U.S. Department
of Homeland Security

United States Coast Guard

LOCAL NOTICE TO MARINERS

District: 13 Week: 28/12

ISSUED BY: COMMANDER, THIRTEENTH COAST GUARD DISTRICT (dpw)
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LIGHT LIST REFERENCE: COMDTPUB P16502.6, Light List Volume VI, 2012 Edition

UNITED STATES COAST GUARD NAVIGATION INFORMATION SERVICE (NIS)
The United States Coast Guard Navigation Information Service (NIS), operated by the USCG Navigation Center, is staffed 24 hours a day, 7 days a week. The NIS provides information on the current operational status, effective policies, and general information for GPS 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	D13-0750-12	D13-0763-12

ABBREVIATIONS

A through H

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

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
NOS - National Ocean Service

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
TMK - Topmark

G - Green
GIWW - Gulf Intracoastal Waterway
HAZ - Hazard to Navigation
HBR - Harbor
HOR - Horizontal Clearance
HT - Height
NW - Notice Writer
OBSCU - Obscured
OBST - Obstruction
OBSTR - Obstruction
Oc - Occulting
ODAS - Anchored Oceanographic Data Buoy
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.

WASHINGTON – ADMIRALTY INLET – Point Wilson – Diving Operations

A diving vessel will be anchoring off Point Wilson on 12 Jul 12 from 1100 to 1600 and on 13 Jul 12 from 1200 to 1700. The diving vessel will be conducting dive operations on the Wreck of the SS Governor. The dive platform will constantly monitor VHF-FM channels 5A and 16 when operating in the vicinity of the dive site. Contact USCG Puget Sound Waterways Management at (206) 217-6051 for more information.

Charts: 18441 18471 LNM: 28/12

WASHINGTON – GRAYS HARBOR – HOQUIAM RIVER – Special Bridge Notice

The Simpson Ave Bascule Bridge which crosses the Hoquiam River, RM 0.5, at Hoquiam, Wa., will be operating with single leaf openings until 1900 on 23 Jul 12.

Chart 18502 LNM: 28/12

WASHINGTON – EVERETT – SNOHOMISH RIVER – Snohomish River Bridge

Construction is being conducted on the SR 522 Snohomish River Bridge until Oct 2012. A temporary work trestle will be built extending halfway into the Snohomish River from the east bank, and is marked with yellow dayboards, and lighted with flashing yellow (Fl Y) lights. Mariners exercise caution. For more information, visit www.wsdot.wa.gov/projects/SR522/Widen/SnoRiver_US2/, or contact Janice Fahning at (425) 225-8725.

LNM: 27/12

COLUMBIA RIVER – MCNARY DAM – High River Flow

Recent rainstorm events have resulted in record inflows in the upper Columbia River basin. The Tri-Cities is experiencing higher flows in Lake Wallula (the McNary Dam reservoir on the Columbia River), particularly in designated flowage easements and other low-lying areas along the river near the upstream end of the reservoir. River users should keep safety in mind whenever they are in, on or near the water – wear a lifejacket when boating or participating in water sports. Higher flows mean the water is fast, cold, and carrying surface and submerged floating debris. Woody debris swept into the river from shorelines and tributaries can range from twigs to telephone pole-sized logs, creating hazards to swimmers, boaters and water-skiers.

The USACE Walla Walla District, which operates the McNary Dam, has provided this link to news releases from the USACE Seattle District, which coordinates water management operations for the upper Columbia system of dams:
<http://www.nws.usace.army.mil/Public_Template/Display/All_News_Releases.cfm>.

Chart 18541 LNM: 27/12

WASHINGTON – LAKE WASHINGTON – SR520 BRIDGE: Special Bridge Notice (REVISED Draw Operations)

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.

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: 27/12

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

The USCG has issued a deviation to the operation of the Hawthorne Bridge across the Willamette River, RM 13.1. This deviation allows the draw span of the Hawthorne Bridge across the Willamette River to remain in the closed position, and need not open for maritime traffic from 1230 until 1330 on 29 Jul 12. Vessels which do not require a bridge opening may continue to transit beneath the bridge during this closure period. The draw span will be required to open, if needed, for vessels engaged in emergency response operations during this closure period. The bridge shall operate in accordance to 33 CFR § 117.897 at all other times.

Chart 18526 LNM: 27/12

OREGON – WASHINGTON – CAPE BLANCO TO COPALIS HEAD – Acoustic Research

The Naval Research Laboratory and the Johns Hopkins University Applied Physics Laboratory will be conducting undersea acoustic research within 200 NM of the Oregon-Washington coast from 24 Jul 12 until 6 Aug 12. The hours of operations for the R/V New Horizon will be 24 hours a day Monday through Sunday. The R/V New Horizon will be deploying and recovering scientific instruments, and towing them at 3 to 6 kts at a depth up to 300 feet, and at distance up to 240 yards astern. There will be 5 mooring buoys with Norwegian-float surface markers installed in positions that will be determined on site. The R/V New Horizon will monitor VHF- FM Channels 13 and 16. Mariners are requested to keep a safe distance when in the vicinity of the research vessel and while transiting in the following area: 42-54-00N, 126-18-00W; 47-09-00N, 126-36-00W; 47-03-00N, 124-36-00W; 46-15-00N, 124-12-00W; 46-00-00N, 124-24-00W; 45-10-00N, 124-06-00W; 44-09-00N, 124-39-00W; 43-48-00N, 124-18-00W; 42-54-00N, 124-42-00W, see enclosure 4.

The research team will be deploying equipment within the above listed area between 24 Jul 12 until 06 Aug 12 that consist of: Thermistor array anchored to bottom, with a subsurface float that is 30-50 feet below surface, and Composite Environmental Acoustic Recording System array spanning most of the water column and anchored to bottom, with a subsurface float that is 30-50 feet below surface. All moored equipment will be marked with a 15 inch orange surface marker at a depth between 450 feet to 800 feet near the eastern edge of the area. The specific mooring locations will be determined on site, and updated in a future LNM. For more information, contact Dr. Roger C. Gauss (NRL) at (202) 767-3524 or roger.gauss@nrl.navy.mil.

Chart 18003 LNM: 27/12

WASHINGTON - STRAIT OF JUAN DE FUCA – Gillnet Test Fishing

Gillnet test fishing will take place off the southern coast of Vancouver Island, BC between Sombrio Point and Port Renfrew nightly between 1900 - 0800 local through 16 Aug 12. Vessels will be marked with radar reflectors, lights, and test fishing flags. The test vessels will monitor VHF-FM Channel 78A.

Charts: 18460 18480 LNM: 26/12

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

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 Oct 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

OREGON – COAST – Cable Ship Operations

The Cable Ship 'Dependable' will be conducting cable and subsea node installation operations from 08 Jul 12 through 30 Aug 12 off the coast of Oregon and open ocean. C/S Dependable is a 140 meter white hull ship, call sign 'V7D16', and will monitor VHF-FM Ch 16. The C/S Dependable can also be reached at VSAT: +44 (207) 858-5605. A 4000 yard CPA is requested to avoid possible entanglement or damage to equipment and/or fishing gear. The operations will be in an area bounded by:
44-31.0N, 124-06.0W; 45-40.0N, 123-58.0W; 46-12.0N, 130-07.0W; 45-25.0N, 130-07.0W; 44-12.0N, 125-00.0W; 44-31.0N, 124-06.0W.

Chart 18003 LNM: 26/12

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

A subsurface data collection buoy has been set at approximately 58 meters below the surface at 48-30.9790N, 124-56.0996W.

Charts: 18460 18480 LNM: 25/12

SNAKE RIVER – LOWER MONUMENTAL LOCK – Locking Time Extension (Revised from LNM 24/12)

The USACE, Walla Walla District, has extended work that was scheduled for completion on 28 Jun 12 at the Lower Monumental Navigation Lock at RM 70.3. The new projected completion date is on 31 Jul 12, therefore, locking time extension will continue to be lengthened approximately one hour. This time is needed to work on the lock flood and drain valves, thus leaving only one valve operable at a time. Thank you for your patience during this repair time. For additional information, visit the following website: http://www.nww.usace.army.mil/html/offices/op/t/navdata/default.html, or contact the Walla Walla District at (509) 527-7115 / 7120.

Charts: 18545 18546 LNM: 27/12

WASHINGTON – TACOMA HARBOR – BLAIR WATERWAY – Pontoon Launching

Kiewit General Manson will be launching 6 pontoons from the Concrete Technology Corporation casting basin in the Blair Waterway within the Port of Tacoma. The launching is expected to last 3 days, with operations 24 hours a day from 16 Jul 12 until 18 Jul 12. Mariners can expect multiple tugs and skiffs within the Blair Waterway during launching period. The pontoons will be temporarily moored to a derrick barge at the entrance of Blair Waterway or at the East Blair One Warf. For more information, contact Eric Edwards at (510) 773-6934.

Chart 18453 LNM: 24/12

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
590	NOAA Environmental Lighted Buoy 46015	MISSING	18580	No BNM	49/11	
641	NOAA Environmental Lighted Buoy 46050	OFF STA	18561	0564-11	23/11	
688	NOAA Environmental Lighted Buoy 46029	MISSING	18520	0375-12	13/12	
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	
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	
10980	Martin Island Middle Dike Light 65	STRUCT DMGD	18524	1076-11	45/11	
11140	Willow Lower Range Front Light	DBN IMCH	18525	0695-12	25/12	
11475	Mcguire Island Middle Dike Light 34	DBN DEST/STRUCT DMGD	18531	0754-12	27/12	
11625	Candiana Light 69	LT IMCH	18531	0571-11	23/11	
11745	Moffetts Creek Light 92	REDUCED INT	18531	0680-12	25/12	
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	
14978	Toe Island Light 1	STRUCT DMGD	18528	0616-12	22/12	
14990	Stevens Point Buoy 5	MISSING	18528	0354-12	12/12	
15135	New Era Bar Range Front Daybeacon	DBN IMCH	18528	0723-11	30/11	
15140	New Era Bar Range Rear Daybeacon	DBN IMCH	18528	0724-11	30/11	
15585	Point Chehalis Range Front Light	DBN DEST	18502	1012-09	50/09	
15981	Point Chehalis Lighted Buoy 2	REDUCED INT	18502	0302-12	10/12	
16805	**West Point Lighted Buoy 1**	**LT EXT**	**18474**	**0750-12**	**28/12**	
19395	Belle Rock Sector Light	STRUCT DEST	18429	0976-11	41/11	
19490	Peapod Rocks Light 15	DBN IMCH	18430	0797-11	34/11	
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
8700	Coquille River South Jetty Light 8	WATCHING PROPERLY	18588	0760-12	28/12	28/12
16001	Westhaven Light 7	RELIGHTED	18502	0762-12	28/12	28/12
16805	West Point Lighted Buoy 1	WATCHING PROPERLY	18474	0752-12	28/12	28/12
18860	Swinomish Channel South Entrance Buoy 22	RESET ON STATION	18427	0761-12	28/12	28/12

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
687	Seaside Data Lighted Buoy	MISSING	18520	0693-12	25/12	

DISCREPANCIES (PRIVATE AIDS) CORRECTED

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

None

PLATFORM DISCREPANCIES

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

PLATFORM DISCREPANCIES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

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

TEMPORARY CHANGES

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
586	Port Orford Jetty Light 3	DISCONTINUED	18589	1129-07	22/08	
635	Heceta Head Lighthouse	DISCONTINUED	18580	0049-12	03/12	
10415	Bugby Hole Light 46	TRLB	18523	1166-11	49/11	
10480	Pancake Point Dike Light 59	TRLT	18523	No BNM	21/12	
10525	Westport Channel Lighted Buoy 68	RELOCATED FOR DREDGING	18523	0737-12	27/12	
11770	Bonneville Pool Light 4	TRLB	18531	0909-10	38/10	
19395	Belle Rock Sector Light	TRLB	18429	1031-11	42/11	
19855	Ewing Island Reef Danger Buoy	TRUB	18431	0650-12	23/12	

TEMPORARY CHANGES CORRECTED

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

None

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

SECTION IV - CHART CORRECTIONS

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

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

Chart Number	Chart Edition	Edition Date	Last Local Notice to Mariners	Horizontal Datum Reference	Source of Correction	Current Local Notice to Mariners
12327	91st Ed.	19-APR-97	Last LNM: 26/97	NAD 83		27/97

Chart Title: NY-NJ-NEW YORK HARBOR - RARITAN RIVER

Main Panel 2245 NEW YORK HARBOR CGD01

(Temp) ADD NATIONAL DOCK CHANNEL BUOY 3 at 40-41-09.001N 074-02-48.001W

Green can

Corrective Action | Object of Corrective Action | Position

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

18441 **47th Ed.** **01-JUN-11** **Last LNM: 24/12** **NAD 83** **28/12**

ChartTitle: **Puget Sound-northern part**

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

CHANGE	Agate Passage Light 2 Add Obscured Sector to light, bearing 041° to 204°, and labeled LT OBSC.	CGD13 at 47-43-18.973N	122-33-22.418W

18445 **34th Ed.** **01-APR-12** **Last LNM: 24/12** **NAD 83** **28/12**

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

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

CHANGE	Agate Passage Light 2 Add Obscured Sector to light, bearing 041° to 204°, and labeled LT OBSC.	CGD13 at 47-43-18.973N	122-33-22.418W

18446 **18th Ed.** **01-MAR-11** **Last LNM: 15/12** **NAD 83** **28/12**

ChartTitle: **Puget Sound-Apple Cove Point to Keyport;Agate Passage**

CHART WA - PUGET SOUND - APPLE COVE POINT TO KEYPORT. Page/Side: N/A

CHANGE	Agate Passage Light 2 Add Obscured Sector to light, bearing 041° to 204°, and labeled LT OBSC.	CGD13 at 47-43-18.973N	122-33-22.418W

18473 **8th Ed.** **01-SEP-05** **Last LNM: 24/12** **NAD 83** **28/12**

ChartTitle: **Puget Sound-Oak Bay to Shilshole Bay**

Main Panel 1937 OAK BAY TO SHILSHOLE BAY PUGET SOUND. Page/Side: N/A

CHANGE	Agate Passage Light 2 Add Obscured Sector to light, bearing 041° to 204°, and labeled LT OBSC.	CGD13 at 47-43-18.973N	122-33-22.418W

18526 **60th Ed.** **01-JUN-12** **Last LNM: 26/12** **NAD 83** **28/12**

ChartTitle: **Port of Portland, Including Vancouver;Multnomah Channel-southern part**

Main Panel 1743 PORT OF PORTLAND INCLUDING VANCOUVER. Page/Side: N/A

DELETE	Fixed Bridge Label; FIXED BRIDGE HOR CL 270 FT VERT CL 72 FT (NOS NW-21295)	NOS 45-27-53.500N	122-39-36.200W
ADD	Bridge Construction CAUTION note; Fixed and floating obstructions, some submerged, may exist within the magenta tinted bridge	NOS 45-27-56.000N	122-39-05.300W

	construction area. Mariners are advised to proceed with caution. (NOS NW-21295)		
ADD	Bridge Construction Label; Bridge under construction (NOS NW-21295)	NOS 45-27-53.500N	122-39-36.200W
ADD	Bridge Construction; Chart No. 1: D.d, with magenta screen extending 500 feet from bridge (NOS NW-21295)	NOS 45-27-52.000N	122-39-57.000W

18528 **11th Ed.** **01-JUL-08** **Last LNM: 26/12** **NAD 83** **28/12**

ChartTitle: **Willamette River Portland to Walnut Eddy**

Main Panel 1746 WILLAMETTE RIVER PORTLAND TO WALNUT EDDY. Page/Side: N/A

DELETE	Fixed Bridge Label; FIXED BRIDGE HOR CL 270 FT VERT CL 72 FT (NOS NW-21295)	NOS 45-27-50.900N	122-39-35.200W
ADD	Bridge Construction CAUTION note; Fixed and floating obstructions, some submerged, may exist within the magenta tinted bridge construction area. Mariners are advised to proceed with caution. (NOS NW-21295)	NOS 45-27-49.300N	122-39-14.900W
ADD	Bridge Construction Label; Bridge under construction (NOS NW-21295)	NOS 45-27-50.900N	122-39-35.200W

18587 **71st Ed.** **01-APR-11** **Last LNM: 18/12** **NAD 83** **28/12**

ChartTitle: **Coos Bay**

Main Panel 1796 COOS BAY. Page/Side: N/A

DELETE	Bridge under construction label; Bridge under construction (NOS NW-21851)	NOS 43-26-23.800N	124-13-12.600W
DELETE	Bridge under construction; Chart No. 1: D.d, with magenta screen extending 500 feet from bridge (NOS NW-21851)	NOS 43-26-23.800N	124-13-12.600W
CHANGE	Fixed Bridge Label; FIXED BRIDGE HOR CL 209 FT VERT CL 20 FT (27 FT AT CENTER) (NOS NW-21851)	NOS 43-26-23.800N	124-13-12.600W
CHANGE	Tabulation - COOS BAY, ISTHMUS SLOUGH AND CHARLESTON CHANNEL DEPTHS http://ocsdata.ncd.noaa.gov/ntm/SupportImage.aspx?ItemID=221016; Tabulation - COOS BAY, ISTHMUS SLOUGH AND CHARLESTON CHANNEL DEPTHS (NOS NW-21840)	NOS 43-22-51.000N	124-15-07.000W
ADD	Fixed Bridge; Chart No. 1: D22 (NOS NW-21851)	NOS 43-26-23.800N	124-13-12.600W

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

Approved Project(s)	Project Date	Ref. LNM
None		

Advance Notice(s)

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

Proposed Project(s)	Closing	Docket No.	Ref. LNM
None			

Proposed Change Notice(s)

COLUMBIA RIVER – VANCOUVER TO BONNEVILLE – Ione Reef Buoy 1 Disestablishment

The USCG is proposing to disestablish Ione Reef Buoy 1 (LLNR 11500) as it is no longer considered necessary for the safe navigation of the waterway.

Chart 18531 LNM: 27/12

COLUMBIA RIVER – BONNEVILLE TO THE DALLES – HOOD RIVER – Hood River Boat Basin Daybeacon 1 Disestablishment

The U.S. Coast Guard is proposing to disestablish Hood River Boat Basin Daybeacon 1 (LLNR 11956) as the basin is no longer being used for vessel moorage or anchoring due to being extensive shoaling.

Chart 18532 LNM: 25/12

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	08/14/11	No BNM
Pend Oreille Lake	Sandpoint US 95 Bridge (SB)	Sandpoint, ID	R LTs/W. Side EXT	05/18/12	No BNM
Willamette River	Marquam Bridge (I-5)	Portland, OR	EXT	06/20/12	0712-12
Willamette River	Fremont Bridge	Portland, OR	EXT	06/14/12	No BNM

LNM: 28/12

BRIDGE LIGHTING DISCREPANCIES CORRECTED

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

St. Joe River St. Joe River Bridge St. Maries, ID

LNM: 28/12

OREGON – YAQUINA BAY – Yaquina Bay Bridge paint and repair

The Yaquina Bay Bridge paint and repair project may reduce the vertical clearance by 10 feet in various locations underneath the bridge from 01 Apr 11 until 31 Oct 12. The work platforms and containment systems will be marked with yellow flashing lights.

Chart 18581 LNM: 13/11

COLUMBIA RIVER – Astoria Megler Bridge Painting

A painting containment system may be installed at various locations on the Astoria Megler Bridge, Columbia River RM 13.5, except the main span, until 31 Oct 12. This will reduce vertical clearance by ten feet. The main navigation span will not be affected. Installations will be marked at each corner by flashing red lights.

Chart 18521 LNM: 13/12

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

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

Scaffolding will be placed on the Steel Bridge, RM 12.1, Willamette River, Portland, Oregon beginning 01 Apr 12. The scaffolding is being placed beneath the lower deck of Steel Bridge to facilitate track maintenance to include the replacement of rail cross ties. Scaffolding may be installed under the bridge so that the vertical clearance is not reduced by more than 4 feet for maritime traffic passing beneath the bridge. The scaffolding may be in place at various locations under the structure from 01 Apr 12 until 01 Apr 13. The lift span of the Steel Bridge will continue to operate as normal in accordance with 33 CFR 117.5 unless otherwise authorized by this office. Questions may be directed to the Coast Guard Bridge Administrator, Randall Overton at 206-220-7282 or email Randall.d.overton@uscg.mil.

Chart 18526 LNM: 13/12

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

OREGON – WILLAMETTE RIVER – Sellwood Bridge construction

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

Chart 18526 LNM: 47/11

SNAKE RIVER – Water Management in the Snake River Pools

The Lower Snake River Projects (Ice Harbor, Lower Monumental, Little Goose and Lower Granite) are at minimum pool operation (MOP). Mariners should use extreme caution when approaching and entering the navigation locks during this period. Report any problems encountered to the lock operator on duty and for additional information, contact the USACE Walla Walla District at (509) 527-7115 or visit the website: http://www.nww.usace.army.mil/.

The MOP levels are as follows:
Ice Harbor 437-438 feet,
Lower Monumental 537-538 feet,
Little Goose 633-634 feet,
Lower Granite 733-734 feet, possible variations in elevation based on current river flow.

Charts: 18545 18546 18547 18548 LNM: 15/52

WASHINGTON – PUGET SOUND – HOOD CANAL BRIDGE – Special Notice

The USCG has signed a final rule which modifies the drawbridge operating regulation for the Hood Canal floating drawbridge near Port Gamble. The new rule allows the draw of the bridge not open for maritime traffic from 1500 until 1815 everyday during the summer months; from 22 May until 30 September, every year. Vessels which do not require a bridge opening may continue to transit beneath the fixed sections of the bridge during this closure period. Vessels of the U.S. Navy and vessels assisting with U. S. Naval operations, as well as, commercial tug and tow vessels are exempt from this regulation; therefore the draw span will be required to open, if needed, for these vessels during the closure period. This rule will be published in the Federal Register and become part of the Code of Federal Regulations (CFR), under article 33 CFR § 117.1045.

Charts: 18473 18476 18477 LNM: 19/12

WASHINGTON – ELLIOTT BAY – DUWAMISH WATERWAY – Bridge ConstructionThrough Feb 2013

Construction work will continue in the vicinity of the South Park Bridge on the Duwamish Waterway through the month of Feb 13. The waterway will be partially obstructed due to construction of concrete pillars and anchoring of barges. Mariners use caution and slowest speed while transiting the South Park Bridge area. Complete blockage may occur and will be announced separately.

Chart 18450 LNM: 29/11

WASHINGTON – DUWAMISH WATERWAY – Voluntary Avoidance of Opening of Spokane Street Bridge During Rush Hours

The City of Seattle Department of Transportation is requesting that vessel traffic voluntarily avoid requesting openings of the Spokane Street Swing Bridge over the Duwamish Waterway, mile 0.3, during the hours of 1500 to 1800, Monday through Friday, until 30 Sep 12. This voluntary avoidance of openings is requested to accommodate roadway traffic that has been diverted from the high-level Spokane Street Bridge to the lower Spokane Street swing bridge because of on-going construction on the Spokane Street Viaduct access ramps. Vessels needing an opening of the bridge between 1500 to 1800 during the weekday are requested to provide advance notice if possible so that street traffic may be alerted to openings of the bridge. For more information contact the City of Seattle Department of Transportation at (206) 684-3897 or visit the website: http://www.seattle.gov/transportation/spokanestreet.htm.

Chart 18450 LNM: 02/12

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 – 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.

Station Latitude Longitude
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

COLUMBIA RIVER – ILWACO WASHINGTON – Temporary Acoustic Telemetry Equipment Deployment

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 – TENASILLAHE ISLAND – Temporary Acoustic Research Buoys

The Columbia River Inter Tribal Fish Commission will be setting four research buoys IVO Tenasillahe Island near RM 35 from 25-29 Jun 12 until Oct 2012. The buoys are unlighted foam fluorescent orange and size 1.5 ft by 6 inch diameter, and labeled "CRITFC". An additional salmon red inflatable buoy is attached to help distinguish from other recreational buoys. These buoys have an attached Vemco VR-2W receiver that is placed ~10-15- ft below the surface to a 1- inch line, which is held in place by a 50lbs kedge anchor or 22lbs claw anchor and is labeled with contact information as well. The buoys will be set at the following locations:
Tl1 46-14-56.220N / 123-26-03.000W;
Tl2 46-14-46.320N / 123-26-16.980W;
Tl3 46-14-38.700N / 123-26-27.900W;
Tl4 46-13-31.140N / 123-28-37.800W.

Chart 18523 LNM: 24/12

COLUMBIA RIVER – PUGET ISLAND – Research Trawling

NOAA will be conducting research pair-trawling operations IVO Puget Island at RM 37 to 51, between 6 Mar 12 and 30 Jul 12. Operations may occur day or night. Trawl gear will be marked by floats and extends near the surface for approximately 100 yards behind the tow vessels, terminating at a third vessel. Mariners are requested to use caution IVO the operation. NOAA vessels monitor VHF-FM channels 13 and 16. For additional information please contact the Vessel Operations Coordinator at (503) 861-1818, Ext 35.

Chart 18523 LNM: 09/12

WASHINGTON – COLUMBIA RIVER – Dock Demolition and Construction at the United Harvest Dock

HME Construction, INC. is conducting demolition and construction operations at the United Harvest Dock on the Columbia River at RM 77 in Kalama, WA. The work will continue until approximately 31 Jul 12. Operations will be performed up to 10 hours daily, 5 to 7 days per week. The derrick barges Sea Horse, Sea Vulture, Sea Hawk and various tugs and vessels will be used for the operation. The DB(s) will spud down and display proper day shapes and lights, and have AIS activated. VHF-FM channels 13, 16 and 69 will be monitored by the working vessels. Mariners are requested to use the slowest and safest speed to minimize wakes when transiting the area. For more information contact HME Construction, INC. at (360) 695-4553.

Chart 18524 LNM: 12/12

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

The USACE, Walla Walla and Portland Districts, are implementing the summer seasonal lockage schedule, which is effective from 15 May 12 to 15 Sep 12, for the passage of recreational craft through the navigation locks. For the lockage schedule and additional information, visit Portland's website at: http://www.nwp.usace.army.mil/locations/home.asp, and Walla Walla's at: https://www.nwp.usace.army.mil/op/s/nl/home.asp or contact the Operations Division at (509) 527-7115 or (509) 527-7120.

LNM: 19/12

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

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.

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

SNAKE RIVER – LAKE SACAJAWEA – Obstruction to navigation at the downstream approach to the Ice Harbor Lock and Dam (revised from LNM 01/12)

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 resent 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 – LOWER GRANITE LAKE – LOWER GRANITE DAM – Research Barge

NOAA has placed a fish research barge on the southern up stream side of the Lower Granite Dam at RM 107.6 in position 46-39-24.17N/117-25-25.630W. The barge is marked with 2 flashing white lights on both ends and NOAA contact information signage.

Chart 18548 LNM: 16/12

SNAKE RIVER – LOWER GRANITE LAKE – LOWER GRANITE RESERVOIR – Research Barge

NOAA has placed a fish research barge at RM 131.5, in position 46-25-22.710N/117-11-02.120W, across the river from Silcott Island. The barge is marked with 2 flashing yellow lights (Fl Y) on both ends and NOAA contact information signage.

Chart 18548 LNM: 16/12

WASHINGTON – APPROACHES TO STRAIT OF JUAN DE FUCA – LaPush Lighted Research Buoy

University of Washington has placed a subsurface research buoy off the Washington coast near LaPush at 47-57-51.180N, 124-56-53.880W. The buoy is 50 feet below the surface, and fishing vessels are requested to operate no closer than 300 yards of the deployed position. Contact John Mickett at (206) 897-1795, or email jmickett@apl.washington.edu.

Chart 18460 LNM: 34/11

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 – SEATTLE – Temporary Buoy

Yellow research buoys with a flashing white every four seconds light (Fl W 4s) have been set near Carkeek Park, and are marked with the letters 'NOAA' at positions 47-44-06.0N, 122-23-48.0W and 47-43-24.0N, 122-23.48.0W. The first buoy will be removed the week 03 Jul 12 and the second buoy will be removed the week of 24 Aug 12.

Charts: 18446 18473 LNM: 23/12

WASHINGTON – SEATTLE – ELLIOTT BAY – TERMINAL 18 – Port of Seattle – Wake/Thrust Reductions

The Port of Seattle will be performing under pier construction activities at Terminal 18 commencing 5 Mar 12 and continuing through 30 Jul 12. Under pier scaffolds will be erected for crews to perform work during low tides. During intermediate and high tides, scaffolds will be submerged and subject to damage from wakes and vessel thrust. The Port of Seattle requests all vessel operators minimize wakes and thrust, to the degree prudent, in the East Waterway between the 3,000 and 4,000 foot marks (mid terminal) at Terminal 18. The construction location will be marked by signage, with work floats and scaffolds outside the fender system. For information, contact Scott Pattison, Port of Seattle (206) 787-3723, or pattison.s@portseattle.org.

Chart 18450 LNM: 08/12

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 – ROSARIO STRAIT – Belle Rock Sector Light Destroyed (revised from LNM 43/11)

Belle Rock Sector Light (LLNR 19395), has been destroyed and replaced by a lighted isolated danger buoy marked 'BR' with a white light flashing twice every five seconds (Fl (2) W 5s) in position 48-29-36.517N, 122-44-56.466W. The buoy is set 302 yards at 078.3 degrees east of Belle Rock, in 100 feet of water. The buoy has been named Belle Rock Lighted Isolated Danger Buoy "BR" (LLNR 19397).

Charts: 18421 18429 LNM: 45/11

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	
16805	*West Point Lighted Buoy 1*	47-39-36.681N 122-26-28.311W	Fl G 4s		4	Green.		28/12
17930	AGATE PASSAGE LIGHT 2	47-43-18.973N 122-33-22.418W	Fl R 4s	20	* 5	TR on dolphin.	Light is obscured from 041° to 204°. *	28/12

PUBLICATION CORRECTIONS

None

ENCLOSURES

Enclosure 1

OREGON - WASHINGTON - COLUMBIA RIVER - Dredging Operations

LNM: 28/12

Enclosure 2

OREGON - PORTLAND and WASHINGTON - SEATTLE - Marine Events

LNM: 28/12

Enclosure 3

Snake River White Sturgeon Study

LNM: 20/12

Enclosure 4

OREGON – WASHINGTON – Acoustic Research OPAREA

LNM: 27/12

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 planned or in progress at the following locations:

Start Date	End Date	Times	Location	Dredge Vessel	Assist Vessel	Channels Monitored	Disposal Area	LNM
05 Jul 12	11 Jul 12	Mon-Sun 24 Hours	Columbia River, Willow Bar (RM 94 to 97)	Essayons	None	13 and 16 VHF-FM	Columbia River, (RM 93 to RM 96)	28/12
9 July 12	30 Aug 12	Mon-Sun 24 Hours	Columbia River (RM 28.5)	Oregon	Ivanoff, Clackamas, WL Williams	13 and 16 VHF-FM	In- Water (RM 28.5)	28/12
10 Jul 12	21 Oct 12	Mon-Sun 24 Hours	Columbia River Entrance (RM -2 to RM 2)	Stuyvesant	None	13 and 16 VHF-FM	Columbia River (RM 0)	28/12
10 Jul 12	12 Jul 12	Mon-Sun 24 Hours	Coos Bay (RM 2 to RM 10)	Yaquina	None	13 and 16 VHF-FM	Ocean Site, F	28/12
11 Jul 12	12 Jul 12	Mon-Sun 24 Hours	Columbia River, Henrici Bar (RM 90 to 91)	Essayons	None	13 and 16 VHF-FM	Columbia River, (RM 88 to RM 91)	28/12
12 Jul 12	15 Jul 12	Mon-Sun 24 Hours	Siuslaw River (RM -1 to RM 1)	Yaquina	None	13 and 16 VHF-FM	Ocean Site, North	28/12
12 Jul 12	14 Jul 12	Mon-Sun 24 Hours	Columbia River, Slaughters/Lower Dobelbower Bar	Essayons	None	13 and 16 VHF-FM	Columbia River, (RM 62 to RM 70)	28/12
14 Jul 12	15 Jul 12	Mon-Sun 24 Hours	Columbia River, Walker Island Reach (RM 60)	Essayons	None	13 and 16 VHF-FM	Columbia River, (RM 55 to RM 56)	28/12
15 Jul 12	19 Jul 12	Mon-Sun 24 Hours	Yaquina Entrance (RM -1 to RM 1)	Yaquina	None	13 and 16 VHF-FM	Ocean, South Site	28/12
16 Jul 12	17 Jul 12	Mon-Sun 24 Hours	Columbia River Stella-Fisher Bar (RM 57 to 59)	Essayons	None	13 and 16 VHF-FM	Columbia River, (RM 55 to RM 56)	28/12

***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.**

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
13-15 Jul 12	0900-1600	Maritime Heritage Festival	St. Helens City Docks	Maritime Heritage Walition/St. Helens POC: Chris Finks
14 July 12	2000-2030	Rainer Days	Columbia River, Rainer, OR	City of Rainer
15 Jul 12	0900-1300	Willamette SUP Challenge at George Rogers Park	George Rogers Park, Lake Oswego	George Performance
17 Jun 12 thru 16 Jul 12	0830-1700	36th Annual Desert Regatta	Charbonneau Park, Pasco, WA	Columbia Basin Sailing Club POC: Doug Queen
22 July 12	0700-1500	Portland Bridge Swim	Willamette River, Sellwood Riverfront Park to Cathedral Park	Tualatin Hills Barracudas and Marisa Frieder
27 & 28 Jul 12	0600-1800	Ilwaco Tuna Classic	Ilwaco, WA	Oregon Tuna Classic POC: Dean Fenguson
27-29 Jul 12	0730-1730	Tri-City Water Follies Unlimited Hydroplane Races	Columbia Park in Kennewick, WA	Tri-City Water Follies Association POC: Kathy Powell
28 July 12	2000-2030	Celebrate Milwaukie Daze	Willamette River, Milaukie, OR	Celebrate Milwaukie, Inc.
29 Jul 12	1100-1500	The Big Float	West side of the Marquam Bridge to the East side of the Hawthorne Bridge in Portland, Or	Willamette Riverkeeper POC: Will Levenson/Kate Ross
04 Aug 12	0600-1600	Youth Tournament	Lake Wallula, WA	Oregon Bass Federation POC: Jason Hooper
08 Aug 12	2000-2030	Oregon Symphony Free Concert & Fireworks	Willamette River at Waterfront Park, Portland, OR	Oregon Symphony
11 Aug 12	1000-1600	Double Damned Race	Columbia River between Cascade Locks & The Dalles	George Performance POC: Douglass Archibald
11 Aug 12	1900-2100	Regatta Twilight Boat Parade	Astoria Oregon	Astoria Regatta Association POC: Al Olson
11 Aug 12	2000-2030	Astoria Regatta	East Basin Moorage, Astoria, OR	Astoria Regatta Association
11-12 Aug 12	1000-1730	Smoke on the Water Regatta	Vista Park, Skamokawa, WA	Hobie Fleet 72, Div, 4 HCA-NA
11 Aug 12	1900-2100	Regatta Twilight Boat Parade	Astoria, OR	Astoria Regatta Association
12 Aug 12	1200-1400	CFF Gumby Derby	Columbia River Maritime Museum Astoria, OR	Commercial Fishermen Festival
18-19 Aug 12	0600-1400	Oregon Bridge to Bridge Offshore Race	Astoria-Newport, OR	Yaquina Bay Yacht Club POC: Mike Blackburn
25-26 Aug 12	0600-1600	Club Tournament	Lake Wallula, WA	Oregon Bass Federation POC: Jason Hooper
01 Sep 12	0900-1000	Titanium Man Triathlon	Pasco, WA	Tree Rivers Road Runners
04 Sep 12	0900-1000	Power of Pasco Sprint Triathlon	Pasco, WA	Tree Rivers Road Runners
15 Sep 12	0830-0900	Columbia Crossing Swim	Pasco, WA	Tree Rivers Road Runners
23 Sep 12	1000-1030	Portland Triathlon	North Breakwater to Morrison Bridge, Portland, OR	Skyline Events, LLC
13-14 Oct 12	0600-1600	Couples Tournament	Lake Wallula, WA	Oregon Bass Federation POC: Jason Hooper
27 Oct 12	2000-2030	Leukemia & Lymphoma Light the Night Walk	Willamette River between Steele & Burnside Bridges, Portland, OR	Leukemia & Lymphoma Society
28 Oct 12	0700-1500	Portland Fall Classic	Willamette River, Portland, OR	Station L Rowing Club and Rose City Rowing Club

SECTOR PUGET SOUND MARINE EVENTS

EVENT DATE	TIME	EVENT NAME	EVENT LOCATION	SPONSOR
11-Jul-12	1700 - 2000	BYC Wednesday Series	Bellingham Bay	Bellingham Yacht Club
11-Jul-12	1900 - 2100	CYCT Windseeker Wednesdays	Commencement Bay	Corinthian Yacht Club of Tacoma
11-Jul-12	1200 - 2000	Sailboat Racing	Budd Inlet	South Sound Sailing Society
11-Jul-12	1800 - 2000	Summer Evening - PHRF	Shilshole Bay	Corinthian Yacht Club of Seattle
11-Jul-12	1800 - 2000	Summer Evening - Wednesday Evenings	Lake Washington	Corinthian Yacht Club of Seattle
11-Jul-12	1800-2000	Summer Series - CYCE	Edmonds	Corinthian Yacht Club of Edmonds

EVENT DATE	TIME	EVENT NAME	EVENT LOCATION	SPONSOR
12-Jul-12	1100 - 1600	Diving Ops	Point Wilson - SS Governor Wreck	Adventures Down Under
12-Jul-12	1830 - 2030	Downtown Sailing Series	Elliott Bay	Elliott Bay Marina
12-Jul-12	0700 - 0830	Mid Sound Social	Des Moines Marina	Three Tree Point Yacht Club
12-Jul-12	1200 - 2000	Sailboat Racing	Budd Inlet	South Sound Sailing Society
12-Jul-12	1800 - 2000	Summer Evening - One Design	Shilshole Bay	Corinthian Yacht Club of Seattle
13-Jul-12	1200 - 2230	2012 Race Season	Port Gardner Bay	Milltown Sailing Association
13-Jul-12	0500 - 2000	Bellingham Salmon Derby	Bellingham - San Juan Islands	Bellingham Puget Sound Anglers
13-Jul-12	1000 - 1700	BYC Summer Solstice Series	Bellingham Bay	Bellingham Yacht Club
13-Jul-12	1200 - 1700	Diving Ops	Point Wilson - SS Governor Wreck	Adventures Down Under
13-Jul-12	1900 - 2030	STYC - Friday Nights	Shilshole	Sloop Tavern Yacht Club
13-Jul-12	1800 - 2100	Summer Cat's Paw Series	Port Townsend Bay	Port Townsend Sailing Association
14-Jul-12	0500 - 2000	Bellingham Salmon Derby	Bellingham - San Juan Islands	Bellingham Puget Sound Anglers
14-Jul-12	2030	Flying Lantern Ceremony	Gas Works Park	NA
14-Jul-12	1430 - 1800	Olympia Traverse	Budd Inlet	Olympia Traverse
14-Jul-12	1000 - 1400	Sound Rowers' Manchester Race	Manchester State Park	Sound Rowers
15-Jul-12	0500 - 2000	Bellingham Salmon Derby	Bellingham - San Juan Islands	Bellingham Puget Sound Anglers
16-Jul-12	1200 - 2000	Sailboat Racing	Budd Inlet	South Sound Sailing Society
17-Jul-12	1700 - 2000	BYC Tuesday Series	Bellingham Bay	Bellingham Yacht Club
17-Jul-12	1850 - 2200	Duck Dodge	Lake Union	Duck Dodge Race Committee
17-Jul-12	1800 - 2000	Summer Evening - Tuesday Evenings	Lake Washington	Corinthian Yacht Club of Seattle
18-Jul-12	1700 - 2000	BYC Wednesday Series	Bellingham Bay	Bellingham Yacht Club
18-Jul-12	1900 - 2100	CYCT Windseeker Wednesdays	Commencement Bay	Corinthian Yacht Club of Tacoma
18-Jul-12	1200 - 2000	Sailboat Racing	Budd Inlet	South Sound Sailing Society
18-Jul-12	1800 - 2000	Summer Evening - PHRF	Shilshole Bay	Corinthian Yacht Club of Seattle
18-Jul-12	1800 - 2000	Summer Evening - Wednesday Evenings	Lake Washington	Corinthian Yacht Club of Seattle
18-Jul-12	1800 - 2000	Summer Series - CYCE	Edmonds	Corinthian Yacht Club of Edmonds
19-Jul-12	1830 - 2030	Downtown Sailing Series	Elliott Bay	Elliott Bay Marina
19-Jul-12	0700 - 0830	Mid Sound Social	Des Moines Marina	Three Tree Point Yacht Club
19-Jul-12	1800 - 2000	Summer Evening - One Design	Shilshole Bay	Corinthian Yacht Club of Seattle
20-Jul-12	1200 - 2230	2012 Race Season	Port Gardner Bay	Milltown Sailing Association
20-Jul-12	0530 - 1700	Salmon Smackdown	Bremerton	Smackdown Tournaments, LLC
20-Jul-12	1900 - 2030	STYC - Friday Nights	Shilshole	Sloop Tavern Yacht Club
20-Jul-12	1800 - 2100	Summer Cat's Paw Series	Port Townsend Bay	Port Townsend Sailing Association
21-Jul-12	0800 - 1200	Fat Salmon Open Water Swim	Lake Washington	Green Lake Aqua Ducks
21-Jul-12	0600 - 1400	Lake Washington Bass Club	Lake Washington	Capital City Bass Club
21-Jul-12	0400 - 1300	NKPSA Chinook Derby	Hansville, WA	North Kitsap Puget Sound Anglers
21-Jul-12	0530 - 1700	Salmon Smackdown	Bremerton	Smackdown Tournaments, LLC
22-Jul-12	0600 - 1400	Lake Washington Bass Club	Lake Washington	Capital City Bass Club
22-Jul-12	0530 - 1700	Salmon Smackdown	Bremerton	Smackdown Tournaments, LLC
23-Jul-12	1200 - 2000	Sailboat Racing	Budd Inlet	South Sound Sailing Society
23-Jul-12	1815 - 2030	STYC Ballard Cup Series I, II and III	Shilshole Bay	Sloop Tavern Yacht Club
24-Jul-12	1700 - 2000	BYC Tuesday Series	Bellingham Bay	Bellingham Yacht Club
24-Jul-12	1850 - 2200	Duck Dodge	Lake Union	Duck Dodge Race Committee
24-Jul-12	1800 - 2000	Summer Evening - Tuesday Evenings	Lake Washington	Corinthian Yacht Club of Seattle
25-Jul-12	1700 - 2000	BYC Wednesday Series	Bellingham Bay	Bellingham Yacht Club
25-Jul-12	1900 - 2100	CYCT Windseeker Wednesdays	Commencement Bay	Corinthian Yacht Club of Tacoma
25-Jul-12	1200 - 2000	Sailboat Racing	Budd Inlet	South Sound Sailing Society
25-Jul-12	1800 - 2000	Summer Evening - PHRF	Shilshole Bay	Corinthian Yacht Club of Seattle
25-Jul-12	1800 - 2000	Summer Evening - Wednesday Evenings	Lake Washington	Corinthian Yacht Club of Seattle
25-Jul-12	1800 - 2000	Summer Series - CYCE	Edmonds	Corinthian Yacht Club of Edmonds
26-Jul-12	1830 - 2030	Downtown Sailing Series	Elliott Bay	Elliott Bay Marina
26-Jul-12	0700 - 0830	Mid Sound Social	Des Moines Marina	Three Tree Point Yacht Club
26-Jul-12	1200 - 2000	Sailboat Racing	Budd Inlet	South Sound Sailing Society
26-Jul-12	1800 - 2000	Summer Evening - One Design	Shilshole Bay	Corinthian Yacht Club of Seattle
27-Jul-12	1200 - 2230	2012 Race Season	Port Gardner Bay	Milltown Sailing Association

EVENT DATE	TIME	EVENT NAME	EVENT LOCATION	SPONSOR
27-Jul-12	1000 - 1700	BYC Summer Solstice Series	Bellingham Bay	Bellingham Yacht Club
27-Jul-12	1900 - 2030	STYC - Friday Nights	Shilshole	Sloop Tavern Yacht Club
27-Jul-12	1800 - 2100	Summer Cat's Paw Series	Port Townsend Bay	Port Townsend Sailing Association
27-Jul-12	2205 - 2230	Whaling Days Fireworks Display	Silverdale, WA	Whaling Days Committee
28-Jul-12	0500 - 1200	Harbor Marine Salmon Tournament	Port of Everett	Harbor Marine
28-Jul-12	1000 - 2030	SYC - Jack and Jill Race	Shilshole Bay, Meadow Pt	Seattle Yacht Club
28-Jul-12	1200 - 1800	Underwater Music Festival	Cutts Island	Setlist Music Solutions, LLC
29-Jul-12	0500 - 1200	Harbor Marine Salmon Tournament	Port of Everett	Harbor Marine
30-Jul-12	1200 - 2000	Sailboat Racing	Budd Inlet	South Sound Sailing Society
30-Jul-12	1815 - 2030	STYC Ballard Cup Series I, II and III	Shilshole Bay	Sloop Tavern Yacht Club
31-Jul-12	1700 - 2000	BYC Tuesday Series	Bellingham Bay	Bellingham Yacht Club
31-Jul-12	1850 - 2200	Duck Dodge	Lake Union	Duck Dodge Race Committee
31-Jul-12	1800 - 2000	Summer Evening - Tuesday Evenings	Lake Washington	Corinthian Yacht Club of Seattle
1-Aug-12	1700 - 2000	BYC Wednesday Series	Bellingham Bay	Bellingham Yacht Club
1-Aug-12	1900 - 2100	CYCT Windseeker Wednesdays	Commencement Bay	Corinthian Yacht Club of Tacoma
1-Aug-12	1200 - 2000	Sailboat Racing	Budd Inlet	South Sound Sailing Society
1-Aug-12	1800 - 2000	Summer Evening - PHRF	Shilshole Bay	Corinthian Yacht Club of Seattle
1-Aug-12	1800 - 2000	Summer Evening - Wednesday Evenings	Lake Washington	Corinthian Yacht Club of Seattle
1-Aug-12	1800 - 2000	Summer Series - CYCE	Edmonds	Corinthian Yacht Club of Edmonds
2-Aug-12	0900 - 0915	Comcast Cablepalooza	Shilshole Bay Beach Club	Comcast Spotlight
2-Aug-12	1830 - 2030	Downtown Sailing Series	Elliott Bay	Elliott Bay Marina
2-Aug-12	0700 - 0830	Mid Sound Social	Des Moines Marina	Three Tree Point Yacht Club
2-Aug-12	0730 - 1800	Seafair Weekend - Hydroplane Race and Air Show	Lake Washington	Seafair
2-Aug-12	1800 - 2000	Summer Evening - One Design	Shilshole Bay	Corinthian Yacht Club of Seattle
2-Aug-12	1800 - 2000	WSCYC Bremerton / Port Orchard Series	Port Orchard, Sinclair Inlet	WSCYC
3-Aug-12	1200 - 2230	2012 Race Season	Port Gardner Bay	Milltown Sailing Association
3-Aug-12	0730 - 1800	Seafair Weekend - Hydroplane Race and Air Show	Lake Washington	Seafair
4-Aug-12	1800 - 2000	Friday Sailfest	Shilshole Bay	Corinthian Yacht Club of Seattle
4-Aug-12	0730 - 1800	Seafair Weekend - Hydroplane Race and Air Show	Lake Washington	Seafair
4-Aug-12	0800 - 1900	STYC - Down the Sound	Shilshole to Gig Harbor	Sloop Tavern Yacht Club
4-Aug-12	0600 - 1300	SKC Puget Sound Anglers Derby	Puget Sound	SKC Puget Sound Anglers
5-Aug-12	0730 - 1800	Seafair Weekend - Hydroplane Race and Air Show	Lake Washington	Seafair
6-Aug-12	1200 - 2000	Sailboat Racing	Budd Inlet	South Sound Sailing Society
6-Aug-12	1815 - 2030	STYC Ballard Cup Series I, II and III	Shilshole Bay	Sloop Tavern Yacht Club
7-Aug-12	1700 - 2000	BYC Tuesday Series	Bellingham Bay	Bellingham Yacht Club
7-Aug-12	1850 - 2200	Duck Dodge	Lake Union	Duck Dodge Race Committee
7-Aug-12	1800 - 2000	Summer Evening - Tuesday Evenings	Lake Washington	Corinthian Yacht Club of Seattle
8-Aug-12	1700 - 2000	BYC Wednesday Series	Bellingham Bay	Bellingham Yacht Club
8-Aug-12	1900 - 2100	CYCT Windseeker Wednesdays	Commencement Bay	Corinthian Yacht Club of Tacoma
8-Aug-12	1200 - 2000	Sailboat Racing	Budd Inlet	South Sound Sailing Society
8-Aug-12	1800 - 2000	Summer Evening - PHRF	Shilshole Bay	Corinthian Yacht Club of Seattle
8-Aug-12	1800 - 2000	Summer Evening - Wednesday Evenings	Lake Washington	Corinthian Yacht Club of Seattle
8-Aug-12	1800 - 2000	Summer Series - CYCE	Edmonds	Corinthian Yacht Club of Edmonds
9-Aug-12	1830 - 2030	Downtown Sailing Series	Elliott Bay	Elliott Bay Marina
9-Aug-12	0700 - 0830	Mid Sound Social	Des Moines Marina	Three Tree Point Yacht Club
9-Aug-12	1200 - 2000	Sailboat Racing	Budd Inlet	South Sound Sailing Society
9-Aug-12	1800 - 2000	Summer Evening - One Design	Shilshole Bay	Corinthian Yacht Club of Seattle
9-Aug-12	1800 - 2000	WSCYC Bremerton / Port Orchard Series	Port Orchard, Sinclair Inlet	WSCYC
10-Aug-12	1200 - 2230	2012 Race Season	Port Gardner Bay	Milltown Sailing Association
10-Aug-12	1000 - 1700	BYC Summer Solstice Series	Bellingham Bay	Bellingham Yacht Club
11-Aug-12	1200 - 2230	2012 Race Season	Port Gardner Bay	Milltown Sailing Association
11-Aug-12	0530 - 2000	Arms Around Bainbridge Round - The - Island Swim Relay	Bainbrigde Island	Arms Around Bainbridge
11-Aug-12	1700 - 2000	BYC Bellingham Youth Regatta	Bellingham Bay	Bellingham Yacht Club
11-Aug-12	1000 - 1700	BYC Governor's Point Race	Bellingham Bay	Bellingham Yacht Club

EVENT DATE	TIME	EVENT NAME	EVENT LOCATION	SPONSOR
11-Aug-12	1800 - 2000	Friday Sailfest	Shilshole Bay	Corinthian Yacht Club of Seattle
11-Aug-12	0600 - 1500	Gig Harbor PSA Salmon Derby	Point South Worth/3 tree Pt/Tacoma Narrows	Gig Harbor Puget Sound Anglers
11-Aug-12	0500 - 1400	Kitsap Poggie Club Derby	South Puget Sound	Kitsap Poggie Club
11-Aug-12	2200 - 2230	Medina Days	Medina Park	Western Fireworks
11-Aug-12	1000 - 1900	Sar District Championships	Shilshole Bay	Corinthian Yacht Club of Seattle
11-Aug-12	1100 - 1800	Shaw Island Classic	Friday Harbor Bay	San Juan Island Yacht Club
11-Aug-12	1100 - 1300	Swim for Rob	Lake Washington	Robert Vasen Foundation
12-Aug-12	1130 - 1430	Aqua Run & Open Water Swim for a Child	Commencement Bay	Gift For a Child
12-Aug-12	0830 - 1430	Kingston Adventures Peninsula Relay	Kingston, WA	Kingston Adventures
12-Aug-12	1000 - 1900	Sar District Championships	Shilshole Bay	Corinthian Yacht Club of Seattle
13-Aug-12	1200 - 2000	Sailboat Racing	Budd Inlet	South Sound Sailing Society
13-Aug-12	1815 - 2030	STYC Ballard Cup Series I, II and III	Shilshole Bay	Sloop Tavern Yacht Club
14-Aug-12	1700 - 2000	BYC Tuesday Series	Bellingham Bay	Bellingham Yacht Club
14-Aug-12	1850 - 2200	Duck Dodge	Lake Union	Duck Dodge Race Committee
14-Aug-12	1100 - 1400	Sound Rowers' Round Shaw Row	Shaw Island	Sound Rowers
14-Aug-12	1800 - 2000	Summer Evening - Tuesday Evenings	Lake Washington	Corinthian Yacht Club of Seattle
15-Aug-12	1700 - 2000	BYC Wednesday Series	Bellingham Bay	Bellingham Yacht Club
15-Aug-12	1900 - 2100	CYCT Windseeker Wednesdays	Commencement Bay	Corinthian Yacht Club of Tacoma
15-Aug-12	1200 - 2000	Sailboat Racing	Budd Inlet	South Sound Sailing Society
15-Aug-12	1800 - 2000	Summer Evening - PHRF	Shilshole Bay	Corinthian Yacht Club of Seattle
15-Aug-12	1800 - 2000	Summer Evening - Wednesday Evenings	Lake Washington	Corinthian Yacht Club of Seattle
15-Aug-12	1800 - 2000	Summer Series - CYCE	Edmonds	Corinthian Yacht Club of Edmonds
16-Aug-12	1830 - 2030	Downtown Sailing Series	Elliott Bay	Elliott Bay Marina
16-Aug-12	1800 - 2000	Summer Evening - One Design	Shilshole Bay	Corinthian Yacht Club of Seattle
16-Aug-12	1800 - 2000	WSCYC Bremerton / Port Orchard Series	Port Orchard, Sinclair Inlet	WSCYC
17-Aug-12	1200 - 2230	2012 Race Season	Port Gardner Bay	Milltown Sailing Association
18-Aug-12	1800 - 2000	Friday Sailfest	Shilshole Bay	Corinthian Yacht Club of Seattle
18-Aug-12	0400 - 1600	South Puget Sound Salmon Derby	South Puget Sound	Puget Sound Anglers
18-Aug-12	1000 - 2000	Vashon Challenge	Vashon Island	Corinthian Yacht Club of Tacoma
20-Aug-12	1200 - 2000	Sailboat Racing	Budd Inlet	South Sound Sailing Society
20-Aug-12	1200 - 2000	Sailboat Racing	Budd Inlet	South Sound Sailing Society
20-Aug-12	1815 - 2030	STYC Ballard Cup Series I, II and III	Shilshole Bay	Sloop Tavern Yacht Club
21-Aug-12	1700 - 2000	BYC Tuesday Series	Bellingham Bay	Bellingham Yacht Club
21-Aug-12	1850 - 2200	Duck Dodge	Lake Union	Duck Dodge Race Committee
21-Aug-12	1800 - 2000	Fall Evening - Tuesday Evenings	Lake Washington	Corinthian Yacht Club of Seattle
21-Aug-12	1200 - 2000	Sailboat Racing	Budd Inlet	South Sound Sailing Society
22-Aug-12	1700 - 2000	BYC Wednesday Series	Bellingham Bay	Bellingham Yacht Club
22-Aug-12	1900 - 2100	CYCT Windseeker Wednesdays	Commencement Bay	Corinthian Yacht Club of Tacoma
22-Aug-12	1800 - 2000	Fall Evening - PHRF	Shilshole Bay	Corinthian Yacht Club of Seattle
22-Aug-12	1800 - 2000	Fall Evening - Wednesday Evenings	Lake Washington	Corinthian Yacht Club of Seattle
22-Aug-12	1200 - 2000	Sailboat Racing	Budd Inlet	South Sound Sailing Society
22-Aug-12	1800 - 2000	Summer Series - CYCE	Edmonds	Corinthian Yacht Club of Edmonds
23-Aug-12	1800 - 2000	Fall Evening - One Design	Shilshole Bay	Corinthian Yacht Club of Seattle
23-Aug-12	1800 - 2000	WSCYC Bremerton / Port Orchard Series	Port Orchard, Sinclair Inlet	WSCYC
24-Aug-12	1200 - 2230	2012 Race Season	Port Gardner Bay	Milltown Sailing Association
24-Aug-12	1000 - 1700	BYC Summer Solstice Series	Bellingham Bay	Bellingham Yacht Club
25-Aug-12	1200 - 1900	4th Annual Work Boat Races	Guemes Channel	Port of Anacortes
25-Aug-12	1000 - 1800	Commencement Bay Maritime Festival	Commencement Bay	Youth Marine Foundation
25-Aug-12	1800 - 2000	Friday Sailfest	Shilshole Bay	Corinthian Yacht Club of Seattle
25-Aug-12	0600 - 1400	Lake Sammamish Bass Tournament	Lake Sammamish	Capital City Bass Club
25-Aug-12	1030 - 1330	Maritime Fest Race	Commencement Bay	Corinthian Yacht Club of Tacoma
25-Aug-12	1000 - 2030	Northwest Jr. Olympics Regatta	Shilshole Bay, Meadow Pt	Seattle Yacht Club
25-Aug-12	0930 - 1300	Sound Rowers' The Great Cross - Sound Race	Alki Beach	Sound Rowers
26-Aug-12	1200 - 1500	Annual Jack and Jill	Edmonds	Corinthian Yacht Club of Edmonds

EVENT DATE	TIME	EVENT NAME	EVENT LOCATION	SPONSOR
26-Aug-12	1001 - 1800	Commencement Bay Maritime Festival	Commencement Bay	Youth Marine Foundation
26-Aug-12	0600 - 1400	Lake Sammamish Bass Tournament	Lake Sammamish	Capital City Bass Club
26-Aug-12	1000 - 2030	Northwest Jr. Olympics Regatta	Shilshole Bay, Meadow Pt	Seattle Yacht Club
27-Aug-12	0800 - 1600	Josh Fueston Memorial Swim to Live	Bellingham Bay	Laurie Fueston
27-Aug-12	1200 - 2000	Sailboat Racing	Budd Inlet	South Sound Sailing Society
28-Aug-12	1700 - 2000	BYC Tuesday Series	Bellingham Bay	Bellingham Yacht Club
28-Aug-12	1850 - 2200	Duck Dodge	Lake Union	Duck Dodge Race Committee
28-Aug-12	1800 - 2000	Fall Evening - Tuesday Evenings	Lake Washington	Corinthian Yacht Club of Seattle
29-Aug-12	1700 - 2000	BYC Wednesday Series	Bellingham Bay	Bellingham Yacht Club
29-Aug-12	1900 - 2100	CYCT Windseeker Wednesdays	Commencement Bay	Corinthian Yacht Club of Tacoma
29-Aug-12	1800 - 2000	Fall Evening - PHRF	Shilshole Bay	Corinthian Yacht Club of Seattle
29-Aug-12	1800 - 2000	Fall Evening - Wednesday Evenings	Lake Washington	Corinthian Yacht Club of Seattle
30-Aug-12	1800 - 2000	Fall Evening - One Design	Shilshole Bay	Corinthian Yacht Club of Seattle
30-Aug-12	1800 - 2000	WSCYC Bremerton / Port Orchard Series	Port Orchard, Sinclair Inlet	WSCYC

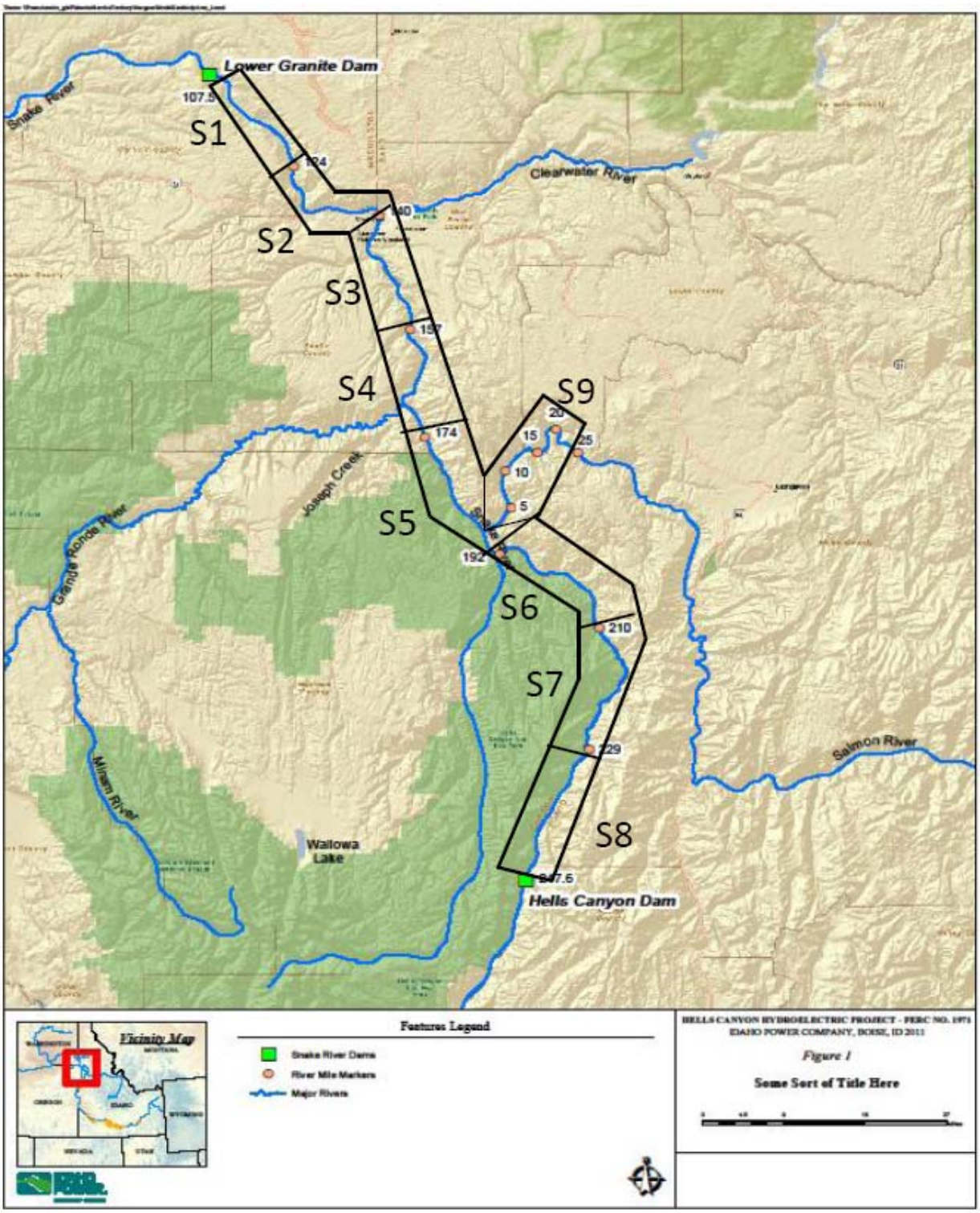
Idaho Power Company
Snake River White Sturgeon Conservation Plan:
Study Plan for Population Assessment of White Sturgeon in the Hells Canyon Reach of the Snake River

The Idaho Power Company will be deploying baited setlines on the riverbed in the below listed locations to capture white sturgeon during a population assessment. The setlines will be marked with an orange float tied to shore and marked with a white strobe during night sets. Refer to charts 18547 and 18548. For more information contact:

Idaho Power Company
Mr. Brandon Bentz, Fisheries Biologist
P.O. Box 70
Boise, ID 83707
(208) 388-5657
BBentz@idahopower.com

2012 IDAHO POWER SET LINE SCHEDULE

River	Date	Segment	River Mile Range	Description
Snake	June 12 - June 14	1	107.7 - 123.8	Lower Granite Dam to Nisqually John Landing
Snake	June 19 - June 21	5	174 - 191.7	Wild Goose Rapid to Imnaha River confluence
Snake	June 26 - June 28	2	124.1 - 140.1	Nisqually John Landing to Lewiston
Snake	July 2 - July 4	4	156.8 - 173.3	Couse Creek to Wild Goose Rapids
Snake	July 10 - July 12	6	192.4 - 209.4	Imnaha River confluence to Somers Creek
Snake	July 17 - July 19	7	210.5 - 228.2	Somers Creek to Steep Creek
Snake	July 24 - July 26	3	140.5 - 156.5	Lewiston Couse Creek
Snake	July 31 - Aug 2	8	229.6 - 246.4	Steep Creek Hells Canyon Dam
Salmon	Aug 7 - Aug 9	9	2.0 - 20.4	Salmon River confluence to Snowhole Rapid
Snake	Aug 14 - Aug 16	2	124.1 - 140.3	Nisqually John Landing to Lewiston
Snake	Aug 21 - Aug 23	3	140.5 - 156	Lewiston Couse Creek
Snake	Aug 28 - Aug 30	4	156.9 - 173.2	Couse Creek to Wild Goose Rapids
Snake	Sept 4 - Sept 6	5	174.7 - 191.2	Wild Goose Rapid to Imnaha River confluence
Salmon	Sept 11 - Sept 13	9	1.8 - 23.1	Salmon River confluence to Snowhole Rapid
Snake	Sept 18 - Sept 20	8	229.3 - 247	Steep Creek Hells Canyon Dam
Snake	Sept 25 - Sept 27	6	191.8 - 209.5	Imnaha River confluence to Somers Creek
Snake	Oct 2 - Oct 4	7	210.7 - 228.7	Somers Creek to Steep Creek
Snake	Oct 9 - Oct 11	1	107.8 - 123.5	Lower Granite Dam to Nisqually John Landing


Lower Granite Dam
107.5
Snake River
S1
124
Clearwater River
140
S2
S3
157
S4
174
S9
20
15
25
10
5
Joseph Creek
S5
192
Grande Ronde River
S6
210
S7
229
Salmon River
Imnaha River
Wallowa Lake
S8
247.6
Hells Canyon Dam
Vicinity Map
Features Legend
Snake River Dams
River Mile Markers
Major Rivers
HELLS CANYON HYDROELECTRIC PROJECT - FERC NO. 1971
IDAHO POWER COMPANY, BOISE, ID 2011
Figure 1
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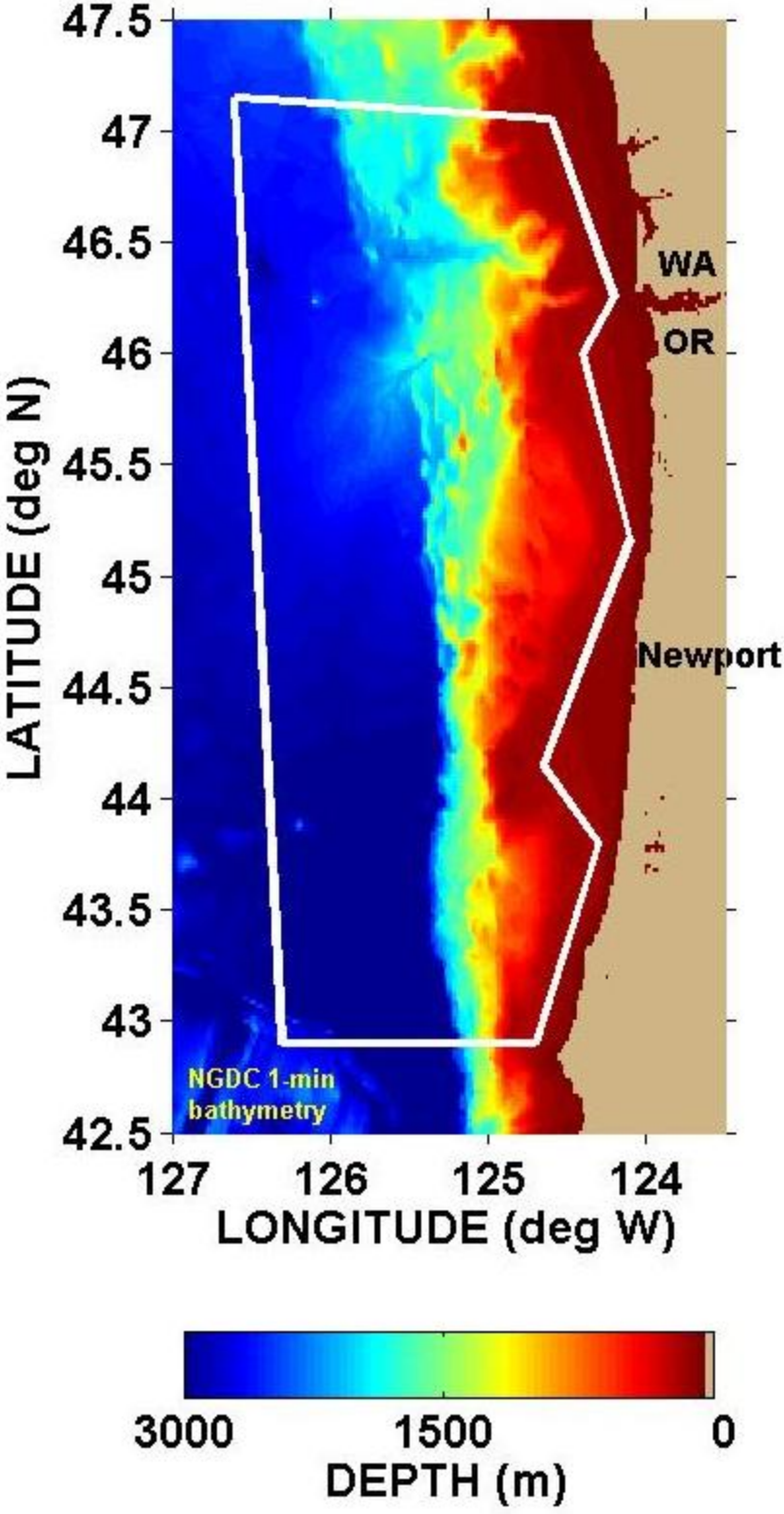
NOTICE-TO-MARINERS OPS AREA (White Polygon)
R/V New Horizon cruise NH1207 (24 Jul - 6 Aug 2012)