



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

LOCAL NOTICE TO MARINERS

District: 13

Week: 48/12

ISSUED BY: COMMANDER, THIRTEENTH COAST GUARD DISTRICT (dpw)
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COMDTPUB P16502.6, Light List Volume VI, 2012 Edition and Coast Pilot Volume 7.
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	D13-1357-12	D13-1387-12

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
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
 FI - Flashing
 G - Green
 GIWW - Gulf Intracoastal Waterway
 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
 USACE - Army Corps of Engineers
 W - White
 Y - Yellow

Additional Abbreviations Specific to this LNM Edition:

AtoN - Aids to Navigation LLNR - Light List Number RM - River Mile Marker IVO - In Vicinity Of NM - Nautical Miles
 WSDOT- Washington Department of Transportation NUWC - Naval Undersea Warfare Center CPA - Closest Point of Approach

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

RADIOTELEPHONE DISTRESS WATCHKEEPING CLOSURE

Effective at 0001Z on 01 Feb 12, USCG Sectors and cutters within the continental U.S. will terminate its radio guard of the international voice distress, safety and calling frequency 2182 KHZ, and the international digital selective calling (DSC) distress and safety frequency 2187.5 KHZ. Additionally, marine information and weather broadcasts transmitted on 2670 KHZ will terminate at the same time.

The following exemptions apply:

1. All USCG stations in the 14th (Honolulu, HI) and 17th (Juneau, AK) Coast Guard Districts are exempted from this termination action. Marine information and weather broadcast on 2670 KHZ will continue as currently scheduled.
2. USCG Communication Area Master Stations (CAMS), and Communication Stations (COMMSTAs), including: Boston, MS, Chesapeake, VA, Miami, FL, New Orleans, LA, Pt Reyes, CA, and Honolulu, HI.
3. The following Sector sites will continue their current medium frequency (2182 KHZ voice, 2187.5 KHZ and 2670 KHZ) marine info and weather broadcasts in operation until further notice.

Site	Controlled by
Southwest Harbor, ME	Sector Northern New England
Cape Elizabeth, ME	Sector Northern New England
Provincetown, MA	Sector Southeastern New England
Fort Wadsworth, NY	Sector New York
Cape May, NJ	Sector Philadelphia
Oregon Inlet, NC	Sector North Carolina
Sullivans Island, SC	Sector Charleston, SC
Ponce de Leon, FL	Sector Jacksonville, FL
Marathon, FL	Sector Key West

Stations will identify by its name as its radio call sign.

4. The USCG may maintain some additional Sectors sites for a limited period. These sites may terminate with little to no notice.
5. The USCG will continue to maintain a continuous watch on VHF-FM channels 16 (156.8 MHZ), and on existing voice and DSC frequencies in the 4/6/8/12 and 16 MHZ bands as described in the Coast Guard Navigation Center website:
<http://www.navcen.uscg.gov/?pageName=cgcommsCall>.

LNM: 48/12

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 a tower inspection from 0800 to 1600 on 18 Dec 12, with an alternate time from 0800 to 1600 on 19 Dec 12. 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: 47/12

WASHINGTON – ELLIOTT BAY – DUWAMISH RIVER – Temporary Deployment of Scientific Instruments

The University of Washington will be placing five temporary scientific seafloor instruments in the Duwamish River, shown in enclosure 5, between 26 Nov 12 and 10 Dec 12. These instruments will be deployed inside the channel, but not mid channel for allision avoidance, and extend approximately two feet above the river bottom. A weighted recovery line will be marked with a surface float well outside of the main channel.

For more information contact Ms. Margaret McKeon at: (978) 314-9133, or by e-mail at: mckeon@uw.edu.

Chart 18450

LNM: 47/12

MONTANA – BILLINGS DGPS SITE – Proposed DGPS Off-Air Time

The USCG NAVCEN is proposing an off-air time at the Billings, MT, DGPS (874) broadcast site for a tower inspection/maintenance from 0800 to 1600 MST on 04 Dec 12, with an alternate date of 0800 to 1600 MST on 05 Dec 12. Mariners may experience a loss of coverage during these times. For additional information or objections, contact Navigation Center DGPS Operations at (703) 313-5902.

LNM: 46/12

WASHINGTON – IDAHO – SPOKANE DGPS SITE – Proposed DGPS Off-Air Time

The USCG NAVCEN is proposing an off air date for the Spokane, WA DGPS broadcast site (848) for tower maintenance from 0800 to 1600 PST on 10 Dec 12, with an alternate date of 0800 to 1600 PST on 11 Dec 12. A slight loss of coverage in some areas during this time may be experienced. For additional information or objections, contact Navigation Center DGPS Operations at (703) 313-5902.

LNM: 46/12

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 "MSUPortlandWVMDH@uscg.mil".

Chart 18532

LNM: 45/12

COLUMBIA RIVER – CATHLAMET BAY SOUTH CHANNEL – Temporary Buoy Established

A temporary quick flashing red (Q R) lighted buoy has been established in approximate position 46-12-47.143N, 123-45-22.308W. This buoy is a temporary replacement for Cathlamet Bay South Channel Light 2 (LLNR 14720) that was previously listed destroyed in LNM 44/12.

Chart 18521

LNM: 45/12

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
645	Yaquina Bay Approach Lighted Whistle Buoy Y	LT IMCH	18581	1357-12	48/12	
665	Cape Kiwanda Bell Buoy CK	SS IMCH	18520	1300-12	45/12	
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	
9575	Yaquina Bay Approach Lighted Whistle Buoy Y	LT IMCH	18581	1357-12	48/12	
9960	Peacock Spit Lighted Bell Buoy 11	LT EXT	18521	1372-12	48/12	
10025	Tansy Point Range Front Light	DAYMK MISSING	18521	1361-12	48/12	
10035	Tansy Point Range Rear Light	DAYMK MISSING	18521	1362-12	48/12	
10415	Bugby Hole Light 46	STRUCT DEST	18523	1156-11	25/11	
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	
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	STRUCT DEST	18521	1234-12	44/12
15585	Point Chehalis Range Front Light	DAYMK MISSING	18502	1012-09	50/09
16225	Race Rocks Light (C)	SS IMCH	18465	1085-12	39/12
16370	Rosario Strait Traffic Separation Lane Lighted Buoy RA	RAC INOP	18421	1311-12	46/12
16975	Puget Sound Traffic Separation Lane Lighted Buoy TA	REDUCED INT	18474	1177-12	43/12
17270	Eagle Island Light 1	LT EXT	18445	1368-12	48/12
18270	Webster Point Light 21	LT EXT	18447	1371-12	48/12
19475	Lydia Shoal Lighted Gong Buoy 13	LT EXT	18430	1387-12	48/12
19535	Rosario Strait Traffic Separation Lane Lighted Buoy CA	REDUCED INT	18430	1385-12	48/12
19815	Boundary Pass Shoal Isolated Danger Lighted Bell Buoy DB	LT IMCH	18431	1366-12	48/12
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
10880	Cottonwood Island Upper Range Rear Light	RELIGHTED	18524	1364-12	47/12	48/12
10955	Bybee Ledge Channel Range Rear Light	WATCHING PROPERLY	18524	1386-12	46/12	48/12
11165	Willow Dike Light 26	RELIGHTED	18525	1365-12	47/12	48/12
11465	Government Island Range Front Light	WATCHING PROPERLY	18531	1358-12	47/12	48/12
15005	Elk Rock Buoy 10	WATCHING PROPERLY	18528	1381-12	48/12	48/12
18005	Eagle Harbor Light 3	RELIGHTED	18449	1363-12	47/12	48/12
19015	Cap Sante Waterway Light 6	RELIGHTED	18427	1369-12	48/12	48/12
19965	Point Roberts Light	RELIGHTED	18421	1383-12	46/12	48/12

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
16845	Smith Cove Lighted Buoy 3	LT IMCH	18450	1384-12	48/12	
19230	Georgia Pacific Outfall Lighted Buoy	LT EXT	18424	1376-12	48/12	

DISCREPANCIES (PRIVATE AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
12390	John Day Dam Lower Guidewall Light 4	WATCHING PROPERLY	18535	1380-12	44/12	48/12
18758	Mariners Cove Warning Light A	WATCHING PROPERLY	18423	1379-12	43/12	48/12
19195	Vendovi Cove Light	RELIGHTED	18424	1370-12	41/12	48/12

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	
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
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None

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

SECTION IV - CHART CORRECTIONS

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		

<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)

**COLUMBIA RIVER – CRIMS ISLAND TO ST. HELENS – COTTONWOOD ISLAND - Cottonwood Island Upper Range Front
Light reduction in daymark size**

The U.S. Coast Guard is proposing to reduce the size of the daymark on Cottonwood Island Upper Range Front Light (LLNR 10875) from an 8KRB (8' wide by 16' tall) to a 6KRB (6' wide by 12' tall). The current daymark is oversized for the range design and is seasonally damaged by

high river levels.

Chart 18524

LNM: 48/12

COLUMBIA RIVER – CRIMS ISLAND TO ST. HELENS – MARTIN ISLAND - Bybee Ledge Channel Range Front Light reduction in daymark size

The U.S. Coast Guard is proposing to reduce the size of the daymark on Bybee Ledge Channel Range Front Light (LLNR 10950) from an 8KRB (8' wide by 16' tall) to a 6KRB (6' wide by 12' tall). The current daymark is oversized for the range design and is seasonally damaged by high river levels.

Chart 18524

LNM: 48/12

COLUMBIA RIVER – VANCOUVER TO BONNEVILLE – GOVERNMENT ISLAND – Government Island Upper Range Front & Rear Light conversions to LED lanterns

The U.S. Coast Guard is proposing to convert Government Island Upper Range Front Light (LLNR 11480) and Government Island Upper Range Rear Light (LLNR 11485) from all around lights with a high intensity beam, to standard range lights. Government Island Upper Range Front Light will have a visible light of 28 degrees (14° either side on the channel centerline, and Government Island Upper Range Rear Light will have a visible light of 3 degrees (1.5° either side of the channel center line). The visible intensity of the lights will increase to approximately double their current intensity. This change is proposed to allow the conversion of the lights to LED hardware, increase the intensity and ensure greater reliability of the light signal.

Chart 18531

LNM: 48/12

WASHINGTON – WILLAPA BAY – Bay Center Channel Light 6 removal of high intensity beam

The U.S. Coast Guard is proposing to remove the high intensity beam from Bay Center Channel Light 6 (LLNR 15500) and increase the nominal range from four (4) to five (5) nautical miles, to facilitate the installation of a self-contained LED lantern to increase the light signal reliability.

Chart 18504

LNM: 48/12

WASHINGTON – PUGET SOUND – SEATTLE TO OLYMPIA – Puget Sound Traffic Separation Lane Lighted Buoy TA reduction in intensity

The U.S. Coast Guard is proposing to reduce the nominal range of Puget Sound Traffic Separation Lane Lighted Buoy TA (LLNR 16975) from six (6) to five (5) nautical miles, to facilitate the installation of a self-contained LED lantern to increase the light signal reliability.

Chart 18448

LNM: 48/12

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
FDR Lake Columbia R.	Kettle Falls RR Bridge	Kettle Falls, WA	EXT	07/18/12	No BNM
Columbia River	Kettle Falls Hwy Bridge	Kettle Falls, WA	EXT	07/18/12	No BNM
Columbia River	Lady Island Bridge	Camas, WA	EXT	08/05/12	No BNM
Snake River	Lewiston-Clarkston Bridge	Lewiston, ID	EXT	08/08/12	0895-12
Columbia River	Old Youngs Bay Bridge	Astoria, OR	EXT	08/14/12	0919-12
Columbia River	Union Pacific RR Bridge	Kennewick, WA	EXT	08/20/12	0941-12
Puget Sound	Tacoma Narrows Bridge	Tacoma, WA	EXT	08/25/12	0969-12
Thea Foss Waterway	11th Street Bridge	Tacoma, WA	EXT	08/26/12	0971-12
Willamette River	Lake Oswego RR Bridge	Oswego, OR	EXT	09/04/12	No BNM
Snake River	Joso Bridge	Lyons Ferry, WA	Down River G LT EXT	09/04/12	No BNM
Snake River	Sargent Bridge	Starbuck, WA	R LTs EXT	09/04/12	No BNM
Snake River	Camas Prairie RR Bridge	Lewiston, ID	EXT	09/07/12	1023-12
Stillaguamish River	West Pass Bridge	Stanwood, WA	EXT	11/15/12	1348-12
Alsea Bay	Alsea Bay Bridge	Waldport, OR	G LT EXT	11/16/12	1349-12

LNM: 48/12

BRIDGE LIGHTING DISCREPANCIES CONTINUED

Waterway	Bridge Name	Location	Status	Date reported	BNM
Willamette River	St. Johns BNRR Bridge	Portland, OR	Center Span Wht LT EXT	09/22/12	1090-12
Puget Sound	Agate Pass Bridge	Suquamish, WA	SW Piling LT EXT	10/01/12	1129-12
Willamette River	Wilsonville Bridge (1-5)	Wilsonville, OR	Dwn River G Cntr LT EXT	10/23/12	No BNM
Willamette River	Wilsonville RR Bridge	Wilsonville, OR	Dwn River G Cntr LT EXT	10/23/12	No BNM

LNM: 48/12

BRIDGE LIGHTING DISCREPANCIES CORRECTED

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

BRIDGE LIGHTING DISCREPANCIES CORRECTED

None

LNM: 48/12

COLUMBIA RIVER – LONGVIEW - Lewis and Clark Bridge painting

The WSDOT has commenced painting on the Lewis and Clark Bridge superstructure over the Columbia River at RM 66.0 at Longview, WA. Painting will take place through the winter of 2013. Platforms and cables may be in rigged seasonally, in one or more spans with work commencing on the center span. The vertical clearance will be reduced by five feet. For additional information, contact WSDOT at (360) 442-1369.

Chart 18524

LNM: 13/11

Columbia River – Pasco to Richland – Special Bridge Notice

WSDOT will be performing minor maintenance to the US 395 bridge, also known as the Pioneer Memorial Bridge or Blue Bridge, which crosses the Columbia River, RM 330, between Kennewick and Pasco Washington. The maintenance activity is scheduled from 27 Sept 12 through 4 Dec 12 during which time a portable work platform approximately 4-8 feet wide will be intermittently deployed up to 15 ft below the bottom of the bridge. Mariners are advised to use caution when transiting beneath the bridge during maintenance activities.

Chart 18543

LNM: 35/12

OREGON – WILLAMETTE RIVER – Port of Portland temporary Lighted Buoys for construction

Orange and white lighted buoys have been placed in the following positions for construction:

Willamette River, Tri-Met Bridge at RM 13.5: Orange and white buoys showing a flashing white six (6) second light (Fl W 6s)

- A) 45-30-19.900N, 122-40-08.200W B) 45-30-23.400N, 122-40-02.900W C) 45-29-25.200N, 122-40-00.000W
- D) 45-30-14.800N, 122-39-55.400W E) 45-30-10.900N, 122-40-01.500W.

Chart 18526

LNM: 11/12

OREGON – WILLAMETTE RIVER – Sellwood Bridge construction

The Sellwood Bridge at RM 16.6 on the Willamette River is under construction for replacement from Dec 2011 to Mar 2015. 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.

Chart 18526

LNM: 47/11

WASHINGTON – TACOMA HARBOR – Murray Morgan Bridge Notice

The USCG has issued a temporary deviation from the operating schedule that governs the Murray Morgan Bridge, also known as the South 11th Street Bridge, across the Thea Foss Waterway, mile 0.6, previously known as City Waterway, at Tacoma, WA. This deviation is necessary to perform extensive maintenance and repair work on the bridge as part of a major bridge rehabilitation project. This deviation allows the lift span to remain in the closed (down) position from 0800 local time on 10 Nov 12 through 2000 local time on 21 Dec 12; except as otherwise outlined in this announcement. During this deviation period the bridge will be placed in the open position from 0800 local time on 22 Nov 12 through 2000 local time on 25 Nov 12, and from 0800 local time on 08 Dec 12 through 2000 local time on 09 Dec 12.

Chart 18453

LNM: 44/12

WASHINGTON – LAKE WASHINGTON SHIP CANAL – Ballard Street Bascule Bridge Construction Activities

Mariners are advised to operate with caution while transiting in the vicinity of the Ballard Bridge, Lake Washington Ship Canal, mile 1.1. There will be construction activities conducted from a work barge alongside the Ballard Bridge until 15 Jan 14. The construction barge will not be in the navigation channel, but instead on the north and south side of the channel. The construction is to seismic retrofit the bridge piers.

Chart 18447

LNM: 39/12

WASHINGTON – LAKE WASHINGTON – SR520 BRIDGE: Special Bridge Notice (Revised from LNM 27/12)

The 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. Enclosure 4 displays the locations of lighted mooring buoys for the bridge construction vessels. These buoys are white with white flashing lights every four seconds (Fl 4s).

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.

Chart 18447

LNM: 43/12

OREGON – REEDSPORT – Temporary Buoy

OREGON – REEDSPORT – Temporary Buoy

A temporary lighted yellow buoy flashing yellow every 4 seconds (FI Y 4s) has been set at approximate position 43-46-05.663N, 124-14-12.880W.

Chart 18580

LNM: 31/12

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

Heceta Head Lighthouse (LLNR 635) will be extinguished for approximately two years for the Heceta Head Lighthouse Restoration Project, that began on 01 Jan 12. 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 – ASTORIA – Pier Construction

Construction activities for replacement of the 17th Street Pier in Astoria, OR. will begin on 24 Sep 12, and continue through early spring 2013. The construction will be at approximately 46-11-24 N / 123-49-27 W. Mariners can expect crane barges, material barges, tug/push boats and work skiffs operating in this area. VHF-FM Channels 13, 16 and 17 will be monitored during work hours. For more information, contact Greg Morrill at (503) 325-7130, or email gmorrill@bergerson-const.com, or visit www.bergerson-const.com.

Chart 18521

LNM: 38/12

COLUMBIA RIVER – CATHLAMET CHANNEL – Severe Shoaling

During an Aids to Navigation verification, the USCG discovered increased shoaling inside the Cathlamet Channel IVO Buoy 5 (LLNR 10543). Depths up to two feet were observed around Buoy 5. Note the chart correction "Shoaling Rep 2001" IVO Buoy 5 on chart 18523. Depths shallower than charted were observed between Buoys 5 and 7. Mariners are urged to transit the area at high tide and use extreme caution.

Chart 18523

LNM: 36/11

COLUMBIA RIVER – LONGVIEW – Millennium Bulk Terminals Construction

Construction work and pile driving will be conducted at the Millennium Bulk Terminals in Longview, WA, at RM 63, until 16 Dec 12. Operations will be performed 12 hours per day, 5-7 days per week. The Tug Nova and derrick barges Sea Hawk and Sea Vulture will be on site. VHF-FM Ch 69 will be used as the working channel, and Ch 13 and 16 will be monitored. Mariners are requested to transit the area at a safe speed to reduce wake on the construction vessels. For more information, call (503) 519-7091.

Chart 18524

LNM: 40/12

COLUMBIA RIVER – OREGON – BONNEVILLE – Dolphins Out of Service

Effective immediately, the Portland District USACE announces that Mooring Dolphins #1 and #3 at RM 145 are out of service for both personal water craft and commercial river traffic tie offs. On Wednesday June 20th, USACE conducted an inspection of the 6 mooring dolphins located above Bonneville Project at Ft. Rains, and determined that Mooring Dolphins #1 and #3 are unsafe for use until further notice. For identification purposes, Dolphin #1 is the lower most pier in the set of 6, and does not have a sign numbering it. Dolphin #3 is the third in the sequence upstream and is marked with a sign denoting it as #3. For more information, contact Kevin Moynahan at (503) 808-4330, or Kevin.moynahan@usace.army.mil.

Chart 18531

LNM: 26/12

COLUMBIA RIVER – BONNEVILLE TO THE DALLES – BONNEVILLE POOL – Vessel Grounding (revised from LNM 31/11)

The grounded barge previously reported anchored parallel to the Washington side of the Columbia River at RM 176.7, has sunk. Depths of 12 to 20 feet have been reported over the barge. A temporary green buoy labeled 'WK' with a quick green flashing (QG) light has been placed at approximate position 45-40-57.612N 121-15-23.880W to mark the wreck. Mariners should exercise caution when transiting the area.

Chart 18532

LNM: 41/11

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

The USACE, Walla Walla and Portland Districts, are implementing the winter seasonal lockage schedule, which is effective from 16 Sep 12 to 14 May 13, for the passage of recreational craft through the navigation locks. Commercial vessels 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: <https://www.nww.usace.army.mil/Missions/Navigation.aspx>, or contact the Operations Division at (509) 527-7115 or (509) 527-7120.

LNM: 38/12

Snake River – Minimum Operating Pool Transition

Low river flows are expected to continue through the remainder of the calendar year 2012 in these pools. Special pool operations to aid safe navigation past shoaling at the Ice Harbor Coffey Cells will remain in place when flows are at or below 45 kcfs. Water storage to assist with navigation safety will still be limited by several constraints, and it may take many hours (up to 24 hours) to provide the water needed for several special operations during a 24-hour period.

Continue to use the call-ahead procedure that is currently in place to notify Ice Harbor control room of your need for the special pool operation. Your cooperation in this matter is much appreciated. For additional information, please call Operations Division, at (509) 527-7115 or (509) 527-7120.

Charts: 18545 18546 18547 18548

LNM: 36/12

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

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

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 – Obstruction to Navigation at the Downstream Approach to the Ice Harbor Lock and Dam (revised from LNM 01/12)

Please continue to use extreme caution when navigating through downstream of the approach to Ice Harbor navigation lock.

Shoaling has been discovered in the south edge of the navigation channel between RM 9 and the Ice Harbor Dam navigation cells, downstream of the dam spillway in the Snake River. This shoaling may be as much as 5 feet above the channel project depth of 12.8 feet. McNary pool is operating at 338.0 feet resulting in a tailwater at Ice Harbor navigation lock of approximately 339.0 feet. Mariners are advised to avoid the southern edge of the navigation channel.

A temporary operation to aid navigation during low flow conditions is currently in place. When possible, the Ice Harbor Operator will coordinate a temporary increase in the Ice Harbor tailwater elevation to improve conditions for tow/barges, subject to the following conditions:

- Traveling Downstream: Tow Captain to request an Ice Harbor temporary operation via the Lower Monumental Operator when leaving Lower Monumental, to allow a minimum of 2 hours lead time.
- Traveling Upstream: If aid is necessary for upstream navigation Tow Captain to call Ice Harbor control room not less than 30 minutes out, longer lead is better.
- Ice Harbor will attempt to provide the best possible conditions for navigation subject to all operating constraints and limitations.
- No increases allowed during night-time zero-generation hours 2000 to 0600.

The most current 2011 survey of the area in question is located on the Walla Walla District Navigation website. Please reference sheet 10 of 10 of the most recent hydrographic surveys located here:

http://www.nww.usace.army.mil/html/OFFICES/OP/T/NAVDATA/2011AnnualConditionSurveys/For%20WEB%20FY11_HLD_CUT_v2.pdf.

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

Chart 18545

LNM: 06/12

SNAKE RIVER – LAKE SACAJAWEA – ICE HARBOR DAM – Special Pool Operation

A special pool operation to aid safe navigation at Ice Harbor Lock and Dam at RM 9.7 is in place for commercial vessels. See enclosure 3 for the USACE Walla Walla District's navigation notice.

Chart 18545

LNM: 30/12

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 encountered contact the Ice Harbor Control room immediately.

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

WASHINGTON – STRAIT OF JUAN DE FUCA – Temporary Subsurface Buoy Deployment

Two subsurface oceanographic mooring buoys extending 10 meters above the ocean floor have been temporarily set at positions 48-30-28.38N / 124-45-01.68W, and 48-21-37.38N / 124-12-48.12W. The mooring buoys will remain in place until May 2013.

Charts: 18400 18460 18480

LNM: 44/12

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 TO STRAIT OF GEORGIA – SWINOMISH CHANNEL – Reported shoaling (Revised

WASHINGTON – STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA – SWINOMISH CHANNEL – Reported shoaling (Revised from LNM 27/11)

Numerous soundings of shoaling in the Swinomish Channel have been reported. The primary locations for the shoaling have been from the Swinomish Channel South Entrance, north to the vicinity of La Conner, WA, with the most extreme shoaling occurring between Swinomish Channel South Entrance Buoy 1 (LLNR 18785) and Goat Island. Some depths have been reported as two (2) feet less than the charted depths. Mariners are advised to use caution when transiting this waterway due to the reported shoaling.

Charts: 18421 18427

LNM: 39/11

WASHINGTON – STRAIT OF JUAN DE FUCA TO PUGET SOUND – Bottomfish Resource Survey

The Washington Department of Fish and Wildlife (WDFW) will be conducting a resource survey of bottomfish in Strait of Juan de Fuca, San Juan Islands, Georgia Strait, Hood Canal and Puget Sound waters from 01 Apr 12 through 30 Mar 13. The survey will consist of using a small remotely-operated vehicle (ROV) deployed from the R/V Molluscan. ROV operations last approximately 90 to 120 minutes at each site, 24 hours per day. While the ROV is deployed, the support vessel will be restricted in its ability to maneuverability, and will display the appropriate day shape and navigation lights. Some of the survey sites may enter into the vessel traffic lanes and naval operating areas. Due caution, clearance and avoidance will be rendered to commercial vessels and naval warships and security zones. R/V Molluscan will monitor VHF FM Channel 13, 16 and the appropriate VTS frequency. For additional information, contact WDFW at (425) 379-2314 or email Robert.pacunski@dfw.wa.gov.

Charts: 18400 18440

LNM: 13/12

WASHINGTON – ADMIRALTY INLET – Temporary Research Buoy (Revised from LNM 18/12)

A yellow temporary research lighted buoy 'A', with a yellow flashing every four seconds light (FL Y 4s), has been deployed east of Point Hudson in approximate position 48-07-24.900N/122-44-44.220W.

A yellow temporary research lighted buoy 'B', with a yellow flashing every four seconds light (FL Y 4s), has been deployed north of Fort Flagler in approximate position 48-06-16.080N/122-42-13.260W.

Charts: 18464 18471

LNM: 24/12

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, will begin 10 Sep 12, and continue through 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 – ELLIOTT BAY – DUWAMISH WATERWAY – South Park Bridge Buoys

Three yellow buoys, with a yellow light flashing every four seconds (FL Y 4s), have been placed in the Duwamish Waterway until 01 Apr 13. Lighted Buoy 'F' is at 47-31-48.972N, 122-18-54.674W; Lighted Buoy 'G' is at 47-31-44.003N, 122-18-50.400W; Lighted Buoy 'H' is at: 47-31-45.516N, 122-18-48.240W. More buoys will be placed in the waterway in the near future. For additional information, please call (206) 786-9327 or (206) 391-2032.

Chart 18450

LNM: 46/11

WASHINGTON – BOUNDARY PASS – Subsurface Buoy

A subsurface oceanographic mooring extending 10 meters above the ocean floor has been temporarily set at position 48-45-57.6N, 123-02-18.7W. The mooring buoy will remain in place until 30 Apr 13.

Charts: 18421 18431 18432

LNM: 43/12

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
19015	CAP SANTE WATERWAY LIGHT 6	48-30-42.108N 122-36-18.664W	FI R 4s	15	3	TR on pile.	48/12

*

PUBLICATION CORRECTIONS

None

ENCLOSURES

Enclosure 1

OREGON - WASHINGTON - COLUMBIA RIVER - Dredging Operations

LNM: 48/12

Enclosure 2

OREGON - PORTLAND and WASHINGTON - SEATTLE - Marine Events

LNM: 48/12

Enclosure 3

SNAKE RIVER – ICE HARBOR DAM – Special Pool Operation

LNM: 30/12

Enclosure 4

WASHINGTON - SR520 BRIDGE - Charted Temporary Mooring Buoys

LNM: 43/12

Enclosure 5

ELLIOTT BAY – DUWAMISH RIVER – Temporary Deployment of Scientific Instruments

LNM: 47/12

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
30 Jul 12	30 Nov 12	Mon-Sat 24 Hours	Willapa Bay, WA (IVO Entrance Light 13)	Ross Island 7	None	13,16 and 79 VHF- FM	Grave Yard Spit	29/12
15 Sep 12	15 Feb 13	Mon-Sun 24 Hours	Possession Sound, WA Gedney Island Hat Island Marina	Whitehorse	Western Provider	13 and 16 VHF-FM	Up land	37/12
17 Sep 12	14 Feb 13	Mon-Sun 24 Hours	Swinomish Channel	Mukilteo	Star Marine	13 and 16 VHF-FM	Rosario Strait Open Water Site	37/12
15 Oct 12	15 Feb 13	Mon-Sun 24 Hours	Snohomish River (RM 1.2 to 7)	Renegade	Buccaneer	16 and 79 VHF-FM	Jetty Island	37/12
24 Oct 12	23 Mar 13	Mon-Sun 24 Hours	Columbia River Bonneville Lock and Dam (RM 146)	Heidi Renee	Norton Bay	14 and 16 VHF-FM	Heidi Renee	42/12
01 Nov 12	09 Dec 12	Mon-Sun 24 Hours	Columbia River Willow Bar Slough (RM 94.5)	MudCat	Tug Duchess B and Sarah B	13, 16 and 79A VHF- FM	Dredge piped near shore	43/12
01 Nov 12	09 Dec 12	Mon-Sun 24 Hours	Columbia River Port of Vancouver Berth 4	JBT 14 / JBT 16	Tug Duchess B and Sarah B	13, 16 and 79A VHF- FM	Service barges	43/12
05 Nov 12	14 Feb 12	Mon-Sun 24 Hours	Grays Harbor Inner Harbor	Patriot	Liberty and Swan	13 and 16 VHF-FM	South Jetty and Point Chehalis	44/12
15 Nov 12	31 Dec 12	Mon-Sat 0700- 1600	Columbia River, Port of Kalama, WA (RM 77)	Dredge 9	Clam Shell Dredge	13, 16 and 80 VHF- FM	Spoil Barge	46/12
26 Nov 12	01 Dec 12	Mon-Sun 24 Hours	Columbia River, Slaughters/Lower Dobelbower (RM 63 to 68)	Essayons	None	13 and 16 VHF-FM	RM 54-62 In Water	48/12
03 Dec 12	14 Feb 13	Mon-Fri 0700- 1900	Elliott Bay, Seattle, WA. Terminal 5 in West Waterway	Rainer	Skagit	13 and 16 VHF-FM	Lafarge	47/12

***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	TBD	TBD	Portland, OR Willamette River (RM 5.1)	TBD	TBD	TBD	NWP-2012-302-2
2012	2012	TBD	Columbia River Henrici Bar (RM 90 to 93)	Essayons	TBD	13 and 16 VHF-FM	ESS-2012-12
2012	2012	TBD	Columbia River St. Helens Bar (RM 86 to 66)	Essayons	TBD	13 and 16 VHF-FM	ESS-2012-12

TBD	TBD	TBD	Columbia River Tongue Point (RM 20 to 21)	Essayons	TBD	13 and 16 VHF-FM	ESS-2013-01
2012	2012	TBD	Umpqua River Entrance (RM 00 to 01)	Yaquina	TBD	13 and 16 VHF-FM	YAQ-2012-13
2012	2012	TBD	Umpqua River Salmon Reach (RM 01)	Yaquina	TBD	13 and 16 VHF-FM	YAQ-2012-13
2012	2012	TBD	Umpqua River Barretts Range (RM 04)	Yaquina	TBD	13 and 16 VHF-FM	YAQ-2012-13
TBD	TBD	TBD	Columbia River Upper Martin Bar (RM 80 to 83)	Yaquina	TBD	13 and 16 VHF-FM	YAQ-2013-02
TBD	TBD	TBD	Columbia River Pillar Rock Ranges (RM 28)	Yaquina	TBD	13 and 16 VHF-FM	YAQ-2013-02
TBD	TBD	TBD	Columbia River Flavel Bar/Astoria Turning Basin	Yaquina	TBD	13 and 16 VHF-FM	YAQ-2013-02
TBD	TBD	TBD	Willamette River Willamette Park Boat Ramp (RM 15.8)	TBD	TBD	13 and 16 VHF-FM	NWP-2011-187
TBD	TBD	TBD	Columbia River Oregon Slough (RM 06)	TBD	TBD	13 and 16 VHF-FM	NWP-2009-621-2
TBD	TBD	TBD	Willamette River Terminal 2 (RM 10)	TBD	TBD	13 and 16 VHF-FM	NWP-2007-240/2
TBD	TBD	TBD	Willamette River Terminal 4 (RM 4 to 5)	TBD	TBD	13 and 16 VHF-FM	NWP-2007-240/2
TBD	TBD	TBD	Willamette River Terminal 5 (RM 1 to 2)	TBD	TBD	13 and 16 VHF-FM	NWP-2007-240/2
TBD	TBD	TBD	Columbia River Terminal 6 (RM 102 to 104)	TBD	TBD	13 and 16 VHF-FM	NWP-2007-240/2
TBD	TBD	TBD	Willapa Bay, WA	TBD	TBD	13 and 16 VHF-FM	NWS-2012-157

SECTOR COLUMBIA RIVER MARINE EVENTS

EVENT DATE	TIME	EVENT NAME	EVENT LOCATION	SPONSOR
01 Apr 12 thru 31 Mar 13	1200 - 1200	OSCA 2012 Sail Boat Races	Columbia River Between I5 and 205 bridge	Oregon Corinthian Sailing Association

SECTOR PUGET SOUND MARINE EVENTS

EVENT DATE	TIME	EVENT NAME	EVENT LOCATION	SPONSOR
1-Dec-12	1600 - 1900	Lighted Boat Parade	Whidbey Island	Oak Harbor Yacht Club
1-Dec-12	1600 - 2100	Port Angeles Yacht Club Christmas Parades	Port Angeles Harbor	Port Angeles Yacht Club
1-Dec-12	1700 - 2000	Tree Lightening Parade	Everett Harbor	Mukilteo Yacht Club
1-Dec-12	0800 - 2100	Winter Vashon Race	Tacoma	Tacoma Yacht Club
2-Dec-12	1500 - 1900	Seafair Special Holiday Cruise	Lake Washington & Union	Seafair
2-Dec-12	1300 - 1530	Special Peoples Cruise	Budd Inlet	Olympia Yacht Club
5-Dec-12	1800 - 2100	Parade of Lighted Ships	Budd Inlet	Olympia Yacht Club
7-Dec-12	1800 - 2130	Chet Gibson Memorial Lighted Boat Parade	Lake Washington & Union	Queen City Yacht Club
7-Dec-12	1700 - 2000	Lighted Boat Parade	Bellingham Bay	Bellingham Yacht Club
8-Dec-12	1800 - 2130	Chet Gibson Memorial Lighted Boat Parade	Lake Washington & Union	Queen City Yacht Club
8-Dec-12	1700 - 2000	Lighted Boat Parade	Bellingham Bay	Bellingham Yacht Club
8-Dec-12	1800 - 2100	Parade of Lighted Ships	Budd Inlet	Olympia Yacht Club
8-Dec-12	1600 - 2100	Port Angeles Yacht Club Christmas Parades	Port Angeles Harbor	Port Angeles Yacht Club
8-Dec-12	1100 - 1600	Snowbird Race #1, 2, 3, 4, 5	Shilshole Bay	Shilshole Bay Yacht Club
8-Dec-12	1830 - 1930	Christmas Boat Parade	Swinomish Channel	Swinomish Yacht Club
14-Dec-12	1730 - 2100	BVYC Christmas Ships Parade	Port Orchard	Brownsville Yacht Club
14-Dec-12	1730 - 2100	BVYC Christmas Ships Parade	Port Orchard	Brownsville Yacht Club
14-Dec-12	1800 - 2100	Gig Harbor Lighted Boat Parade	Gig Harbor	Gig Harbor Yacht Club
14-Dec-12	1400 - 2200	Poulsbo Yacht Club - Lighted Ships Parade	Liberty Bay	Poulsbo Yacht Club
15-Dec-12	1801 - 2100	Gig Harbor Lighted Boat Parade	Gig Harbor	Gig Harbor Yacht Club
15-Dec-12	1600 - 2100	Port Angeles Yacht Club Christmas Parades	Port Angeles Harbor	Port Angeles Yacht Club
15-Dec-12	1400 - 2200	Poulsbo Yacht Club - Lighted Ships Parade	Liberty Bay	Poulsbo Yacht Club
15-Dec-12	1700 - 1900	Tacoma Yacht Club Lighted Boat Parade	Commencement Bay	Tacoma Yacht Club
22-Dec-12	1600 - 2100	Port Angeles Yacht Club Christmas Parades	Port Angeles Harbor	Port Angeles Yacht Club



**US Army Corps
of Engineers®**
Walla Walla District

Operations Division

Walla Walla District
Corps of Engineers
201 North Third Avenue
Walla Walla, Washington 99362-1876

July 20, 2012

Special Pool Operation to Aid Safe Navigation Past Shoaling at the Ice Harbor Navigation Coffers Cells

A special pool operation to aid safe navigation during low flow river conditions is currently in place for commercial vessels at Ice Harbor Lock & Dam, located at Snake River mile 9.7. When possible, the Ice Harbor Operator will coordinate a temporary increase in the Ice Harbor tailwater elevation to improve conditions for tow/barges, subject to the following conditions:

- Situations that warrant additional flow for safe navigation include
 - Commercial tows with hazardous or flammable cargo
 - Double wide tows without means to split into single wide
 - Emergency conditions directly attributable to shoaling, where human health and safety, and watercraft are in imminent danger
- It is strongly recommended that the special pool operation be used only when absolutely necessary; example would be fully loaded tows of 3 to 4 barges. Water storage to assist with navigation safety is limited by several constraints and it may take many hours (as much as 24 hours) to provide the water needed for several special operations during a 24-hour period; possibly causing long delays.
- If the water elevation request cannot be met, the Ice Harbor Lock Operator will notify the Tow Captain as soon as possible with an estimated time of providing the desired 341.0' elevation.
- **Traveling Downstream:** The Tow Captain is to request an Ice Harbor a special navigation operation via the Lower Monumental Operator when leaving Lower Monumental, to allow a minimum of 2+ hours lead time.
- **Traveling Upstream:** If aid is necessary for upstream navigation the Tow Captain is to call Ice Harbor control room directly when entering the Snake River and not less than 30 minutes out, or notify McNary control room of intend to travel through Ice Harbor navigation lock.

- Ice Harbor will attempt to provide the best possible conditions for navigation subject to all operating constraints and limitations.

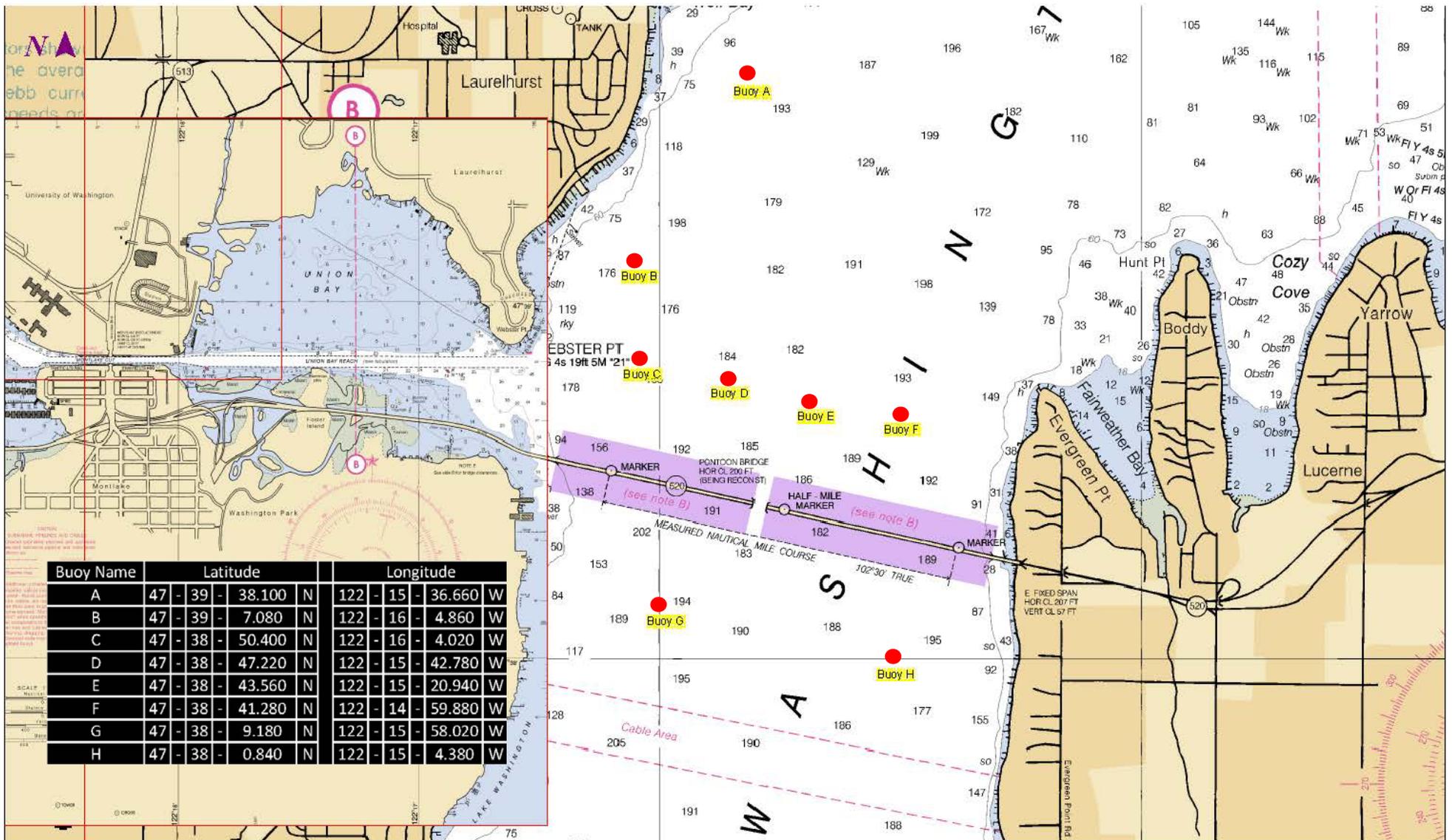
The most current 2011 survey of the area in question is located on the Walla Walla District Navigation website. Please reference sheet 10 of 10 of the most recent hydrographic surveys located here:

http://www.nww.usace.army.mil/Portals/28/docs/navigation/WEBFY11_HLD_CUT.pdf

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

PUGET SOUND - 1 : 18,768

(NOAA Chart) Chart #18440_1 - Depth Units: FATHOMS



DO NOT USE FOR NAVIGATION

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APPROXIMATE POSITIONS

M1 47-31-53.565N, 122-19-02.485W

M2 47-31-29.362N, 122-18-29.886W

M3 47-30-58.269N, 122-18-17.218W

M4 47-30-38.862N, 122-17-41.222W

M5 47-30-20.598N, 122-17-36.275W

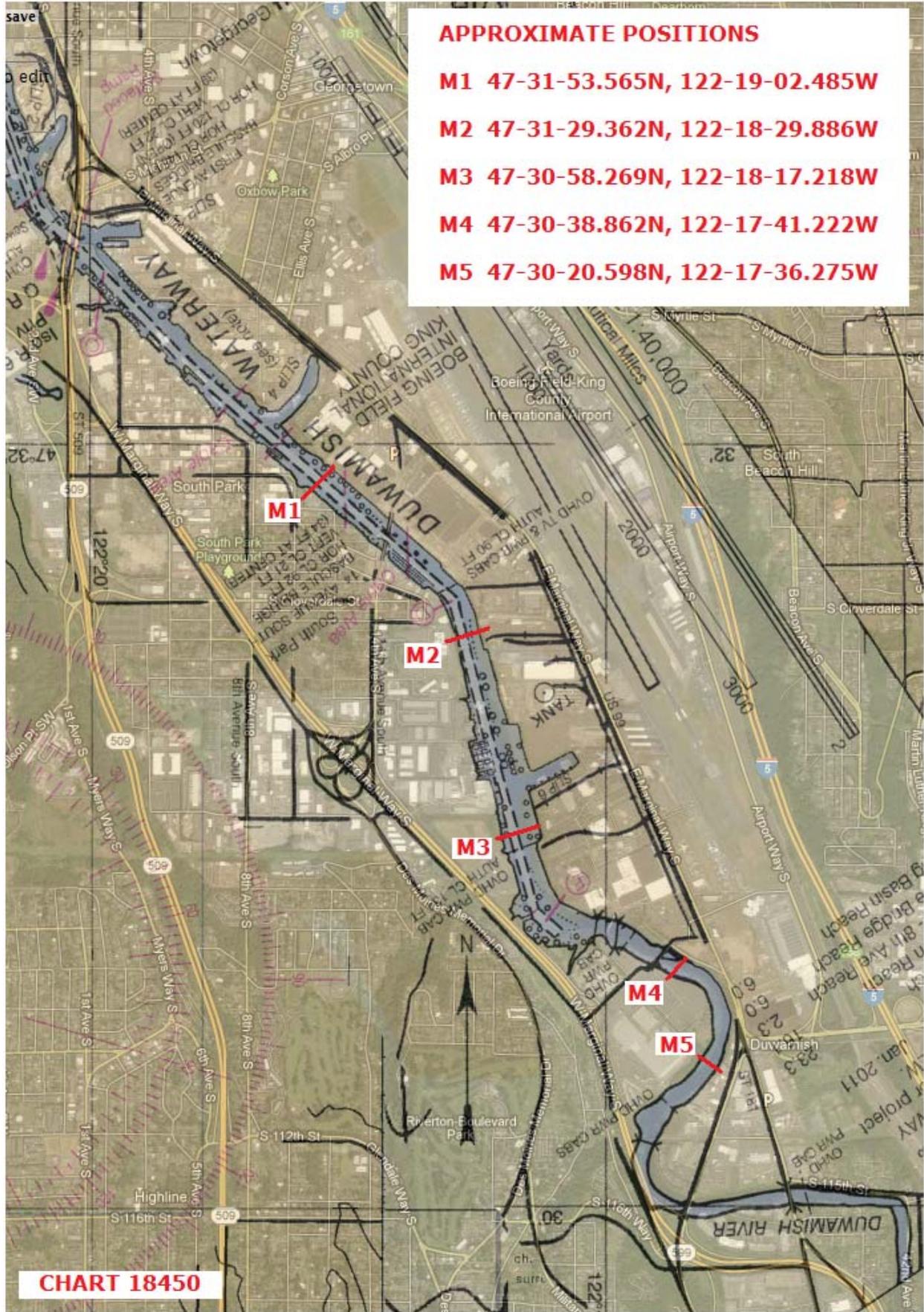


CHART 18450