



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

## LOCAL NOTICE TO MARINERS

**District: 13**

**Week: 16/21**

ISSUED BY: COMMANDER, THIRTEENTH COAST GUARD DISTRICT (dpw)  
915 Second Avenue, 35th Floor, Rm 3510, Seattle, Washington 98174-1067  
Telephone: (206) 220-7280  
Email: D13-SMB-D13-LNM@uscg.mil  
<https://www.pacificarea.uscg.mil/Our-Organization/District-13/District-Staff/-dpw/>  
<https://www.navcen.uscg.gov/?pageName=lnmDistrict&region=13>

COMDTPUB P16502.6, Light List Volume VI, 2021 Edition, and Coast Pilot Volume 10, 2020 Edition.  
Light List Volume VI, 2021 Edition is available at [https://www.navcen.uscg.gov/pdf/lightLists/LightList\\_V6\\_2021.pdf](https://www.navcen.uscg.gov/pdf/lightLists/LightList_V6_2021.pdf)  
Coast Pilots, along with corrections, are available at: [www.nauticalcharts.noaa.gov/publications/coast-pilot/index.html](http://www.nauticalcharts.noaa.gov/publications/coast-pilot/index.html). Print on Demand (POD) copies are available for purchase at: [www.nauticalcharts.noaa.gov/publications/print-agents.html#coast-pilot](http://www.nauticalcharts.noaa.gov/publications/print-agents.html#coast-pilot).

### 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). LNM's and other navigation notices can be obtained via e-mail subscription through the USCG Navigation Center website:

<https://www.navcen.uscg.gov/?pageName=feeds>

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 or Email: [webmaster@navcen.uscg.mil](mailto:webmaster@navcen.uscg.mil), or on the World Wide Web: <https://www.navcen.uscg.gov/?pageName=gpsUserInput>

### BROADCAST NOTICE TO MARINERS

Urgent marine navigational and weather information is broadcast over VHF channel 22A (157.1 MHz). Broadcasts are first announced over the distress, safety and calling channel 16 before they are made. All ships in U.S. waters over 20 meters in length are required to monitor VHF channel 16, and must have radios capable of tuning to the VHF simplex channel 22A. Additionally, District 13 BNM's are now available online. To view or download District 13 BNM's visit <https://www.navcen.uscg.gov/bnm/messages/DistrictSearchV1.php?d=13&i=3>

This section contains a range of all the significant Broadcast Notice to Mariners (BNM's) on the date of this edition.

Originating Unit  
CGD THIRTEEN

Beginning BNM  
D13-0270-21

Ending BNM  
D13-0282-21

## 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

### 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

### P through Z

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

ev - every  
EVAL - Evaluation  
EXT - Extinguished  
F - Fixed  
fl - flash  
Fl - Flashing  
G - Green  
GIWW - Gulf Intracoastal Waterway  
HAZ - Hazard to Navigation  
HBR - Harbor  
HOR - Horizontal Clearance  
HT - Height

MRASS - Marine Radio Activated Sound Signal  
MSLD - Misleading  
N/C - Not Charted  
NGA - National Geospatial-Intelligence Agency  
NO/NUM - Number  
NOS - National Ocean Service  
NW - Notice Writer  
OBSCU - Obscured  
OBST - Obstruction  
OBSTR - Obstruction  
Oc - Occulting  
ODAS - Anchored Oceanographic Data Buoy

SS - Sound Signal  
STA - Station  
STRUCT - Structure  
St M - Statute Mile  
TEMP - Temporary Aid Change  
TMK - Topmark  
TRLB - Temporarily Replaced by Lighted Buoy  
TRLT - Temporarily Replaced by Light  
TRUB - Temporarily Replaced by Unlighted Buoy  
USACE - Army Corps of Engineers  
W - White  
Y - Yellow

**Additional Abbreviations Specific to this LNM Edition:**

AtoN - Aids to Navigation  
COTP - Captain of the Port  
CPA - Closest Point of Approach  
LLNR - Light List Number

NAVCEN - U.S. Coast Guard Navigation Center  
NM - Nautical Miles  
ODOT - Oregon Department of Transportation  
RM - River Mile Marker

S-AIS - Synthetic AIS  
VTS - Vessel Traffic Service  
WSDOT - Washington State Department of Transportation  
TSS - Traffic Separation Scheme

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**SECTION I - SPECIAL NOTICES**

This section contains information of special concern to the Mariner.

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**WASHINGTON – APPROACHES TO ADMIRALTY INLET - Sequim Bay scientific sensor deployment**

The Pacific Northwest National Laboratory (PNNL) will be deploying a surface marker float to assist divers in underwater research activities in Sequim Bay. The marker buoy is orange in color, 18 inches in diameter and will be labeled with PNNL as the owner with contact information. The buoy will be in approximate position 48-04-25.831 N, 123-01-48.450 W and will be deployed from 27 Apr through 10 Jun 2021. The research vessels Desdemona or Strait Science may at times be tending to the above listed equipment and can be hailed on VHF-FM Channel 16. For additional information, contact PNNL Marine Sciences Laboratory, Susan Southard at (360) 681-3615 (office) or (360) 460-1999 (cell) or email sue.southard@pnnl.gov.

Chart 18471

LNM: 16/21

**COLUMBIA RIVER – PACIFIC OCEAN TO HARRINGTON POINT – Waterway User survey**

The Coast Guard is conducting a user survey in the Lower Columbia River from the Entrance at the Pacific Ocean to Astoria including side channels such as Baker Bay Channel, Skipanon Channel, Youngs Bay and Chinook. The Coast Guard uses Waterways Analysis and Management Systems (WAMS) to validate the adequacy of the existing aids to navigation (AtoN) system, as well as to get a better understanding of the uses of each waterway and general safety issues. WAMS focuses on the waterway's present AtoN system, marine casualty information, port and harbor resources, changes in recreational and commercial marine vessel usage and future development and dredging projects. The survey is available at the Coast Guard District 13 WAMS website <https://www.pacificarea.uscg.mil/Our-Organization/District-13/District-Divisions/-dpw/-wams/>. The deadline for survey entries will be 31 Jun 2021. For additional information please contact LTJG Katie Matha at (206) 220-7283. Questions or completed surveys should be emailed to D13-SMB-D13-DPW@uscg.mil.

Chart 18521

LNM: 16/21

**COLUMBIA RIVER – HARRINGTON POINT TO CRIMS ISLAND – Underwater obstruction**

On 15 Apr 2021, a deep draft vessel lost their anchor on the edge of Skamokawa Channel near Steamboat Slough Lighted Buoy 36, at River Mile 35.3 in approximate position 46-14-36.60 N 123-26-14.40 W. The Coast Guard has established a safety zone for all vessels with a draft over 30 feet, and implemented a one-way transit restriction, between river miles 33-35. There is no timeline for removal of the obstruction. For more information, or to seek a waiver on the one-way restriction, contact the Captain of the Port, Sector Columbia River.

Chart 18523

LNM: 16/21

**WASHINGTON – GRAYS HARBOR – HOQUIAM RIVER – Bridge Inspection**

WSDOT will be inspecting the Simpson Avenue (LLNR 16071.2) on US 101 across the Hoquiam River at river mile 0.5 near Hoquiam, WA. The inspection will take place between 0800 and 1500 on 10 – 11 May 2021. The bridge will be inspected using an under-bridge inspection truck (UBIT) that occupies a portion of the roadway and extends a boom under the bridge. There will be no impact to the navigational clearance from this operation (~10 ft. of vertical clearance will be reduced while the bucket is under the bridge, however the UBIT will promptly give way to tall marine vessels). Mariners are advised to use caution while transiting under the bridge. The UBIT bucket will have a flashing amber light on the bottom, and a safety lookout will be on the bridge. Normal bridge openings will not be interrupted. For additional information, contact Mr. Loren Wilson at (253) 549-8246 or email wilson@wsdot.wa.gov.

Chart 18502

LNM: 16/21

**WASHINGTON – GRAYS HARBOR – HOQUIAM RIVER – Bridge Inspection**

WSDOT will be inspecting the Riverside Bridge (LLNR 16071.3) across the Hoquiam River at river mile 0.9 near Hoquiam, WA. The inspection will take place between 0800 and 1500 on 12 – 13 May 2021. The bridge will be inspected using an under-bridge inspection truck (UBIT) that occupies a portion of the roadway and extends a boom under the bridge. There will be no impact to the navigational clearance from this operation (~10 ft. of vertical clearance will be reduced while the bucket is under the bridge, however the UBIT will promptly give way to tall marine vessels). Mariners are advised to use caution while transiting under the bridge. The UBIT bucket will have a flashing amber light on the bottom, and a safety lookout will be on the bridge. Normal bridge openings will not be interrupted. For additional information, contact Mr. Loren

Wilson at (253) 549-8246 or email [wilsonl@wsdot.wa.gov](mailto:wilsonl@wsdot.wa.gov).

Chart 18502

LNM: 16/21

**WASHINGTON – APPROACHES TO STRAIT OF JUAN DE FUCA and Entrance – Limited marine services**

Mariners are reminded that due to ongoing COVID-19 restrictions, some tribal and Canadian marinas and boat ramps are closed to the general public. It is highly recommended that boaters verify available services during voyage planning prior to getting underway.

Of particular note, the Makah Reservation and Neah Bay remain closed to all visitors, which includes the Makah Marina, boat ramp and fuel sales. For current updates into the closures, please contact the Harbormaster at (360) 645-3015 or the Big Salmon Fishing Resort at (866) 787-1900. Restrictions are also in place at La Push and the Quileute Marina. Fuel sales are available on a case-by-case basis at Quileute, but visitors will be unable to depart their vessel. Mariners are requested to call the Marina ahead of time to verify availability at (360) 374-5392.

Chart 18480

LNM: 16/21

**OREGON – CAPE BLANCO TO YAQUINA HEAD – Scientific buoy deployment**

The University of Oregon, College of Earth, Ocean and Atmospheric Sciences, has deployed three scientific research buoys in the PacWave North Wave Energy Test Site, which is an offshore testing area located 2 miles west of Yaquina Head near Newport, Oregon. The buoys are yellow with flashing yellow lights every 2.5 seconds (FL Y 2.5s), and are located in the following updated positions:

Main Buoy: 44-41-17.40 N, 124-08-01.20 W

Spotter buoy A: 44-41-30.60 N, 124-08-18.00 W

Spotter buoy B: 44-40-34.80 W, 124-08-26.40 N

For more information, contact Brett Hembrough at (541) 737-0923 and [brett.hembrough@oregonstate.edu](mailto:brett.hembrough@oregonstate.edu), or Burke Hales at (541) 737-8121 and [burke.hales@oregonstate.edu](mailto:burke.hales@oregonstate.edu). Additional information is available at [www.pacwaveenergy.org](http://www.pacwaveenergy.org)

Charts: 18520 18580

LNM: 15/21

**WEST COAST OF NORTH AMERICA – MEXICAN BORDER TO DIXON ENTRANCE – Haida Gwaii Voluntary Protection Zone for shipping (Revised from LNM 50/20)**

A Voluntary Protection Zone (VPZ) for shipping was established for a 14-month trial period along the west coast of Haida Gwaii by the Government of Canada, the Haida Nation, and multiple maritime and shipping industry partners. The program asks vessels to voluntarily increase the sailing distance off Haida Gwaii when transiting along the west coast of the archipelago. The goal of the VPZ is to reduce the risk of groundings and oil spills, by allowing more time to address any mechanical casualties, and the effectiveness of the VPZ will be assessed during this trial period, which runs until 31 Oct 2021.

In the VPZ, commercial vessels of 500 gross tonnage or greater are asked to observe a minimum distance of 50 nautical miles offshore when transiting along the West Coast of Haida Gwaii with the following exceptions:

- Cruise vessels, to observe a minimum 12 nm distance from shore;
- Vessels transiting between Pacific Northwest ports (Washington, Alaska, and BC), to observe a minimum 25 nm distance from shore;
- Tugs and barges (including pushing and towing alongside) no set minimum distance offshore; and
- Fishing vessels no set minimum distance offshore.

The Voluntary Protection Zone for Shipping coordinates are:

54 13.390N 134 30.543W

54 15.369N 133 04.908W

51 56.147N 131 17.856W

51 24.578N 132 04.088W

52 18.598N 133 20.921W

53 11.096N 134 16.363W

53 43.992N 134 32.625W

For more information, and to download a descriptive brochure, visit [www.haidagwaii-vpz.ca](http://www.haidagwaii-vpz.ca) or email [info@haidagwaii-vpz.ca](mailto:info@haidagwaii-vpz.ca)

Chart 501

LNM: 15/21

**WASHINGTON – PUGET SOUND – SARATOGA PASSAGE – Underwater Naval training operations**

U.S. Navy Explosive Ordnance Disposal Mobile Unit ONE (EODMU ONE) will be conducting training in Crescent Harbor and Saratoga Passage from 17 – 26 May 21. Training will be conducted 24 hours a day. Training will include operating small craft, diving operations, and operating Unmanned Underwater Vehicle (UUV) and Remote Operated Vehicles (ROV) to include the lifting and beaching of inert mine shapes. Operations will include one underwater detonation in Crescent Harbor in approximate position 48-16-56 N, 122-35-07 W. Mariners are requested to keep a safe distance when in the vicinity of Crescent Harbor and all vessels conducting training. EODMU ONE will monitor VHF-FM Channels 13, 14 and 16 and display the Alpha flag while diving operations are underway. For more information contact Navy personnel Michael Kinzie (808) 542-1805, or Taylor Hatcher at (619) 762-7353. Additionally, any mariners finding a Navy UUV are requested to contact the POCs listed above. UUVs are inert and may be black in color and approximately 5' long and 8" in diameter, or gray in color and approximately 12' long and 12" in diameter.

Charts: 18428 18441

LNM: 15/21

**WASHINGTON – LAKE WASHINGTON SHIP CANAL – LAKE WASHINGTON – Bridge maintenance (Revised from LNM 14/21)**

WSDOT and Graham Contracting will be conducting bridge maintenance and repairs to the SR 520 Evergreen Point Highway Bridge (LLNR 18340) over the west navigation channels. Operations are expected to run from 19 – 28 Apr 2021 from 0700-1530 daily on weekdays only. An under bridge inspection truck (UBIT) will be onsite and conducting repairs from the bridge deck surface. An articulating boom or arm will be present above the channel and beneath the bridge, reducing the total vertical navigation clearance of the channel. Actual vertical navigation clearance will vary depending on configuration of the UBIT. The UBIT bucket will have a flashing amber caution light on the bottom of the bucket. Mariners

are requested to use caution while transiting the area and to avoid (if possible) transiting beneath the UBIT. For additional information, call Graham Contracting at (425) 577-0841.

Chart 18447

LNM: 15/21

**COLUMBIA RIVER – ST. HELENS TO VANCOUVER – Bridge deviation notice**

The Coast Guard intends to approve a temporary deviation request that governs the operating schedule for the Vancouver Railroad Bridge (AKA BNSF Bridge 9.6) (LLNR 11250) across the Columbia River, RM 105.6, at Vancouver, WA. This deviation is necessary to accommodate rail joint replacements. The deviation allows the swing span of Bridge 9.6 to remain in the closed position, from 0700 until 1900 on 20 May 2021. The subject bridge may be opened for emergencies if a one-hour notice is given. If the bridge opens for an emergency, the deviation will be extended past 1900. Vessels that do not require a bridge opening may continue to transit beneath the bridge during this closure period. The bridge shall operate in accordance to 33 CFR §117.5 at all other times. If any mariner cannot support this closure, please email comments to D13-SMB-D13-BRIDGES@uscg.mil by 21 Apr 2021.

Chart 18525

LNM: 14/21

**WASHINGTON – APPROACHES TO STRAIT OF JUAN DE FUCA – Scientific research equipment deployment**

The Quileute Tribe Department of Natural Resources will be deploying two scientific research buoys offshore of the Washington coast to the WNW of Destruction Island in approximate positions;

(1) 47-43-52.954 N / 124-38-06.536 W

(2) 47-42-46.163 N / 124-44-00.067 W

The buoys are yellow with a yellow light flashing five times with a 15 second off period or Fl (5) Y 20s, and are expected to be in place until Oct 2021. Mariners are requested to use caution when operating in the vicinity of these buoys. For more information contact the Quileute Natural Resources, Jennifer Hagen, at (360) 640-4430 or jennifer.hagen@quileutenation.org

Chart 18480

LNM: 14/21

**WASHINGTON – STRAIT OF GEORGIA AND STRAIT OF JUAN DE FUCA – PUGET SOUND – Bottom Trawl survey**

From 19 Apr through 04 Jun 2021, the Washington Department of Fish and Wildlife (WDFW) Marine Fish Science (MFS) Unit and the Toxics-focused Biological Observation System (TBIOS) Team will conduct their annual, joint bottom trawl survey to assess marine fish living in the waters of Puget Sound, including the Strait of Juan de Fuca, Strait of Georgia, San Juan Archipelago, Hood Canal, Central Sound, and South Sound regions. The vessel chartered by WDFW for the survey is the F/V Chasina, a 58-foot seiner/trawler (call sign WYQ-6987), with red hull and red and white superstructure, which will carry WDFW RESEARCH placards posted on both sides of the upper deck. For more information on WDFW's MFS unit and the bottomfish programs, visit <https://wdfw.wa.gov/species-habitats/species/bottomfish> or contact Jennifer Blaine at (425) 379-2313 (office) or (425) 231-9476 (cell) or email at Jennifer.Blaine@dfw.wa.gov. For more information on WDFW's TBIOS program visit <https://wdfw.wa.gov/species-habitats/science/marine-toxics/tbios> or contact Robert Fisk at (360) 902-2816 (office) or (206) 498-7820 (cell) or email at Robert.Fisk@dfw.wa.gov

Charts: 18400 18421 18441 18448

LNM: 14/21

**WASHINGTON – PUGET SOUND – HOOD CANAL – Coast Guard enforced Safety Zone**

The Coast Guard will enforce the safety zone around vessels involved in Coast Guard training exercises in Hood Canal, WA as set forth in 33 CFR 165.1339, from 0800 on 24 May through 1700 on 28 May 2021, unless cancelled sooner by the Captain of the Port. Under the provisions of 33 CFR 165.1339, no person or vessel may enter or remain within 500 yards of any vessel involved in Coast Guard training exercises while such vessel is transiting Hood Canal, WA between Foul Weather Bluff and the entrance to Dabob Bay, unless authorized by the Captain of the Port or a Designated Representative. In addition, the regulation requires all vessels to obtain permission for entry during the enforcement period by contacting the on-scene patrol commander on VHF channel 13 or 16, or the Sector Puget Sound Joint Harbor Operations Center at (206) 217-6001. All mariners will be able to identify participating vessels as those flying the Coast Guard Ensign.

Charts: 18458 18476

LNM: 13/21

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**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.

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**DISCREPANCIES (FEDERAL AIDS)**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
665	Cape Kiwanda Whistle Buoy CK	MISSING	18520	0020-21	02/21	
689	NOAA Environmental Lighted Buoy 46089	MISSING	18003	0695-20	41/20	
756	Strait of Juan De Fuca Traffic Separation Lane Lighted Buoy JA	MISSING	18485	0828-20	47/20	
765.45	DART Tsunami Warning Lighted Buoy 46452	ADRIFT	18003	1009-18	49/18	
765.5	NOAA Environmental Lighted Buoy 46005	LT EXT	18007	0197-20	08/20	

8635	Chetco River Entrance Light 9	STRUCT DEST/TRLB	18602	0248-19	15/19
9451	Siuslaw River North Jetty Light 3	STRUCT DEST/LT EXT	18583	0023-21	02/21
9590	Yaquina Bay Entrance Lighted Gong Buoy 1	MISSING	18581	0059/0061-21	03/21
<b>11430</b>	<b>Fisher Quarry Channel Range Front Light</b>	<b>LT EXT</b>	<b>18531</b>	<b>0280-21</b>	<b>16/21</b>
11870	Wind Mountain Upper Range Front Light 26	LT EXT	18532	0257-21	14/21
12980	Lake Wallula West Channel Junction Light W	STRUCT DEST/TRLB	18542	0208-20	09/20
15040	Oswego Rock Daybeacon	STRUCT DEST/TRUB	18528	0394-17	20/17
15210	Willapa Bay Entrance Light 13	STRUCT DEST	18504	0839-16	38/16
16071.25	Hoquiam River Obstruction Buoy	MISSING	18502	0178-20	08/20
16085	Quillayute River Entrance Lighted Buoy 2	LT IMCH	18480	0040-21	03/21
16136	Strait of Juan De Fuca Traffic Separation Lane Lighted Buoy JA	MISSING	18485	0828-20	47/20
<b>16405</b>	<b>Puget Sound Traffic Separation Lane Lighted Buoy SA</b>	<b>RAC INOP</b>	<b>18471</b>	<b>0271-21</b>	<b>16/21</b>
19120	Swinomish Channel North Entrance Light 18	STRUCT DEST/TRLB	18427	0546-20	34/20
19540	Iceberg Point Light 2	DAYMK IMCH	18429	0002-21	01/21
19974	International Boundary Light F	DAYMK MISSING	18421	0719-20	42/20
19975	International Boundary Light G	LT EXT/DAYMK MISSING	18421	0720-20	42/20
19976	International Boundary Light H	DAYMK DMGD	18421	0721-20	42/20

**DISCREPANCIES (FEDERAL AIDS) CORRECTED**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
11535	Washougal Lower Range Rear Light	RELIGHTED	18531	0273-21	15/21	16/21
11830	Stevenson Lower Range Rear Light	RELIGHTED	18532	0282-21	14/21	16/21
16815	Puget Sound Traffic Separation Lane Lighted Buoy SG	WATCHING PROPERLY	18446	None	16/21	16/21

**DISCREPANCIES (PRIVATE AIDS)**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
16300	Ediz Hook Salmon Pen Light A	MISSING	18468	0593-20	36/20	
16307	Ediz Hook Salmon Pen Light B	MISSING	18468	0593-20	36/20	
16847	Elliott Bay Fish Haven Buoy A	MISSING	18450	0169-21	08/21	
16848	Elliott Bay Fish Haven Buoy B	MISSING	18450	0168-21	08/21	
17045	Des Moines Marina Light 3	LT IMCH	18474	0133-21	06/21	
17055	Des Moines Marina Light 4	LT IMCH	18474	0134-21	06/21	
19173	Deepwater Bay North Fish Pen Lights (2)	MISSING	18427	0784-20	45/20	

**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

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**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.

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**TEMPORARY CHANGES**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
8635	Chetco River Entrance Light 9	TRLB	18602	0436-19	25/19	
12980	Lake Wallula West Channel Junction Light W	TRLB	18542	0214-20	10/20	
15040	Oswego Rock Daybeacon	TRUB	18528	0404-17	20/17	
19120	Swinomish Channel North Entrance Light 18	TRLB	18427	0573-20	35/20	
	Coos Bay CG Mooring Buoy	DISCONTINUED	18587	None	04/21	

**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

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**SECTION IV - CHART CORRECTIONS**

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None

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**SECTION V - ADVANCE NOTICES**

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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****Approved Project(s)****Project Date****Ref. LNM**

None

**Advance Notice(s)****OREGON – SIUSLAW RIVER – Change in the characteristic of Siuslaw River Inner Range Front Light**

The U.S. Coast Guard will be changing the lighting characteristics of Siuslaw River Inner Range Front Light (LLNR 9470). The current lighting characteristic of Quick Flashing White (QW) with a 360° arc of visibility will change to a characteristic of Flashing White every 2.5 seconds with a 1 second flash (Fl W 2.5s). The light will remain visible over an arc of 360° at a reduced intensity, with a 3° beam of high intensity light centered upon the channel centerline. This change is to increase the visibility of the light for vessels using the channel, while reducing the glare effects of the light upon the shoreline. This change is expected to occur during the spring of 2021, and will be broadcast as a Notice to Mariners. Mariners are requested to respond in writing to the Coast Guard District office with any comments on this change at D13-SMB-D13-LNM@uscg.mil. Any discrepancy for these or other Aids to Navigation should continue to be reported to US Coast Guard Sector North Bend.

Chart 18583

LNM: 12/21

**WASHINGTON – WILLAPA BAY – Disestablishment of Willapa Bay Entrance Light 13**

The U.S. Coast Guard will be permanently disestablishing Willapa Bay Entrance Light 13 (LLNR 15210). The light structure collapsed in 2017 when the shoal it was marking was scoured by currents. As the shoaling no longer exists, the U.S. Coast Guard has determined it is no longer necessary for safe navigation in the entrance to Willapa Bay. Mariners are requested to respond in writing to the Coast Guard District office with any comments on this change at D13-SMB-D13-LNM@uscg.mil. Any discrepancy for these or other Aids to Navigation should continue to be reported to US Coast Guard Sector Columbia River.

Chart 18504

LNM: 15/21

**WASHINGTON – APPROACHES TO STRAIT OF JUAN DE FUCA – QUILLAYUTE RIVER – Temporary change of Quillayute River Direction Light**

Due to equipment failure, the U.S. Coast Guard has temporarily changed the lighting characteristic of Quillayute River Direction Light (LLNR 16090) from a three color sector light to a yellow occulting light, flashing every 4 s (Oc Y 4s). This aid will be lighted 24 hours a day and have an arc of visibility of 1.5° degrees either side of the bearing of 005.5° true to the light. Chart and Light List corrections have been published in Local Notice to Mariners 49/19. Mariners are encouraged to share comments on this change and the performance and operation of this aid to navigation. All comments should be sent to the email address D13-SMB-D13-LNM@uscg.mil. Any discrepancy for these or other Aids to Navigation should continue to be reported to US Coast Guard Sector Puget Sound.

Chart 18480

LNM: 49/19

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**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).

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**PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT**

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

**Proposed Change Notice(s)**

**COLUMBIA RIVER – PACIFIC OCEAN TO HARRINGTON POINT – CHINOOK CHANNEL – Proposal to reduce the nominal range for Chinook Channel Light 2**

The U.S. Coast Guard is proposing to reduce the intensity of Chinook Channel Light 2 (LLNR 14525) from 7 NM to 6 NM to facilitate the operation of a LED lantern. The precise intensity change will be from 205 candelas to 180 candelas (from 7.0 NM to 6.9 NM).

Chart 18521

LNM: 12/21

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**SECTION VII - GENERAL**

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

**SUMMARY OF BRIDGE LIGHTING DISCREPANCIES AND CORRECTIONS**

The summary of Bridge Lighting Discrepancies and Corrections is listed as Enclosure (1) of this Local Notice to Mariners.

LNM: 16/21

**SUMMARY OF DREDGING OPERATIONS**

The summary of Dredging Operations is listed as Enclosure (2) of this Local Notice to Mariners.

LNM: 16/21

**SUMMARY OF MARINE EVENTS**

The summary of Marine Events is listed as Enclosure (3) of this Local Notice to Mariners.

LNM: 16/21

**OREGON – APPROACHES TO YAQUINA AND DEPOE BAY – Bridge construction notice (Revised from LNM 04/21)**

ODOT is conducting bridge concrete repairs to the Yaquina Bay Highway 101 Bridge (LLNR 9627) in Newport, OR, at Yaquina Bay mile 0.7. A low level access walkway system will be constructed across the 4 concrete arch spans from the south bank heading north. While erected, the vertical navigation clearance will be reduced to a minimum of 16 feet at MHHW. The low level walkway system will span from the south bank to the North approx. 880 feet. This system will be built in April 2021 and will be functional until approximately the summer of 2024. The main navigational channel will not be impeded by the project as that section is made of steel. Mariners are requested not to loiter under the construction area due to fall hazards. For more information, contact Dan Lutze, the project superintendent, at (503) 519-5408.

Chart 18561

LNM: 06/21

**COLUMBIA RIVER – PACIFIC OCEAN TO HARRINGTON POINT – Youngs Bay Highway Bridge Repair notice**

ODOT will be conducting repair work on the Youngs Bay Highway Bridge (LLNR 14573) at Warrenton, Oregon, from 11 Mar 2019 through Nov 2021. Mariners are advised that there will be barges and assist vessels at the work site and a containment system under the bridge reducing vertical clearance. There will be no containment system under the liftspan of the bridge, and the main channel will remain clear for traffic, with no change to the operation of the lift. Mariners are requested to use slow speed to minimize wake. Interested parties can contact the on-site construction manager, Craig Gries at (503) 580-6319 or email at cgries@orstbridge.com

Chart 18521

LNM: 10/19

**COLUMBIA RIVER – CRIMS ISLAND TO ST. HELENS - COWLITZ RIVER – I-5 Twin Bridge notice**

WSDOT will be conducting preservation and painting work on the I-5 Twin Bridge across the Cowlitz River at mile 31.4 near Toledo, Washington. The project will begin on 23 Jul 2020 and continue until approximately Jul 2021, weather pending. The working hours will be 0700 to 1600, and from 2000 to 0700. Containment and an Under Bridge Inspection Truck will reduce the vertical clearance by three feet. The subject bridge's vertical clearance at high water is 15 feet, and will be reduced to 12 feet. The containment will be marked with flashing amber lights. The project will involve rigging, sand blasting and painting. Mariners should be cautious of fall hazards. For more information, contact Joanna Lowery at lowreyj@wsdot.wa.gov, or Lefty Helidonis at (330) 280-2879.

**COLUMBIA RIVER – CRIMS ISLAND TO ST. HELENS - COWLITZ RIVER – I-5 Twin Bridge notice**

LNM: 28/20

**COLUMBIA RIVER – VANCOUVER TO BONNEVILLE – CAMAS SLOUGH – Bridge Inspection**

WSDOT will be inspecting the SR-14 Camas Slough Highway Bridge (LLNR 11462) that spans the west end of Camas Slough near Camas, WA. The inspection will take place each day between 0600 and 1000 on 24 – 25 Apr 2021. The bridge will be inspected using an under-bridge inspection truck (UBIT) that occupies a portion of the roadway and extends a boom under the bridge. There is minimal impact to navigational clearance from this operation (approximate 10 ft. reduction to clearance). Mariners are advised to use caution while transiting the area. UBIT bucket will have a flashing amber light on the bottom. UBIT will give way to tall marine vessels. For additional information, contact Jimmy Chulich, P.E. at (360) 570-2542 or chulicj@wsdot.wa.gov.

Chart 18531

LNM: 09/21

**WASHINGTON - LAKE WASHINGTON SHIP CANAL - UNION BAY REACH - SR 520 West Approach Bridge South Bridge Replacement (Revised from LNM 31/20)**

American Bridge Company will conduct demolition work on the existing SR520 West Approach Bridge South utilizing marine equipment from 18 Jan through 31 Aug 2021. The operating zone will be from approximately 1300 ft west of the west navigation channel up to and including the west lane of the western navigation channel (Channel A). Equipment will include two marine cranes on separate barges in addition to material and environmental containment barges primarily functioning from the south side of the bridge. During this period, the navigation channel directly west of the Floating Bridge Pontoon (Channel B) will remain open to vessels at all times but with periodic closures of the west lane (Channel A). Mariners are advised to transit with caution when navigating near the project area and that no boaters are permitted within the active work zone at any time. In addition, reduced speed and/or minimal wake is requested when transiting the navigation channels. A graphic representation of the demolition operating area and the channel locations was included as Enclosure (4) of LNM 52/20. For more information, contact Eoin Duffy at (914) 263-5875 or email at eduffy@americanbridge.net.

Chart 18447

LNM: 50/20

**SNAKE RIVER – OREGON AND IDAHO – BROWNLEE TO SWAN FALLS – Gamble Island Bridge replacement project (Revised from LNM 37/20)**

McAlvain Construction (MCI) will be conducting bridge construction in the Snake River (Snake RM 386). Operations include pile driving, bridges replacement and existing bridges removal. Onsite work is expected to occur from 28 Sep 2020 to 01 Jun 2021. MCI will be utilizing an over the water temporary platform for construction operations during the working hours of 0700 through 1800, Monday through Saturday. The temporary platform will remain on-station during non-working hours. Accessible vessel navigation channels through the existing bridge and new bridges will be illuminated at night by red, green & amber lights as well as reflective direction arrows fixed to bridges. Mariners are asked to use the east channel around Gamble Island. Within bridge construction area transit the area with extreme caution and minimize wake. Within Main Channel bridge there will be navigational clearances of 30 feet wide and 10 feet in height. Within Side Channel bridge there will be navigational clearances of 30 feet wide and 6 feet in height. Please contact Brian Murphy at (208) 871-1576 or email brianm@mcavain.com or Brian Lemmon at (208) 871-4670 with questions.

LNM: 38/20

**WASHINGTON – LAKE WASHINGTON – SAMMAMISH RIVER – West Sammamish River Bridge Notice (Revised from LNM 13/20)**

Construction on the West Sammamish River Bridge at Sammamish River mile 0.5 near Kenmore, Washington is ongoing and will continue through October 2023. The western bridge will be removed and a new bridge constructed. Mariners may transit through the construction zone, but are advised that temporary work piers will be constructed on the west side of the bridge, and will reduce the horizontal span to 40 feet of clearance. Containment will be installed under the bridge reducing the vertical clearance from 11.5 feet to 10.5 feet measured at OHW. Working hours will normally be from 0600 to 1800 six days per week, however, during the in water work window of 01 Jul to 31 Aug, operations will be 24 hours per day. If construction falls behind schedule, the work hours may shift to 24 hours/seven days per week. For more information regarding construction, contact Jake Brockmoller at (253) 888-2514, or Mick Cannon at (253) 377-1041.

Chart 18447

LNM: 05/21

**WASHINGTON – STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA – DECEPTION PASS – Bridge notice (Revised from LNM 34/20)**

WSDOT will re-start the cleaning, painting and repairing of the bridges over Deception Pass and Canoe Pass south of Anacortes. The work is expected to begin at 0600 on 01 Mar 2021 and be complete by 2000 on 30 Nov 2021. Deception Pass Bridge has a vertical clearance of 144 feet and Canoe Pass Bridge has a vertical clearance of 154 feet over the water. A full containment system will be attached to the bridge 24-hours a day.

No in water work will be conducted, although one support vessel will be needed for worker safety. Mariners are advised to use caution while transiting the area. For further information on this project contact the Project Engineer, Shane Spahr, at 360-848-7103 or SpahrS@wsdot.wa.gov

Charts: 18421 18427

LNM: 05/21

**WASHINGTON – PUGET SOUND – STILLAGUAMISH RIVER – Bridge notice**

Washington State Department of Transportation will be cleaning and painting the I-5 Bridge (5/670W) over the Stillaguamish River west of Arlington, Washington on I-5 between mileposts 209.35 to MP 209.47. Construction will occur from March 2021 through October 2021. A containment system will be attached to the bridge 24-hours a day and will prevent any falling debris. There will be 8-14 feet of clearance above ordinary high water elevation. Work will not occur in the water, although one support vessel will be needed for worker safety. Mariners are advised to use caution while transiting the area. For additional information, contact Shane Spahr, P.E. at (360) 848-7103 or SpahrS@wsdot.wa.gov .

Chart 18441

LNM: 02/21

**IDAHO – LAKE PEND OREILLE – BNSF Railroad Bridge Notice (Revised from LNM 18/20)**

BNSF Railway Company (BNSF) is continuing construction on the new BNSF Railroad Bridge 3.9 (LLNR 20087) located over Lake Pend Oreille (LPO) in Sandpoint, ID, from the start of the LPO winter draw-down levels as of 01 Nov 2020 through the start of LPO summer fill-up beginning on 01 May 2021. Work barges will be staged along the work corridor with support from upland staging areas, primarily from the south shore of LPO, near East Algoma along the BNSF right-of-way (ROW). This phase requires the construction of a temporary pipe trolley or trestle from the upland staging area at the south shore that will carry pipe piles to the work barges. Hours of construction activities will generally be 0730 to 1600, Monday to Saturday. An Ames-owned tugboat, Audrey B, will position barges and provide other on-water support within the BNSF 200' ROW west of the existing BNSF Bridge 3.9 in varying linear work zone foot prints. The Audrey B can be hailed on VHF-FM channels 13 and 16. One of the two published navigation channels at the existing BNSF Bridge 3.9 spans 67 and 68 and half of the existing spans 2 and 3; 14 through 17; 27 through 30; 40 through 43; 53 through 56; 84; and 95 through 97 will remain unobstructed during all work activities. Vertical clearance of the existing



**IDAHO – LAKE PEND OREILLE – BNSF Railroad Bridge Notice (Revised from LNM 18/20)**

bridge will be unchanged. The temporary work trestles and work barges will have navigation lights and work zone buoys in accordance with the Navigation Rules (COLREGS-Inland). Enclosure (5) of LNM 47/20 displays the overview for this phase work activities. Changes to the work locations and activities will be updated by a subsequent LNM in the Spring of 2021. During all phases and locations, the noted navigational buoy-safety lighting for the work areas will be in place. The point of contact for the bridge contractor, Ames Construction, is Mike Pamperin, at (612) 741-6535 and MikePamperin@amesco.com. For additional information contact the BNSF Project Manager, Ryan Kopera, at (913) 284-3467 or Ryan.Kopera@BNSF.com.

Chart 18554

LNM: 44/20

**IDAHO – LAKE PEND OREILLE – Bridge construction notice**

Idaho Transportation Department (ITD) will be conducting maintenance on the southern half of the Sandpoint US-95 Highway Bridge (LLNR 20086) across Lake Pend O'Reille on the Sagle, ID, side from Mar – Nov 2021. The working hours will be from 0500 to 2000 daily. Three work barges will be towed to the work site from Kramer Marina at Hope, ID. All barges will be anchored and lighted with all around white lights at each corner. A 100 foot by 400 foot construction zone buoy line, each side of the bridge, will be set with "Boats Keep Out", white and orange in color, with the exclusion marking (diamond with plus sign in the center). The buoy lights will be white, visible for one mile and have a flash timing of "FL W 2s" (flashing white two seconds, 30 flashes per minute). Four support vessels will be on site, including the Valarie Lee, which will tow and reposition the barges. Diving operations will be conducted during maintenance. During periods of heavy weather, the barges will be towed and anchored in the vicinity of Sagle Slough. Mainers are requested to not enter the construction zone, but if entry is needed, contact the Valarie Lee via VHF-FM Channel 16 or one of the onsite contacts, and transit at slowest speed. ITD has contracted McMillen Jacobs Associates for the maintenance, and the onsite contacts are Mike Nixon at (925) 876-7052, and Carson Haslam at (208) 339-6735.

Chart 18554

LNM: 09/21

**COLUMBIA AND SNAKE RIVERS – Winter seasonal recreational vessel lockage**

The USACE Portland and Walla Walla Districts will implement the winter seasonal lockage schedule, from 21 Sep 2020 to 16 May 2021, for the passage of recreational craft through the Columbia and Snake River navigation locks. Winter recreational vessel lockage will be made during daylight hours only, on request at each lock – vessels should contact the lock operator via VHF-FM channel 14 or commercial telephone, and should make their request at least 30 minutes in advance.

Lock Name	Location	Phone Number	Radio Call Sign
Bonneville Lock	Columbia River Mile 145.5	(541) 374-8323	WUJ 33
The Dalles Lock	Columbia River Mile 191.5	(541) 298-4007	WUJ 34
John Day Lock	Columbia River Mile 215.6	(541) 298-9712	WUJ 35
McNary Lock	Columbia River Mile 292	(541) 922-2231	WUJ 41
Ice Harbor Lock	Snake River Mile 9.7	(509) 543-3253 x231	WUJ 42
Lower Monumental Lock	Snake River Mile 41.6	(509) 282-7231	WUJ 43
Little Goose Lock	Snake River Mile 70.3	(509) 399-2233 x231	WUJ 44
Lower Granite Lock	Snake River Mile 107.5	(509) 843-1493 x231	WUJ 45

Commercial vessels continue to have lockage precedence over recreational vessels. At the discretion of the lock operator, recreational vessels may be allowed to lock through with commercial vessels. All vessel owner/operators lock through at their own risk. All persons in the vessel must be wearing a personal flotation device (PFD) during lockage. Follow the directions of the lock operator when using locks or operating in the vicinity of the locks. The lock operator has final authority on the suitability of a craft for lockage. Please refer to USACE Safe Lockage Policy for Recreational Craft on the Columbia and Snake Rivers, published separately, for safety requirements. For safety and additional information on navigation lock operations and schedules visit <http://www.nww.usace.army.mil/Missions/Navigation.aspx>. or call the USACE Walla Walla Operations Division at (509) 527-7112.

Charts: 18532 18533 18535 18536 18537 18539 18541 18545 18546 18547

LNM: 37/20

**SNAKE RIVER – LAKE SACAJAWEA AND LAKE HERBERT G. WEST AND LAKE BRYAN – Upstream floating guidewall restrictions (Revised from LNM 24/20)**

Repairs at the Ice Harbor Lock and Dam upstream floating guide wall are now completed, so all restrictions regarding the use of the floating guide wall are now lifted. However, restrictions still apply at the projects listed below:

- Lower Monumental Lock and Dam, Snake River Mile 41.6, vessels may not tie up to or rub against the floating guidewall when approaching or leaving the lock, nor should they use the guidewall as a pivot point for entering the lock.
- Little Goose Lock and Dam, Snake River Mile 70.3, vessels may not tie up to or rub against the upstream floating guidewall when approaching or leaving the lock, nor may they use the guidewall as a pivot for entering the lock.

These restrictions will remain in place until more substantial repairs can be made to the locks' floating guidewall cables. For additional information on this work, contact the NWW Operations Division at (509) 527-7364.

Charts: 18545 18546 18547

LNM: 10/21

**COLUMBIA RIVER – PACIFIC OCEAN TO HARRINGTON POINT - Mouth of the Columbia River Jetty System Major Rehabilitation Project (Revised from LNM 10/21)**

Scheduled repairs of the South Jetty have commenced and are planned to continue through 2024. 2021 seasonal operations are anticipated to resume on 05 Apr 2021, and continue into October. The equipment will be working near the observation tower that is located near the root of the jetty. Equipment will be running daylight hours only. A material off load facility has been constructed at the east end of the park; along the Columbia River, near Trestle Bay. The offload mooring barge is expected to be in place mid-April; and will resume receiving barges. The offload facility has an aerial clearance of approximately 60 ft above the water line. When there is a barge being unloaded a crane will be utilized, the aerial clearance is about 140 ft. The ends of the spuds are painted white for visibility. For questions or additional information please call or email Sherri Brenner at (503) 550-6743 or email Sheri@jemcamis.com, or the project superintendent, Aaron Anderson at (503) 791-2161 or email AAnderson@jemcamis.com.

The jetties at the Columbia River Entrance have suffered severe deterioration and may no longer be correctly represented upon the nautical charts of the area. Mariners should use caution when transiting in the vicinity of the jetties and the river entrance. Repairs of the North jetty were completed in 2019. More information may be found at the USACE Portland District web site: <http://www.nwp.usace.army.mil/jetties/>

Chart 18521

LNM: 11/21

**WASHINGTON – PUGET SOUND – ELLIOTT BAY - Colman Dock construction**

**WASHINGTON – PUGET SOUND – ELLIOTT BAY - Colman Dock construction**

Washington State Ferries is conducting demolition and construction operations at the Colman Docks, scheduled to be completed in the summer of 2022. Operations will be conducted from 0700 to 1700, Monday through Friday. Mariners should be aware of marine construction equipment moored around the Colman Dock and regular tows up and down the Duwamish River in support of the operation. Equipment may obstruct small sections of the waterway adjacent to Colman Dock. Water quality monitoring will be taking place during construction operations. Please direct any inquiries to WSF Communications at (206) 402-8070 or email [wsfcomms@wsdot.wa.gov](mailto:wsfcomms@wsdot.wa.gov).

Chart 18450

LNM: 27/17

**WASHINGTON – PUGET SOUND – APPLE COVE TO KEYPORT – Submersible Vehicle testing (Revised from LNM 50/19)**

The Naval Undersea Warfare Center (NUWC) at Keyport, WA will be continuing operations in the vicinity of NUWC between University Point, the Brownsville Marina and Keyport through 23 Dec 2021. Operations will normally be conducted Monday through Friday during daylight hours. Operations will involve semisubmersible and submersible vehicles escorted by a small naval craft with a flashing red light. The small craft will monitor VHF-FM channels 12 and 16. The call sign for the small craft will be "Keyport Range Control". All craft transiting the area are requested to exercise caution and maintain a sharp lookout for possible semi-submerged vehicles while the range is in operation. Questions can be directed to Keyport Range Control on VHF-FM channels 12 and 16 or by contacting the Pacific Northwest Range Management and Ops Division, Range Control Branch, at (360) 396-2313.

Chart 18446

LNM: 49/20

**WASHINGTON – PUGET SOUND – APPLE COVE TO POINT KEYPORT – Temporary lighted buoy deployed**

NOAA's Pacific Marine Environmental Laboratory deployed a temporary research lighted buoy on 10 Mar 2021 between Meadows Point and Point Wells to the east of the TSL in approximate position 47-43-25.62 N, 122-23-04.62 W. The buoy is yellow, round and marked with a flashing yellow four seconds (FL Y 4s) light. This buoy is scheduled to be removed in September 2021. For more information contact Cabot Zucker at (561) 972-0930 or email at [cabot.zucker@noaa.gov](mailto:cabot.zucker@noaa.gov).

Chart 18446

LNM: 11/21

**WASHINGTON – PUGET SOUND – HOOD CANAL – Pier construction**

Manson Construction will be conducting pier demolition and construction activities in Hood Canal on Navy Base Kitsap Bangor from 17 July 2020 through Jun 2022. The project will consist of demolition of existing pier, pile driving and construction of a 500' pier extension. Operations will Monday through Friday 0600 – 1630. There will be a derrick on site and a pile driver barge with multiple barges and a work skiff. Bangor Control Tower will be using VHF-FM channel 88A. Mariners are requested to reduce speed and minimize wake in the area for the safety of the personnel and equipment. For more information contact the US Navy POC Dennis Wiechmann at (360) 315-4084 email [dennis.e.wiechmann@navy.mil](mailto:dennis.e.wiechmann@navy.mil) or the Manson Construction superintendent Brian Dorning at (206) 718-8626.

Charts: 18458 18476

LNM: 28/20

**WASHINGTON – PUGET SOUND – HOOD CANAL – Dabob Bay Navy Testing Range warning lights**

Mariners are advised that two of the warning lights for the Dabob Bay Navy Testing Range are currently inoperable; the light on the Bolton Peninsula at 47-47-16.8 N / 122-49-27 W, and the light on Sylopash Point near Brinnon at 47-41-26.4 N / 122-53-18 W. These lights are charted on Chart 18548, Hood Canal – South Point to Quonset Point including Dabob Bay, with a note explaining their operation. Both lights are also charted on the ENC US5WA26. Mariners transiting into Dabob Bay should contact Dabob Bay Range Control at (360) 396-4108 for the testing range operational status while these lights are inoperable.

Chart 18458

LNM: 04/21

**WASHINGTON – STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA – POINT ROBERTS – Acoustic research buoys**

SMRU Consulting will be testing an acoustic buoy in a location off the western side of Point Roberts, from 15 Mar until 15 May 2021. A buoy 2 foot in diameter will be located in approximate position 48-59-08.9 N, 123-06-07.8 W, which is approximately 1400 yards offshore and 1700 yards south of the US-Canada border. The buoy will be monitoring underwater acoustic noise, will be in operation (unmanned) 24 hours a day, and marked with a FL Y 6s (flashing yellow six second) light. No VHF-FM channels will be used. Mariners are requested to keep a safe distance from the buoy. For additional information, contact Jason Wood at (360) 298-0166 or [jw@smruconsulting.com](mailto:jw@smruconsulting.com).

Chart 18421

LNM: 10/21

**OREGON – WASHINGTON – IDAHO – NOAA's planned cancellation of Paper and Raster nautical charts (Revised from LNM 09/21)**

The National Oceanic and Atmospheric Administration (NOAA) is undertaking a multi-year program to end production and maintenance of its suite of over 1,000 traditional paper nautical charts and all associated raster chart products and services, including: Print-on-Demand (POD) paper nautical charts, Full-size chart PDF files, BookletChart™ PDF files, NOAA raster navigational charts (NOAA RNC®), the NOAA RNC tile service, and the online RNC viewer.

Six months prior to cancellation, a notice of the intent to cancel a specific chart will be provided via a "Last Edition" notice. The final cancellation of a chart will be made via a "Canceled" notice. Both types of notices will appear in LNM Section IV, "Chart Correction." A comprehensive list of all cancelled NOAA charts is available at: <http://www.charts.noaa.gov/MCD/Dole.shtml>.

Traditional paper nautical chart production is ending to enable the creation and maintenance of larger scale, more up-to-date, higher quality coverage of NOAA's electronic navigational chart (NOAA ENC®) product. This will significantly enhance the amount of charted detail available to mariners. More information about NOAA's program to sunset traditional paper charts is on the NOAA Coast Survey website at: <https://nauticalcharts.noaa.gov/charts/farewell-to-traditional-nautical-charts.html>. An online NOAA Custom Chart application at: <https://devgis.charttools.noaa.gov/pod> is available to create chart images from ENC data, which may then be printed. Notices to Mariners will not be issued for NOAA Custom Charts.

LNM: 10/21

**OREGON – WASHINGTON – IDAHO – US Coast Guard 13th District Broadcast Notice to Mariners availability**

The U.S. Coast Guard Navigation Center (NAVCEN) has completed its Maritime Safety Information (MSI) project upgrade in the Pacific Northwest to offer Broadcast Notice to Mariners (BNM) to mariners via email in addition to voice radio broadcasts. The online subscription service is in addition to the standard BNM broadcasts over VHF radio that previously were the only way to receive this vital navigational information. Mariners can now use the subscription service to plan for underway periods and receive updates to navigational hazards in near real time without having to wait on

**OREGON – WASHINGTON – IDAHO – US Coast Guard 13th District Broadcast Notice to Mariners availability**  
scheduled VHF broadcasts.

Mariners who operate in Oregon and Washington and up the Columbia and Snake Rivers system should visit the NAVCEN website and subscribe for email delivery of BNMs. <https://www.navcen.uscg.gov/?pageName=feeds> BNMs are organized by Coast Guard Sector and mariners can subscribe to one, two or all three Coast Guard Sectors within the 13th District area:

Sector North Bend – the southern and central Oregon coast and rivers

Sector Columbia River – the northern Oregon coast, southern and central Washington coast, the Columbia, Snake and Willamette Rivers

Sector Puget Sound – the northern Washington coast, Strait of Juan de Fuca, the San Juan Islands and neighboring straits, Puget Sound and Lake Washington

Additionally, NAVCEN has developed an online BNM archive that is highly filterable and available to the public. 13th District BNMs can be viewed and downloaded from this database on the NAVCEN website at: <https://www.navcen.uscg.gov/bnm/messages/DistrictSearchV1.php?d=13&i=3>.

For any questions regarding these new services in the 13th District, please contact the office of Waterways Management at (206) 220-7280 or D13-SMB-D13-LNM@uscg.mil

LNM: 12/21

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**SECTION VIII - LIGHT LIST CORRECTIONS**

An Asterisk \*, indicates the column in which a correction has been made to new information

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(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>None</b>							

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**ENCLOSURES**

**Enclosure 1**

OREGON - WASHINGTON - IDAHO - MONTANA - Summary of Bridge Lighting Discrepancies and Corrections

LNM: 16/21

**Enclosure 2**

OREGON - WASHINGTON - COLUMBIA RIVER - Summary of Dredging Operations

LNM: 16/21

**Enclosure 3**

OREGON - WASHINGTON - COLUMBIA RIVER - Summary of Marine Events

LNM: 16/21

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

CDR Brendan J. Harris  
Chief, Waterways Management Branch  
Thirteenth Coast Guard District

# BRIDGE DISCREPANCIES AND CORRECTIONS

Enclosure (1)

BRIDGE DISCREPANCIES						
Waterway	Light List	Bridge Name	Location	Status	Date Reported	BNM
<b>OREGON COAST</b>						
	9125	Chandler Highway Bridge	Coos Bay, OR	East center channel green light extinguished	10/27/2020	0757-20
	9367	Reedsport Highway 101 Bridge	Reedsport, OR	Multiple Lights extinguished	10/27/2020	0756-20
<b>COLUMBIA RIVER</b>						
	14866 / 10086	Astoria Highway Bridge (South and North spans)	Astoria, OR	Lights extinguished	1/12/2021	0032-21
<b>SNAKE RIVER</b>						
	13617	Sergeant Railroad Bridge	Starbuck, WA	All pier lights are extinguished	10/24/2020	0744-20
<b>WILLAMETTE RIVER</b>						
	None					
<b>WASHINGTON COAST</b>						
	None					
<b>PUGET SOUND</b>						
	16870.1	Spokane Street Bridge	Seattle, WA	NE Lighted Approach Dolphin destroyed	3/5/2021	0207-21
<b>IDAHO</b>						
	None					
BRIDGE CORRECTIONS						
Waterway	Light List	Bridge Name	Location	Status	Date Reported	BNM
<b>OREGON COAST</b>						
	None					
<b>COLUMBIA RIVER</b>						
	11933	Hood River Highway Bridge	Hood River, OR	Navigation lighting restored	4/20/2021	None
<b>SNAKE RIVER</b>						
	None					
<b>WILLAMETTE RIVER</b>						
	None					
<b>WASHINGTON COAST</b>						
	None					
<b>PUGET SOUND</b>						
	None					
<b>IDAHO</b>						
	None					

**Dredging operations are scheduled or in progress at the following locations:**

<b>Start Date</b>	<b>End Date</b>	<b>Times</b>	<b>Location</b>	<b>Dredge Vessel</b>	<b>Assist Vessel</b>	<b>Channels Monitored</b>	<b>Disposal Area</b>	<b>LNM</b>
24-Apr-21	24-Apr-21	24 Hrs/7 Days	Columbia River; Stella Fisher (RM 58+40 to 59+25)	M/V Essayons	None	VHF-FM 13 &16	RM 53.8 WA Side	16/21
23-Apr-21	24-Apr-21	24 Hrs/7 Days	Columbia River; Slaughter / Lower Dobelbower (RM 66+30 to 67+50)	M/V Essayons	None	VHF-FM 13 &16	RM 60 / 61 WA Side RM 61.5 OR Side	16/21
1-Jun-21	20-Jul-21	24 Hrs/7 Days	Columbia River; Cottonwood Island Lower Range (RM 67+00 to 70+00)	M/V Oregon	Clackamas, Ivanhoff, Williams	VHF-FM 13 &16	TBD	16/21
22-Apr-21	22-Apr-21	24 Hrs/7 Days	Columbia River; Lower Vancouver Bar & TB (RM 103+00 to 105+20)	M/V Essayons	None	VHF-FM 13 &16	RM 100.5 OR side	16/21
25-Apr-21	30-Apr-21	24 Hrs/7 Days	Grays Harbor; Bar, Entrance / Pt Chehalis	M/V Essayons	None	VHF-FM 13 &16	South Beach Pt Chehalis	16/21
13-Apr-21	30-Apr-21	24 Hrs/7 Days	Grays Harbor; Pt Chehalis / South Reaches	M/V Yaquina	None	VHF-FM 13 &16	Half Moon Bay Pt Chehalis South Beach	16/21

**Mariners are advised that the start and ending dates for dredging activities may vary due to unforeseen on-site conditions, such as gill net fishing, weather and other factors.**

**USACE dredges request mariners transit at their slowest safe speed to minimize wake when in the vicinity of a dredge and proceed with caution after passing arrangements have been made. Vessel(s) and/or equipment may encroach into the channel.**

# MARINE EVENTS

Enclosure (3)

<b>SECTOR COLUMBIA RIVER MARINE EVENTS</b>			
EVENT DATE	TIME	EVENT NAME	EVENT LOCATION
24-Apr-21	0800-1500	Rusty Iron Outrigger Race	Frenchman's Bar Regional Park, Vancouver
19-Jun-21	0500-1800	CRWAA CMR Charity Tournament	Columbia Park Marina Boat Launch / Columbia Point Marina, Richland
20-Jun-21	0500-1800	CRWAA CMR Charity Tournament	Columbia Park Marina Boat Launch / Columbia Point Marina, Richland
10-Jul-21	0500-1800	CRWAA Summer Walleye Classic	Boardman Marina/RV Park
11-Jul-21	0500-1800	CRWAA Summer Walleye Classic	Boardman Marina/RV Park

<b>SECTOR PUGET SOUND MARINE EVENTS</b>			
EVENT DATE	TIME	EVENT NAME	EVENT LOCATION
21-Apr-21	1700-2100	CYCS Sound Wednesday	Shilshole Bay
21-Apr-21	1700-2100	CYCS Lake Wednesday Evening Series	East of Leschi Marina Lake Washington
21-Apr-21	1830-2130	CYCT Windseekers Wednesday Night Races	Commencement Bay
21-Apr-21	1800-2100	AYC Wednesday Night Race	Fidalgo Bay
22-Apr-21	1700-2100	CYCS Sound Thursday	Shilshole Bay
22-Apr-21	1700-1930	SBYC Duck Dodge Series	Sequim Bay
22-Apr-21	1830-2000	TTPYC Thursday Evening Racing	Des Moines
23-Apr-21	1800-2000	POYC Spring Friday Evening Series	Sinclair Inlet
24-Apr-21	0800-1700	OIYC East Sound Spring Regatta	East Sound on Orcas Island to Lopez Island
24-Apr-21	1000-1600	PSCC Annual Circumlocution of Bainbridge Island	Central Puget Sound West Pt to Lemolo
24-Apr-21	0900-1800	OIYC Round Orcas	Around Orcas Island
24-Apr-21	1200-1630	Deception Pass Spring Challenge	Deception Pass
24-Apr-21	1000-2000	SYC Protection Island Race	Shilshole Bay to Protection Island and back
24-Apr-21	0900-1700	CYCS Puget Sound Spring Regatta (Small Boats)	Shilshole Bay
24-Apr-21	1100-1730	SBYC Saturday Series	Outside Sequim Bay
25-Apr-21	0900-1800	OIYC Round Orcas	Around Orcas Island
26-Apr-21	1700-2030	STYC Ballard Cup Series I	Shilshole Bay to Port Madison Bay
27-Apr-21	1700-2100	CYCS Lake Tuesday Evening Series	East of Leschi Marina Lake Washington
28-Apr-21	1700-2100	CYCS Sound Wednesday	Shilshole Bay
28-Apr-21	1700-2100	CYCS Lake Wednesday Evening Series	East of Leschi Marina Lake Washington
28-Apr-21	1830-2130	CYCT Windseekers Wednesday Night Races	Commencement Bay
28-Apr-21	1800-2100	AYC Wednesday Night Race	Fidalgo Bay
29-Apr-21	1700-2100	CYCS Sound Thursday	Shilshole Bay
29-Apr-21	1700-1930	SBYC Duck Dodge Series	Sequim Bay
29-Apr-21	1830-2000	TTPYC Thursday Evening Racing	Des Moines
30-Apr-21	1800-2000	POYC Spring Friday Evening Series	Sinclair Inlet
1-May-21	1230-1430	PTYC Sail By Parade	Pt Townsend Boat Haven to NW Maritime Center (loop)
1-May-21	1330-1530	BYC Opening Day Boat Parade	Bellingham Bay
1-May-21	1000-1700	Milltown Mid-Distance Race Series	Possession Sound
1-May-21	1030-2000	STYC Race to the Straights	Shilshole Bay to Port Townsend
1-May-21	0900-1200	2021 UW Windermere Cup	Union Bay and Montlake Cut
1-May-21	1100-1730	SBYC Saturday Series	Outside Sequim Bay
2-May-21	1030-2000	STYC Race to the Straights	Shilshole Bay to Port Townsend
2-May-21	1100-1800	SYC Mark Mayer Opening Day Race	Lake Washington
2-May-21	1100-1600	SBYC Opening Day Parade	Sequim Bay
3-May-21	1700-2030	STYC Ballard Cup Series I	Shilshole Bay to Port Madison Bay
4-May-21	1700-2100	CYCS Lake Tuesday Evening Series	East of Leschi Marina Lake Washington
4-May-21	1800-2200	Duck Dodge	Lake Union
5-May-21	1700-2100	CYCS Sound Wednesday	Shilshole Bay
5-May-21	1700-2100	CYCS Lake Wednesday Evening Series	East of Leschi Marina Lake Washington
5-May-21	1830-2130	CYCT Windseekers Wednesday Night Races	Commencement Bay
5-May-21	1800-2100	AYC Wednesday Night Race	Fidalgo Bay