13	1700-2000	BYC Wednesday Series	Bellingham Bay
5-Jun-13	1900-2100	CYCT Windseeker Wednesdays	Commencement Bay
5-Jun-13	1800-2130	Lake Wednesday Interim Series	Lake Washington
5-Jun-13	1815-2030	Sound Wednesday Interin Series	Shilshole Bay
5-Jun-13	1800-2100	Wednesday Night Racing	Anacortes/Fidalgo Bay
6-Jun-13	1800-2100	TTPYC Summer Series Races	Des Moines
6-Jun-13	1815-2130	Sound Thursday Interim Series	Shilshole Bay
6-Jun-13	1800 - 2000	Thursday Night Racing	Port Madison
7-Jun-13	0600 - 2000	WSCYC June Six Pack Series	Port Orchard
8-Jun-13	1830-2030	Downtown Sailing Series	Elliott Bay
8-Jun-13	0900-1500	Get Out of the Boat Regatta	Anacortes
8-Jun-13	1200-1500	Leukemia Cup Regatta	Elliott Bay
8-Jun-13	0900-1730	WBF 2013 Classic Mariners Regatta	Port Townsend Bay
8-Jun-13	1200-1600	Wooden Boat, White Cap Series	Port Townsend Bay
8-Jun-13	1000-1500	Twenty-Sixth Annual Predicted Log Contest	Around Shaw Island
9-Jun-13	0900-1500	Get Out of the Boat Regatta	Anacortes
9-Jun-13	0900-1730	WBF 2013 Classic Mariners Regatta	Port Townsend Bay
9-Jun-13	1200-1600	Wooden Boat, White Cap Series	Port Townsend Bay
10-Jun-13	1830-2100	Budd Inlet Star Fleet Monday Night Racing	Budd Inlet
10-Jun-13	1815-2030	STYC Ballard Cup Series I, II, and III	Shilshole Bay
11-Jun-13	1845-2200	Duck Dodge	Lake Union
11-Jun-13	1700-2000	BYC Tuesday Series	Bellingham Bay
11-Jun-13	1800-2130	Lake Tuesday Interim Series	Lake Washington
12-Jun-13	1700 - 2100	Annual Summer Series	Edmonds
12-Jun-13	1825 - 2100	SSSS 1st Wednesday Night Series Race	Budd Inlet
12-Jun-13	1700-2000	BYC Wednesday Series	Bellingham Bay
12-Jun-13	1900-2100	CYCT Windseeker Wednesdays	Commencement Bay
12-Jun-13	1800-2130	Lake Wednesday Interim Series	Lake Washington
12-Jun-13	1815-2030	Sound Wednesday Interin Series	Shilshole Bay
12-Jun-13	1800-2100	Wednesday Night Racing	Anacortes/Fidalgo Bay
13-Jun-13	1830-2030	Downtown Sailing Series	Elliott Bay
13-Jun-13	1800-2100	TTPYC Summer Series Races	Des Moines
13-Jun-13	1815-2130	Sound Thursday Interim Series	Shilshole Bay
13-Jun-13	1800 - 2000	Thursday Night Racing	Port Madison
14-Jun-13	1400-1600	Classic Yacht Association Classic Weekend Parade	Elliott Bay
14-Jun-13	600 - 2000	WSCYC June Six Pack Series	Port Orchard
14-Jun-13	1800-2100	Summer Cat's Paw Regatta Series	Port Townsend Bay
15-Jun-13	0600-1600	Puget Sound Anglers Trout Derby	Lake Washington
15-Jun-13	1100-1700	SYTC Three Buoy Fiasco	Central Puget Sound
17-Jun-13	1830-2100	Budd Inlet Star Fleet Monday Night Racing	Budd Inlet
17-Jun-13	1815-2030	STYC Ballard Cup Series I, II, and III	Shilshole Bay

EVENT DATE	TIME	EVENT NAME	EVENT LOCATION
18-Jun-13	1845-2200	Duck Dodge	Lake Union
18-Jun-13	1700-2000	BYC Tuesday Series	Bellingham Bay
18-Jun-13	1800-2130	Lake Tuesday Interim Series	Lake Washington
19-Jun-13	1700 - 2100	Annual Summer Series	Edmonds
19-Jun-13	1825 - 2100	SSSS 1st Wednesday Night Series Race	Budd Inlet
19-Jun-13	1700-2000	BYC Wednesday Series	Bellingham Bay
19-Jun-13	1900-2100	CYCT Windseeker Wednesdays	Commencement Bay
19-Jun-13	1800-2130	Lake Wednesday Interim Series	Lake Washington
19-Jun-13	1815-2030	Sound Wednesday Interin Series	Shilshole Bay
19-Jun-13	1800-2100	Wednesday Night Racing	Anacortes/Fidalgo Bay
20-Jun-13	1830-2030	Downtown Sailing Series	Elliott Bay
20-Jun-13	1800-2100	TTPYC Summer Series Races	Des Moines
20-Jun-13	1815-2130	Sound Thursday Interim Series	Shilshole Bay
20-Jun-13	1800 - 2000	Thursday Night Racing	Port Madison
21-Jun-13	600 - 2000	WSCYC June Six Pack Series	Port Orchard
21-Jun-13	1800-2100	Summer Cat's Paw Regatta Series	Port Townsend Bay
22-Jun-13	1000-1700	BYC Etchell's Regetta	Bellingham Bay
22-Jun-13	1100 - 1800	Cruise and Snooze A and B	Shilshole to Port Madsion
22-Jun-13	0900 - 1800	Mad Dash	Edmonds
22-Jun-13	1400-1700	PNW Beneteau Cup	Elliott Bay
22-Jun-13	0900-2030	Port Townsend Midsummer Invitational Regatta	Port Townsend Bay
22-Jun-13	0800-2000	Summer Vashon Race	Vashon Island
22-Jun-13	1000 - 1630	The Lipton Cup	Port Madison
22-Jun-13	1000-1700	BYC Point Roberts Race	Bellingham Bay
23-Jun-13	1000-1700	BYC Etchell's Regetta	Bellingham Bay
23-Jun-13	1101 - 1800	Cruise and Snooze A and B	Shilshole to Port Madsion
23-Jun-13	1001 - 1630	The Lipton Cup	Port Madison
23-Jun-13	1000-1700	BYC Point Roberts Race	Bellingham Bay
24-Jun-13	1830-2100	Budd Inlet Star Fleet Monday Night Racing	Budd Inlet
24-Jun-13	1815-2030	STYC Ballard Cup Series I, II, and III	Shilshole Bay
25-Jun-13	1845-2200	Duck Dodge	Lake Union
25-Jun-13	1700-2000	BYC Tuesday Series	Bellingham Bay
25-Jun-13	1800-2130	Lake Tuesday Interim Series	Lake Washington
26-Jun-13	1825 - 2100	SSSS 2nd Wednesday Night Series Race	Budd Inlet
26-Jun-13	1700 - 2100	Annual Summer Series	Edmonds
26-Jun-13	1700-2000	BYC Wednesday Series	Bellingham Bay
26-Jun-13	1900-2100	CYCT Windseeker Wednesdays	Commencement Bay
26-Jun-13	1800-2130	Lake Wednesday Interim Series	Lake Washington
26-Jun-13	1815-2030	Sound Wednesday Interin Series	Shilshole Bay
26-Jun-13	1800-2100	Wednesday Night Racing	Anacortes/Fidalgo Bay
27-Jun-13	1830-2030	Downtown Sailing Series	Elliott Bay
27-Jun-13	1800-2100	TTPYC Summer Series Races	Des Moines
27-Jun-13	1815-2130	Sound Thursday Interim Series	Shilshole Bay
27-Jun-13	1800 - 2000	Thursday Night Racing	Port Madison
28-Jun-13	1000-1700	BYC Summer Soltice Series	Bellingham Bay
28-Jun-13	600 - 2000	WSCYC June Six Pack Series	Port Orchard
28-Jun-13	1800-2100	Summer Cat's Paw Regatta Series	Port Townsend Bay
29-Jun-13	1000-1800	Northwest Catalina Regatta	Shilshole Bay, Puget Sound
29-Jun-13	1000 - 1400	Sound Rowers Rat Island Regatta	Port Townsend Bay
29-Jun-13	0900 - 2000	WSCYC Brownsville Race	Port Orchard
29-Jun-13	1000-1700	BYC Jack and Jill Race	Bellingham Bay
1-Jul-13	1830-2100	Budd Inlet Star Fleet Monday Night Racing	Budd Inlet
1-Jul-13	1815-32030	STYC Ballard Cup Series I, II, and III	Shilshole Bay
2-Jul-13	1800-2130	Lake Tuesday Summer Series	Lake Washington
2-Jul-13	1845-2200	Duck Dodge	Lake Union

EVENT DATE	TIME	EVENT NAME	EVENT LOCATION
3-Jul-13	2200-2245	3rd of July Fireworks Celebration	Liberty Bay
3-Jul-13	2200-2230	Celebrate America Festival	Holmes Harbor
3-Jul-13	1700-2100	Poulbso's Third of July	Liberty Bay
3-Jul-13	1700-2000	BYC Wednesday Series	Bellingham Bay
3-Jul-13	1800-2100	Wednesday Night Racing	Anacortes/Fidalgo Bay
4-Jul-13	2215-2245	Anacortes 4th of July	Fidalgo Bay
4-Jul-13	2215-2245	Bainbridge 4th of July Fireworks	Eagle Harbor
4-Jul-13	2200-2230	Brewster Fire Department 4th of July	Brewster
4-Jul-13	2200-2230	Celebrate Kirkland	Moss Bay
4-Jul-13	2130-2300	City of Kenmore 4th of July	Log Boom Park
4-Jul-13	2200-2230	City of Mount Vernon 4th of July	Edgewater Park
4-Jul-13	2200-2230	Des Moines 4th of July	Des Moines Marina Pier
4-Jul-13	2220-2240	Everett 4th of July Fireworks	Port Gardner
4-Jul-13	2200-2230	Kingston Old Fashioned 4th of July	Appletree Cove
4-Jul-13	2200-2230	Port Angeles 4th of July Celebration	Port Angeles
4-Jul-13	2200-2230	Port Townsend Old Fashioned 4th of July at the Fort	Port Townsend Bay
4-Jul-13	2210-2240	Renton's Fabulous 4th of July	Lake Washington
4-Jul-13	2130-2300	Sheridan Beach Community Club	Lake Forest Park
4-Jul-13	2210-2240	Tacoma Freedom Fair	Commencement Bay
4-Jul-13	2200-2230	Three Tree Point Fireworks	Three Tree Point
4-Jul-13	2100-2300	Vashon Island 4th of July Foundation	Quartermaster Harbor
4-Jul-13	2200-2230	Yarrow's Point 4th of July Celebration	Cozy Cove, Yarrow Point
4-Jul-13	1400-0030	Tacoma Freedom Fair & Air Show	Commencement Bay
5-Jul-13	1800-2100	Summer Cat's Paw Regatta Series	Port Townsend Bay
6-Jul-13	2200-2245	Langlie's Old Fashioned Independence Celebration	Indianola
6-Jul-13	1100-1630	Crab Festival Regatta	Port Madison
7-Jul-13	1200-1600	Crab Festival Regatta	Port Madison
8-Jul-13	1830-2100	Budd Inlet Star Fleet Monday Night Racing	Budd Inlet
8-Jul-13	1815-2030	STYC Ballard Cup Series I, II, and III	Shilshole Bay
9-Jul-13	1800-2130	Lake Tuesday Summer Series	Lake Washington
9-Jul-13	1845-2200	Duck Dodge	Lake Union
9-Jul-13	1700-2000	BYC Tuesday Series	Bellingham Bay
10-Jul-13	1825 - 2100	SSSS 2nd Wednesday Night Series Race	Budd Inlet
10-Jul-13	1700-2000	BYC Wednesday Series	Bellingham Bay
10-Jul-13	1900-2100	CYCT Windseeker Wednesdays	Commencement Bay
10-Jul-13	1800-2100	Wednesday Night Racing	Anacortes/Fidalgo Bay
11-Jul-13	1830-2030	Downtown Sailing Series	Elliott Bay
11-Jul-13	1815-2130	Sound Thursday Summer Series	Shilshole Bay
11-Jul-13	1700 - 2100	Annual Summer Series	Edmonds
12-Jul-13	1000-1700	BYC Summer Soltice Series	Bellingham Bay
12-Jul-13	1800-2100	Summer Cat's Paw Regatta Series	Port Townsend Bay
13-Jul-13	2200-2230	Mercer Island Summer Celebration	Lake Washington
13-Jul-13	1000 - 1400	Sound Rowers Manchester Race	Kitsap
15-Jul-13	1830-2100	Budd Inlet Star Fleet Monday Night Racing	Budd Inlet
16-Jul-13	1800-2130	Lake Tuesday Summer Series	Lake Washington
16-Jul-13	1845-2200	Duck Dodge	Lake Union
16-Jul-13	1700-2000	BYC Tuesday Series	Bellingham Bay
17-Jul-13	1825 - 2100	SSSS 2nd Wednesday Night Series Race	Budd Inlet
17-Jul-13	1700-2000	BYC Wednesday Series	Bellingham Bay
17-Jul-13	1900-2100	CYCT Windseeker Wednesdays	Commencement Bay
17-Jul-13	1800-2100	Wednesday Night Racing	Anacortes/Fidalgo Bay
18-Jul-13	1830-2030	Downtown Sailing Series	Elliott Bay
18-Jul-13	1815-2030	Sound Thursday Summer Series	Shilshole Bay
18-Jul-13	1700 - 2100	Annual Summer Series	Edmonds
20-Jul-13	0800-1200	14th Annual Fat Salmon Open Water Swim	Lake Washington

EVENT DATE	TIME	EVENT NAME	EVENT LOCATION
22-Jul-13	1830-2100	Budd Inlet Star Fleet Monday Night Racing	Budd Inlet
22-Jul-13	1815-2030	STYC Ballard Cup Series I, II, and III	Shilshole Bay
23-Jul-13	1800-2130	Lake Tuesday Summer Series	Lake Washington
23-Jul-13	1845-2200	Duck Dodge	Lake Union
23-Jul-13	1700-2000	BYC Tuesday Series	Bellingham Bay
24-Jul-13	1825 - 2100	SSSS 2nd Wednesday Night Series Race	Budd Inlet
24-Jul-13	1700-2000	BYC Wednesday Series	Bellingham Bay
24-Jul-13	1900-2100	CYCT Windseeker Wednesdays	Commencement Bay
24-Jul-13	1800-2100	Wednesday Night Racing	Anacortes/Fidalgo Bay
25-Jul-13	1830-2030	Downtown Sailing Series	Elliott Bay
25-Jul-13	1815-2030	Sound Thursday Summer Series	Shilshole Bay
25-Jul-13	1700 - 2100	Annual Summer Series	Edmonds
26-Jul-13	2200-2245	Whaling Days	Dyes Inlet
26-Jul-13	1000-1700	BYC Summer Soltice Series	Bellingham Bay
27-Jul-13	1000-1700	BYC WOW Regatta	Bellingham Bay
27-Jul-13	1100 - 1400	Elk River Challenge	Elk River
27-Jul-13	0600-1600	Harbor Marine Salmon Tournment	Possession Sound, Mission Point
27-Jul-13	1000 - 2030	SYC - Jack and Jill Race	Shilshole
27-Jul-13	1200-1600	Wooden Boat, White Cap Series	Port Townsend Bay
28-Jul-13	0600-1600	Harbor Marine Salmon Tournment	Possession Sound, Mission Point
29-Jul-13	1830-2100	Budd Inlet Star Fleet Monday Night Racing	Budd Inlet
29-Jul-13	1815-2030	STYC Ballard Cup Series I, II, and III	Shilshole Bay
30-Jul-13	1800-2130	Lake Tuesday Summer Series	Lake Washington
30-Jul-13	1845-2200	Duck Dodge	Lake Union
30-Jul-13	1700-2000	BYC Tuesday Series	Bellingham Bay
31-Jul-13	1825 - 2100	SSSS Secretaries Series Race	Budd Inlet
31-Jul-13	1700-2000	BYC Wednesday Series	Bellingham Bay
31-Jul-13	1900-2100	CYCT Windseeker Wednesdays	Commencement Bay
31-Jul-13	1800-2100	Wednesday Night Racing	Anacortes/Fidalgo Bay

COLUMBIA RIVER – ENTRANCE – Oceanographic Research

A group of oceanographic institutions will be conducting oceanographic research in the vicinity of the entrance of the Columbia River (RM -3 to RM 5) from 08 May 13 until 20 Jun 13. The hours of operations for multiple research vessels (Tommy Thompson, Oceanus, Pt. Sur) will be 24 hours a day, while the research vessels Inferno, Snavelly and the charter vessel Westwind will be working variable hours. These vessels will be deploying and recovering scientific instruments and conducting underway surveys. These vessels will monitor VHF FM Channels 13, 14 and 16. Mariners are requested to keep a safe distance when in the vicinity of the research vessels. For additional information, contact Andrew Jessup, University of Washington at (206) 685-2609 or Jamie MacMahan, Naval Postgraduate School (831) 656-2379.

	Position	Instrument Type	Surface Marker	Light	Deploy/Recovery Date
A.	46-14-31.0N 124-03-41.0W	Surface mooring / Meteorological Station	Yellow instrumented buoy	F1 A 4s	08 May 13 / 20 Jun 13
B.	46-13-48.0N 124-05-33.0W	Surface mooring / Meteorological Station	Yellow instrumented buoy	F1 A 4s	08 May 13 / 20 Jun 13
C.	46-13-03.0N 124-07-23.0W	Surface mooring / Meteorological Station	Yellow instrumented buoy	F1 A 4s	08 May 13 / 20 Jun 13
D.	46-15-50.74N 124-03-52.76W	Bottom Tripod, 3m high	Air filled buoy	Unlighted	08 May 13 / 18 Jun 13
E.	46-14-53.01N 123-58-50.14W	Bottom Tripod, 3m high	Air filled buoy	Unlighted	08 May 13 / 18 Jun 13
F.	46-13-48.34N 123-59-9.59W	Bottom Tripod, 3m high	Air filled buoy	Unlighted	08 May 13 / 18 Jun 13
G.	46-15-30.0N 124-12-58W	Surface mooring, wave station	Yellow instrumented buoy	F1 A 2s	26 May 13 / 06 Jun 13
H.	46-15-20.0N 124-10-0.0W	Bottom Tripod, 2m high	Orange foam-filled buoy	F1 A 2s	26 May 13 / 06 Jun 13
I.	46-14-48.0N 124-03-44.0W	Bottom Tripod, 2m high	Orange foam-filled buoy	F1 A 2s	26 May 13 / 06 Jun 13
J.	46-14-38.0N 124-02-09.0W	Bottom Tripod, 2m high	Orange foam-filled buoy	F1 A 2s	26 May 13 / 06 Jun 13
K.	46-14-38.0N 124-02-09.0W	Bottom Tripod, 2m high	Orange foam-filled buoy	F1 A 2s	26 May 13 / 06 Jun 13
L.	46-14-60.0N 124-04-12.0W	Bottom Tripod, 3m high	Yellow foam-filled buoy	F1 A 4s	08 May 13 / 18 Jun 13
M.	46-14-33.6N 124-05-13.8W	Bottom Tripod, 3m high	Yellow foam-filled buoy	F1 A 4s	08 May 13 / 18 Jun 13
N.	46-14-43.567N 124-04-29.231W	Bottom Tripod, 2m high	Yellow foam-filled buoy	Unlighted	20 May 13 / 31 May 13
O.	46-16-00.061N 124-03-53.213W	Bottom Tripod, 2m high	Yellow foam-filled buoy	Unlighted	20 May 13 / 31 May 13
P.	46-15-13.0N 124-08-50.0W	Instrumented anchor	Orange foam-filled buoy	F1 A 2s	Various dates/times
Q.	46-15-07.0N 124-07-41.0W	Instrumented anchor	Orange foam-filled buoy	F1 A 2s	Various dates/times
R.	46-15-01.0N 124-06-30.0W	Instrumented anchor	Orange foam-filled buoy	F1 A 2s	Various dates/times
S.	46-14-50.0N 124-04-37.0W	Instrumented anchor	Orange foam-filled buoy	F1 A 2s	Various dates/times

T.	46-14-42.0N 124-02-56.0W	Instrumented anchor	Orange foam-filled buoy	Fl A 2s	Various dates/times
U.	46-14-47.332N 124-05-01.873W	Bottom Tripod, 2m high	Yellow foam-filled buoy	Unlighted	Various dates/times
V.	46-15-12.716N 124-05-37.039W	Bottom Tripod, 2m high	Yellow foam-filled buoy	Unlighted	Various dates/times
W.	46-15-04.398N 124-04-14.061W	Bottom Tripod, 2m high	Yellow foam-filled buoy	Unlighted	Various dates/times
X.	46-15-39.377N 124-04-22.390W	Bottom Tripod, 2m high	Yellow foam-filled buoy	Unlighted	Various dates/times
Y.	46-15-16.183N 124-02-39.787W	Bottom Tripod, 2m high	Yellow foam-filled buoy	Unlighted	Various dates/times
Z.	46-15-49.142N 124-02-42.857W	Bottom Tripod, 2m high	Yellow foam-filled buoy	Unlighted	Various dates/times
AA.	46-15-27.487N 124-01-00.962W	Bottom Tripod, 2m high	Yellow foam-filled buoy	Unlighted	Various dates/times
AB.	46-15-16.245N 124-00-05.384W	Bottom Tripod, 2m high	Yellow foam-filled buoy	Unlighted	Various dates/times
AC.	46-15-07.760N 124-00-11.542W	Bottom Tripod, 2m high	Yellow foam-filled buoy	Unlighted	Various dates/times
AD.	46-15-03.597N 123-59-03.243W	Bottom Tripod, 2m high	Yellow foam-filled buoy	Unlighted	Various dates/times
AE.	46-14-49.268N 123-59-25.537W	Bottom Tripod, 2m high	Yellow foam-filled buoy	Unlighted	Various dates/times
AF.	46-14-50.679N 123-57-58.778W	Bottom Tripod, 2m high	Yellow foam-filled buoy	Unlighted	Various dates/times
AG.	46-14-30.561N 123-58-38.585W	Bottom Tripod, 2m high	Yellow foam-filled buoy	Unlighted	Various dates/times
AH.	46-14-37.444N 123-56-53.964W	Bottom Tripod, 2m high	Yellow foam-filled buoy	Unlighted	Various dates/times
AI.	46-14-10.971N 123-57-50.357W	Bottom Tripod, 2m high	Yellow foam-filled buoy	Unlighted	Various dates/times

Small, free floating instrumented floats/drifters will also be deployed and retrieved during daylight hours. They will be released on flood and ebb tides and will transit the bar region. They are primarily of PVC construction and lightweight and are marked with points of contact.

SAFETY AND SECURITY ZONES

Washington - Tank Ship Protection 33 CFR 165.1313

Do not approach within 100 yards of any Tank Ship. No vessel or person is allowed within 100 yards of a tank ship, unless authorized by the on-scene official patrol or tank ship master. If you need to pass within 100 yards of a Tank ship, in order to ensure a safe passage and in accordance with the Navigation Rules, you must contact the Tank Ship on VHF-FM channel 16. When within a tank ship security zone all vessels shall operate at the minimum speed necessary to maintain a safe course and shall proceed as directed by the on-scene official patrol or tank ship master.

Washington - Large Passenger Protection 33 CFR 165.1317

When within a large passenger vessel security and safety zone all vessels must operate at minimum speed necessary to maintain a safe course and must proceed as directed by the on-scene official patrol or large passenger vessel master. No vessel or person is allowed within 100 yards of a large passenger vessel that is underway or at anchor, unless authorized by the on-scene official patrol or large passenger vessel master. No vessel or person is allowed within 25 yards of a large passenger vessel that is moored.

Oregon - Large Passenger Protection 33 CFR 165.1318

When within a large passenger vessel security and safety zone all vessels must operate at minimum speed necessary to maintain a safe course and must proceed as directed by the on-scene official patrol or large passenger vessel master. No vessel or person is allowed within 100 yards of a large passenger vessel that is underway or at anchor, unless authorized by the on-scene official patrol or large passenger vessel master. No vessel or person is allowed within 25 yards of a large passenger vessel that is moored.

Washington – Protection of Military Cargo - Naval Vessel Protection Zone 33 CFR 165.1321

Do not approach within 100 yards of any U.S. Naval Vessel. Within 500 yards of operation of the U.S. Naval Vessel you must transit at minimum safe operating speed. If you need to pass within 100 yards of a U.S. Naval Vessel, in order to ensure a safe passage and in accordance with the Navigation Rules, you must contact the U.S. Naval Vessel of the Coast Guard escort vessel on VHF-FM channel 16. Vessels 20 meters or greater in length should seek permission from the COTP or a Designated Representative at least 4 hours in advance. Vessel less than 20 meters in length should seek permission at least 1 hour in advance. VTS Puget Sound may be reached on VHF-FM channel 14.

Washington - Elliot Bay – Cruise Ship Protection - Pier 91 33 CFR 165.1324

The Captain of the Port, Puget Sound has established the following areas as safety zones: All waters extending 1,000 yards due south from the end of Pier 91, to be in effect only during the arrival or departure of Large Passenger Cruise Vessels at Pier 91, Seattle, Washington. Additionally, a safety zone encompassing all waters within 100 yards surrounding Pier 91, Seattle, Washington is in effect when a Large Passenger Cruise Vessel is moored at Pier 91. In accordance with the general regulations in 33 CFR Part 165, Subpart D, no person or vessel may enter or remain in this security and safety zone, except for vessels authorized by the Captain of the Port or Designated Representatives.

Washington – Escorted U.S. Navy submarines in Sector Seattle COTP Zone 33 CFR 165.1327

The following area is a security zone: All waters within 1000 yards of any U.S. Navy submarine that is operating in the Sector Puget Sound Captain of the Port Zone, as defined in 33 CFR Section 3.65–10, and is being escorted by the Coast Guard. In accordance with the general regulations in 33 CFR Section 165, Subpart D, no person or vessel may enter or remain in the security zone created by paragraph (a) of this section unless authorized by the Coast Guard patrol commander. The Coast Guard patrol commander will coordinate with Vessel Traffic System users on a case-by-case basis to make appropriate passing arrangements under the circumstances. 33 CFR Section 165, Subpart D, contains additional provisions applicable to the security zone created in paragraph (a) of this section. The Coast Guard security escort will attempt, when necessary and practicable, to notify any persons or vessels inside or in the vicinity of the security zone created in this section of its existence via VHF Channel 16 and/or any other means reasonably available.

Washington – U.S. Navy submarines in Hood Canal RNA 33 CFR 165.1328

The following area is a regulated navigation area (RNA): All waters of the Hood Canal in the State of Washington whenever any U.S. Navy submarine is operating in the Hood Canal and is being escorted by the Coast Guard. For purposes of this section, "Hood Canal" means all waters of Hood Canal, including Dabob Bay, located between two lines with the first line connecting positions 47°37.9' N, 122°57.1' W and 47°37.9' N, 122°52.9' W and the second line connecting positions 48°00.7' N, 122°41.0' W and 47°56.4' N, 122°36.9' W. Regulations. All persons and vessels located within the RNA created by this section shall follow all lawful orders and/or directions given to them by Coast Guard security escort personnel. 33 CFR Section 165, Subpart B, contains additional provisions applicable to the RNA created in this section. The Coast Guard security escort will attempt, when necessary and practicable, to notify any persons or vessels in the RNA created in this section of its existence via VHF Channel 16 and/or any other means reasonably available.

Washington – Elliot Bay – Pier 36 Security Zone 33 CFR 165. 1334

The Coast Guard has established a security zone at U.S. Coast Guard (USCG) Base Support Unit Seattle, Pier 36, Elliot Bay, Seattle, WA. This permanent security zone is necessary to protect military and visiting foreign vessels, waterfront facilities, and the maritime public from destruction, loss, or injury from sabotage, subversive acts, or other malicious acts of a similar nature. Entry into or movement within this security zone is prohibited without the permission of the Captain of the Port or a Designated Representative. 165.1334 Security Zone; U.S. Coast Guard BSU Seattle, Pier 36, Elliot Bay, Seattle, WA. (a) Location: The following area is a security zone: all waters east of a line from 47-35.450°N 122-20.585°W to 47-35.409°N 122-20.585°W at Pier 36, Elliot Bay, Seattle, WA. (b) Regulations: In accordance with the general regulations in 33 CFR Part 165, Subpart D, no vessel may enter, transit, moor, or anchor within this security zone located at Pier 36, Elliot Bay, WA, except for vessels authorized by the Captain of the Port or Designated Representative. (c) Authorization: To request authorization to operate within this security zone, contact United States Coast Guard Sector Puget Sound Joint Harbor Operations Center at 206-217-6001.