



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

## LOCAL NOTICE TO MARINERS

**District: 13**

**Week: 45/12**

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](mailto: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	D13-1233-12	D13-1306-12

### 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.

**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

**SNAKE RIVER – LAKE SACAJAWEA – ICE HARBOR DAM – Lock Closure**

Channel maintenance will be conducted at the downstream approach to the Ice Harbor Lock and Dam from 12 Nov 12 through 16 Nov 12 at Snake River mile 9.7. A daytime lock closure will be required one hour before sunrise at 0545 until one hour after sunset at 1730 daily to support maintenance equipment mobility. The navigation lock will return to normal lockage operation for commercial traffic only from 1730 to 0545.

Chart 18545

LNM: 45/12

**COLUMBIA RIVER – CATHLAMET BAY SOUTH CHANNEL – Temporary Buoy Established**

A temporary quick flashing (Q FI) 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

**COLUMBIA RIVER – GOVERNMENT ISLAND – Temporary Buoy Established**

A temporary unlighted red nun buoy has been established upriver from McGuire Island Middle Dike Light (LLNR 11475) in approximate position 45-33-57.890N, 122-27-06.628W. This temporary buoy will be used during the repairs to McGuire Island Light.

Chart 18531

LNM: 45/12

**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 – 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 – 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 boys 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

**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

**WASHINGTON – ROBINSON POINT DGPS – Off Air Planned**

The USCG NAVCEN is proposing an off air date for Robison Point, WA DGPS (887) for 14 Nov 12 from 0930 until 1130. An alternate date will be 15 Nov 12 from 0930 until 1130. The outage is needed for antenna maintenance. No loss of DGPS coverage is expected. For additional information or objections, contact Navigation Center DGPS Operations at (703) 313-5902.

LNM: 42/12

**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

**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
<b>665</b>	<b>Cape Kiwanda Bell Buoy CK</b>	<b>SS IMCH</b>	<b>18520</b>	<b>1300-12</b>	<b>45/12</b>	
<b>740</b>	<b>Quillayute River Approach Lighted Whistle Buoy Q</b>	<b>LT EXT</b>	<b>18480</b>	<b>1251-12</b>	<b>45/12</b>	
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
<b>10035</b>	<b>Tansy Point Range Rear Light</b>	<b>DAYMK DMGD</b>	<b>18521</b>	<b>1303-12</b>	<b>45/12</b>
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
11475	Mcguire Island Middle Dike Light 34	DAYMK MISSING/STRUCT DMGD	18531	0754-12	27/12
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
14978	Toe Island Light 1	STRUCT DMGD	18528	0616-12	22/12
15585	Point Chehalis Range Front Light	DAYMK MISSING	18502	1012-09	50/09
<b>16075</b>	<b>Quillayute River Approach Lighted Whistle Buoy Q</b>	<b>LT EXT</b>	<b>18480</b>	<b>1251-12</b>	<b>45/12</b>
16225	Race Rocks Light (C)	SS IMCH	18465	1085-12	39/12
16975	Puget Sound Traffic Separation Lane Lighted Buoy TA	REDUCED INT	18474	1177-12	43/12
19490	Peapod Rocks Light 15	DAYMK IMCH	18430	0797-11	34/11
<b>19505</b>	<b>Sinclair Island Lighted Bell Buoy 4</b>	<b>LT EXT</b>	<b>18430</b>	<b>1259-12</b>	<b>45/12</b>
19855	Ewing Island Reef Danger Buoy	MISSING	18431	0585-12	21/12
19875	Alden Bank Buoy 5	OFF STA	18431	0916-12	33/12

**DISCREPANCIES (FEDERAL AIDS) CORRECTED**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
11285	North Portland Harbor East End Range Rear Light	RELIGHTED	18526	1254-12	45/12	45/12
11410	Government Island Middle Range Rear Light	RELIGHTED	18531	1237-12	44/12	45/12
11615	Cape Horn Range Front Light	WATCHING PROPERLY	18531	No BNM	45/12	45/12
16910	Duwamish Head Light	RELIGHTED	18450	1243-12	45/12	45/12
16910	Duwamish Head Light	RELIGHTED	18450	1253-12	45/12	45/12
18520	Snohomish River Lighted Buoy 3	RELIGHTED	18444	1242-12	44/12	45/12

**DISCREPANCIES (PRIVATE AIDS)**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
<b>11243</b>	<b>Hayden Island Anchorage Lighted Buoy A</b>	<b>LT EXT</b>	<b>18526</b>	<b>1257-12</b>	<b>45/12</b>	
12390	John Day Dam Lower Guidewall Light 4	LT EXT	18535	1218-12	44/12	
18758	Mariners Cove Warning Light A	LT EXT	18423	1186-12	43/12	
19195	Vendovi Cove Light	LT EXT	18424	1147-12	41/12	

**DISCREPANCIES (PRIVATE AIDS) CORRECTED**

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

**PLATFORM DISCREPANCIES**

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

**PLATFORM DISCREPANCIES CORRECTED**

Name	Status	Position	BNM Ref.	LNM St	LNM End
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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	
<b>14720</b>	<b>Cathlamet Bay South Channel Light 2</b>	<b>TRLB</b>	<b>18521</b>	<b>1304-12</b>	<b>45/12</b>	
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

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

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

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

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

**18502**      **87th Ed.**      **01-SEP-11**      **Last LNM: 36/12**      **NAD 83**      **45/12**

Chart Title: **Grays Harbor; Westhaven Cove**

**CHART WA - GRAYS HARBOR. Page/Side: N/A**

RELOCATE	Grays Harbor South Reach Lighted Bell Buoy 14	CGD13 from 46-55-15.682N to 46-55-14.510N	124-06-19.752W 124-06-13.707W
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**18524**            **37th Ed.**            **01-JUN-11**            **Last LNM: 44/12**            **NAD 83**            **45/12**

*ChartTitle: Columbia River Crims Island to Saint Helens*

**Extension 1741 COLUMBIA RIVER CRIMS ISLAND TO SAINT HELENS. Page/Side: N/A**

ADD	Prescott Anchorage Lighted Buoy P W "P" Priv Fl W 6s	CGD13 at 46-02-45.804N	122-52-58.402W
ADD	Rainier Anchorage Lighted Buoy R W "R" Priv Fl W 6s	CGD13 at 46-05-31.466N	122-55-48.110W

**18525**            **37th Ed.**            **01-JUN-12**            **Last LNM: 44/12**            **NAD 83**            **45/12**

*ChartTitle: Columbia River Saint Helens to Vancouver*

**Main Panel 1742 COLUMBIA RIVER SAINT HELENS TO VANCOUVER. Page/Side: N/A**

ADD	Lower Vancouver Anchorage Lighted Buoy V W "V" Priv Fl W 6s	CGD13 at 45-40-05.103N	122-46-02.921W
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**18531**            **23rd Ed.**            **01-JUN-12**            **Last LNM: 44/12**            **NAD 83**            **45/12**

*ChartTitle: Columbia River Vancouver to Bonneville; Bonneville Dam*

**CHART OR & WA - COLUMBIA RIVER - VANCOUVER TO BONNEVILLE. Page/Side: N/A**

RELOCATE	Multnomah Falls Upper Range Front Light and Change height to 41 feet.	CGD13 from 45-36-49.700N to 45-36-49.692N	122-02-05.535W 122-02-05.528W
RELOCATE	Multnomah Falls Upper Range Rear Light and Change height to 78 feet.	CGD13 from 45-37-06.399N to 45-37-06.391N	122-01-28.718W 122-01-28.715W
RELOCATE	Warrendale Lower Range Front Light and Change height to 41 feet.	CGD13 from 45-36-49.560N to 45-36-49.692N	122-02-05.760W 122-02-05.528W
RELOCATE	Warrendale Lower Range Rear Light and Change height to 67 feet.	CGD13 from 45-36-48.960N to 45-36-48.940N	122-02-15.360W 122-02-15.419W

**18537**            **11th Ed.**            **31-JUL-99**            **Last LNM: 08/09**            **NAD 83**            **45/12**

*ChartTitle: Columbia River Alderdale to Blalock Islands*

**CHART OR & WA - COLUMBIA RIVER - ALDERDALE TO BLALOCK ISLANDS. Page/Side: N/A**

RELOCATE	Messner Upper Range Front Light and Change height to 12 feet.	CGD13 from 45-51-17.503N to 45-51-17.579N	119-39-58.920W 119-39-58.894W
RELOCATE	Messner Upper Range Rear Light and Change height to 42 feet.	CGD13 from 45-51-09.925N to 45-51-09.955N	119-40-05.531W 119-40-05.501W

**18539**            **9th Ed.**            **01-MAR-04**            **Last LNM: 14/12**            **NAD 83**            **45/12**

*ChartTitle: Columbia River Blalock Islands to McNary Dam*

**CHART OR & WA - COLUMBIA RIVER - BLALOCK ISLANDS TO MCNARY DAM. Page/Side: N/A**

RELOCATE	Irrigon Lower Range Front Light 60 and Change height to 23 feet.	CGD13 from 45-54-08.866N to 45-54-08.877N	119-30-50.043W 119-30-50.078W
CHANGE	Irrigon Lower Range Rear Light Height to 43 feet.	CGD13 at 45-54-04.065N	119-30-36.765W

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**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.

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SUMMARY OF ADVANCED APPROVED PROJECTS

None

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**

None

None

**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
Duwamish Waterway	West Seattle Bridge	Seattle, WA	SW LT EXT	08/25/12	0970-12
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

LNM: 45/12

**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
Lake Union	University Bridge	Seattle, WA	North Guide Wall LT EXT	10/19/12	1176-12
Columbia River	Lewis and Clark Bridge	Longview, WA	EXT	10/23/12	1233-12
Willamette River	Newberg Bridge	Newberg, OR	Pier LTS EXT	10/23/12	No BNM
Willamette River	Wilsonville Bridge (I-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: 45/12

**BRIDGE LIGHTING DISCREPANCIES CORRECTED**

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

Snake River	SR-12 Bridge	Pasco, WA
Columbia River	SR-12 Blue Bridge	Kennewick, WA

LNM: 45/12

**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 – LAKE WASHINGTON SHIP CANAL – BALLARD RAILWAY BASCULE BRIDGE – Special Bridge Notice**

The USCG has issued a deviation to the operation of the BNSF Railway Bridge across the Lake Washington Ship Canal, mile 0.1 (Ballard). This deviation is necessary to accommodate bridge maintenance. The deviation allows the BNSF Railway Drawbridge to remain in the closed position and need not open for maritime traffic for a 12 day period from 0700, 07 Nov 12 through 1700, 18 Nov 12. The closure time frame will coincide with the closure of the Hiram M. Chittenden large lock at Ballard. Vessels which do not require a bridge opening may continue to transit beneath the bridge during this closure period. The bridge must return to its regular operating schedule immediately at the end of the designated time period.

Chart 18447

LNM: 37/12

**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

**OREGON – REEDSPORT – Temporary Buoy**

A temporary lighted yellow buoy flashing yellow every 4 seconds (Fl 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](mailto: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](mailto:gmorrill@bergerson-const.com), or visit [www.bergerson-const.com](http://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 – ILWACO WASHINGTON – Temporary Acoustic Telemetry Equipment Deployment**

The Washington Department of Fish and Wildlife, Lower Columbia River Research Group, will be deploying temporary acoustic telemetry equipment in the below listed nine locations in the lower Columbia River near RM 5.0 from 05 Jun 12 to 15 Nov 12. This equipment will be subsurface and marked with one inflatable float, and three small orange foam floats at each station. For more information contact Mr. Phillip Dionne at (360) 906-6745 or at [phillip.dionne@dfw.wa.gov](mailto:phillip.dionne@dfw.wa.gov).

Station Latitude Longitude

**COLUMBIA RIVER – ILWACO WASHINGTON – Temporary Acoustic Telemetry Equipment Deployment**

- A. 46-14-10.968N, 123-59-33.432W
- B. 46-14-11.904N, 123-58-58.116W
- C. 46-15-05.544N, 123-58-39.396W
- D. 46-14-42.288N, 123-58-47.532W
- E. 46-14-42.000N, 123-59-39.984W
- F. 46-15-15.012N, 123-59-13.992W
- G. 46-15-23.004N, 123-58-18.012W
- H. 46-14-49.992N, 123-58-55.992W
- I. 46-15-56.124N, 124-02-05.280W

Chart 18521

LNM: 23/12

**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 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.

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

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](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

**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 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 – PUGET SOUND – PORT WASHINGTON NARROWS – Bremerton – Manette Bridge (Revised from LNM 14/12)**

**WASHINGTON – PUGET SOUND – PORT WASHINGTON NARROWS – Bremerton – Manette Bridge (Revised from LNM 14/12)**

The removal of the remaining piers and footing from the old Manette Bridge is being conducted, and is scheduled to be complete in the month of December 2012. Derrick barges involved in the removal will have anchor lines out; mariners are requested to stay at least 200 yards way from any barges working in the area. The existing piers have yellow flashing lights and will remain lighted until the pier is removed. If you have any questions please contact Manson-Mowat at (206) 245-8020 or (206) 947-0840. Please review the LNM for weekly updates.

Charts: 18445 18449

LNM: 27/12

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

The Hiram M. Chittenden large lock will be closed for an annual inspection and repairs at 0900 on 06 Nov 12. The planned reopening is scheduled for 1700 on 20 Nov 12. Any questions should be referred to Mr. David Carpenter, Navigation Supervisor at (206) 789-2622 ext. 202, or the Lockmaster on duty at (206) 783-7000.

Chart 18447

LNM: 35/12

**WASHINGTON – ELLIOTT BAY – DUWAMISH WATERWAY – South Park Bridge Buoys**

Three yellow buoys, with a yellow light flashing every four seconds (FI 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

**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

**RADIOTELEPHONE DISTRESS WATCHKEEPING**

Mariners are advised that calls to the Coast Guard on the international radiotelephone distress frequency 2182 kHz may not be reliably received by the Coast Guard. Areas where maritime broadcasts on 2670 kHz are being received satisfactorily by mariners should not be affected. Similarly, mariners using high frequency (HF) radiotelephones equipped with digital selective calling (DSC) capable of operating on the 4, 6, 8, 12 and 16 MHz distress frequencies should not be affected. Coast Guard watchkeeping services on these HF radiotelephone and DSC distress frequencies are posted at <http://www.navcen.uscg.gov/?pageName=cgcommsCall>.

Mariners who receive a distress alert or call that has not been acknowledged by the Coast Guard are asked to assist if possible and advise the nearest Coast Guard unit using whatever means is practicable.

LNM: 13/12

**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
10830	<i>Rainier Anchorage Lighted Buoy R</i>	46-05-31.466N 122-55-48.110W	FI W 6s			White with blue band.	Maintained by U.S. Army Corps of Engineers. Private aid.
*	*	*	*	*	*	*	*
10894.5	<i>Prescott Anchorage Lighted Buoy P</i>	46-02-45.804N 122-52-58.402W	FI W 6s			White with blue band.	Maintained by U.S. Army Corps of Engineers. Private aid.
*	*	*	*	*	*	*	*
11207	<i>Lower Vancouver Anchorage Lighted Buoy V</i>	45-40-05.103N 122-46-02.921W	FI W 6s			White with blue band.	Maintained by U.S. Army Corps of Engineers. Private aid.
*	*	*	*	*	*	*	*
11243	<i>Hayden Island Anchorage Lighted Buoy A</i>	45-38-40.000N 122-44-30.000W	FI Y 6s			Yellow.	Maintained by U.S. Army Corps of Engineers. Private aid.
*	*	*	*	*	*	*	*
11244	<i>Hayden Island Anchorage Lighted Buoy B</i>	45-38-21.000N 122-43-28.000W	FI Y 6s			Yellow.	Maintained by U.S. Army Corps of Engineers. Private aid.
*	*	*	*	*	*	*	*

## SECTION VIII - LIGHT LIST CORRECTIONS (Continued)

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
11700	MULTNOMAH FALLS UPPER RANGE FRONT LIGHT	45-36-49.692N 122-02-05.528W	Q W	41		KRB on multi-pile structure. On same structure as Warrendale Lower Range Front Light.	Visible all around; higher intensity on range line.	45/12
		*		*		*		
11705	MULTNOMAH FALLS UPPER RANGE REAR LIGHT 1171 yards, 057.1° from front light.	45-37-06.391N 122-01-28.715W	Iso W 6s	78		KRB on skeleton tower.	Visible 4° each side of range line.	45/12
		*		*		*		
11715	WARRENDALE LOWER RANGE FRONT LIGHT	45-36-49.692N 122-02-05.528W	Q W	41		KRB on multi-pile structure. On same structure as Multnomah Falls Upper Range Front Light.	Visible all around; higher intensity on range line.	45/12
		*		*		*		
11720	WARRENDALE LOWER RANGE REAR LIGHT 236 yards, 263.9° from front light.	45-36-48.940N 122-02-15.419W	Iso W 6s	67		KRB on skeleton tower, on multi-pile structure.	Visible 5.5° each side of range line.	45/12
		*		*		*		
12615	MESSNER UPPER RANGE FRONT LIGHT	45-51-17.579N 119-39-58.894W	Q R	12		KRB on multi-pile structure.	Visible 4° each side of rangeline.	45/12
		*		*		*		
12620	MESSNER UPPER RANGE REAR LIGHT 301 yards, 211.2° from front light.	45-51-09.955N 119-40-05.501W	Iso R 6s	42		KRB on skeleton tower on multi-pile structure.	Visible 4° each side of rangeline.	45/12
		*		*		*		
12665	IRRIGON LOWER RANGE FRONT LIGHT 60	45-54-08.877N 119-30-50.078W	Q R	23		KRW on skeleton tower, on multi-pile structure. TR oriented upstream.	Visible all around; higher intensity on rangeline.	45/12
		*		*		*		
12670	IRRIGON LOWER RANGE REAR LIGHT 353 yards, 117.4° from front light.	45-54-04.065N 119-30-36.765W	Iso R 6s	43		KRW on skeleton tower.	Visible 4° each side of rangeline.	45/12
		*		*		*		
15620	Grays Harbor South Reach Lighted Bell Buoy 14	46-55-14.510N 124-06-13.707W	Q R		3	Red.		45/12
		*		*		*		

## PUBLICATION CORRECTIONS

None

## ENCLOSURES

**Enclosure 1**

OREGON - WASHINGTON - COLUMBIA RIVER - Dredging Operations

LNM: 45/12

**Enclosure 2**

OREGON - PORTLAND and WASHINGTON - SEATTLE - Marine Events

LNM: 45/12

**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

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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 Nov 12	06 Nov 12	Mon-Sun 24 Hours	Columbia River, Stella-Fisher (RM 56 to 59)	Essayons	None	13 and 16 VHF-FM	RM 54 to 55 In Water	45/12
06 Nov 12	14 Nov 12	Mon-Sun 24 Hours	Columbia River, Westport and Eureka (RM 47 to 48)	Essayons	None	13 and 16 VHF-FM	RM 31 and 34 In Water	45/12
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

**\*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 Henric 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
10-Nov-12	1200 - 1800	Turkey Bowl	Shilshole Bay	Corinthian Yacht Club of Seattle
10-Nov-12	0800 - 1800	Round the County	San Juan Islands	Orcas Island Yacht Club
11-Nov-12	1200 - 1800	Turkey Bowl	Shilshole Bay	Corinthian Yacht Club of Seattle
11-Nov-12	0800 - 1800	Round the County	San Juan Islands	Orcas Island Yacht Club
17-Nov-12	1100 - 1600	Snowbird Race #1, 2, 3, 4, 5	Shilshole Bay	Shilshole Bay Yacht Club
17-Nov-12	1830 - 2100	Winter Series	Des Moines Marina	Three Tree Point Yacht Club
17-Nov-12	0900 - 1800	WSCYC Fowl Weather Regatta	Port Orchard, Sinclair Inlet	WSCYC
18-Nov-12	1200 - 2230	2012 Race Season	Port Gardner Bay	Milltown Sailing Association
24-Nov-12	1600 - 2100	Port Angeles Yacht Club Christmas Parades	Port Angeles Harbor	Port Angeles Yacht Club
1-Dec-12	1600 - 2100	Port Angeles Yacht Club Christmas Parades	Port Angeles Harbor	Port Angeles Yacht Club
1-Dec-12	0800 - 2100	Winter Vashon Race	Tacoma	Tacoma Yacht Club
1-Dec-12	1700 - 2000	Tree Lightining Parade	Everett Harbor	Mukilteo Yacht Club
2-Dec-12	1500 - 1900	Seafair Special Holiday Cruise	Lake Washington & Union	Seafair
7-Dec-12	1800 - 2130	Chet Gibson Memorial Lighted Boat Parade	Lake Washington & Union	Queen City Yacht Club
8-Dec-12	1800 - 2130	Chet Gibson Memorial Lighted Boat Parade	Lake Washington & Union	Queen City Yacht Club
8-Dec-12	1100 - 1600	Snowbird Race #1, 2, 3, 4, 5	Shilshole Bay	Shilshole Bay Yacht Club
8-Dec-12	1600 - 2100	Port Angeles Yacht Club Christmas Parades	Port Angeles Harbor	Port Angeles Yacht Club
15-Dec-12	1600 - 2100	Port Angeles Yacht Club Christmas Parades	Port Angeles Harbor	Port Angeles 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

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## **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.

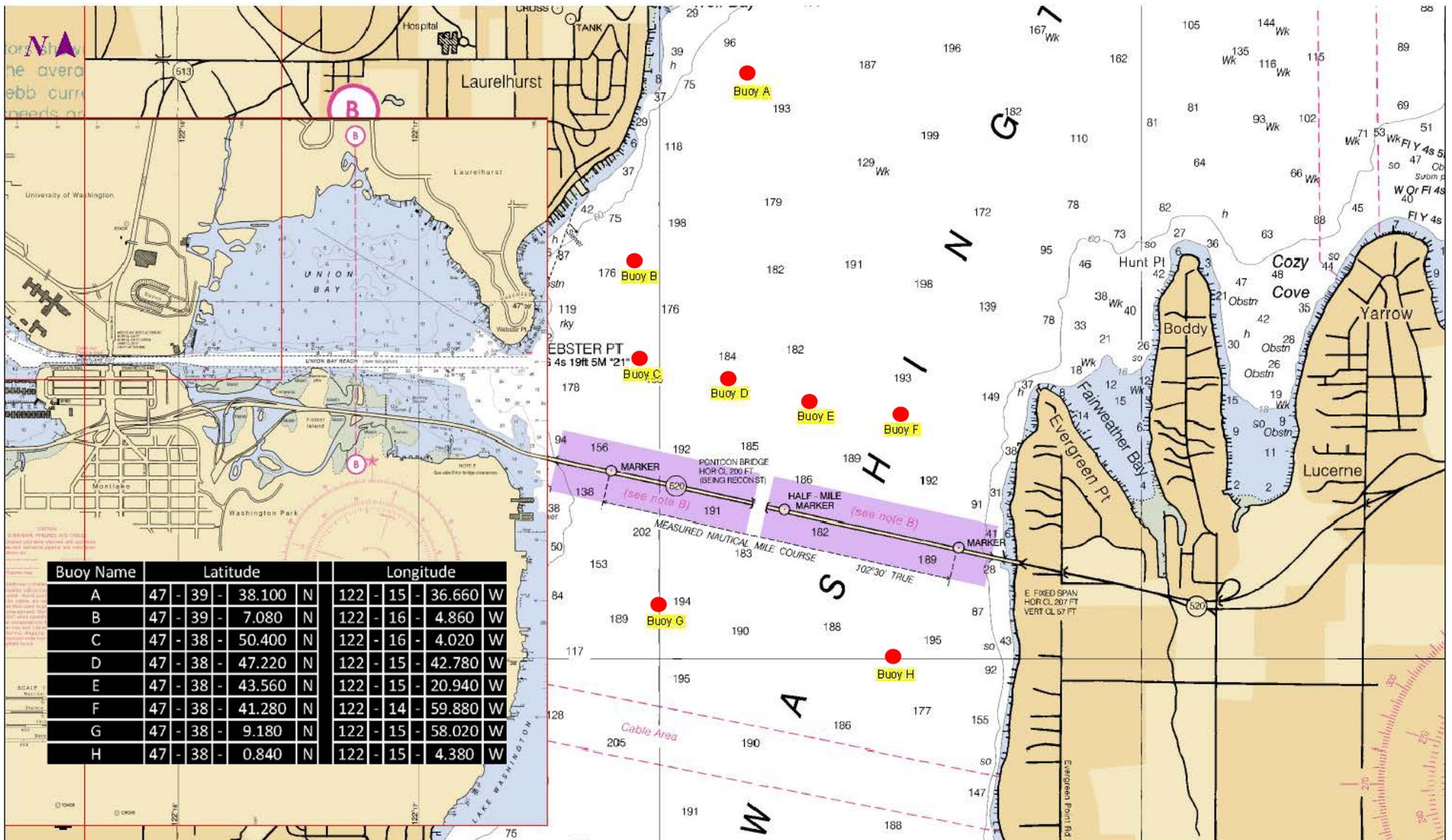
The most current 2011 survey of the area in question is located on the Walla Walla District Navigation website. Please reference sheet 10 of 10 of the most recent hydrographic surveys located here:

[http://www.nww.usace.army.mil/Portals/28/docs/navigation/WEBFY11\\_HLD\\_CUT.pdf](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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