



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

## LOCAL NOTICE TO MARINERS

**District: 13**

**Week: 11/21**

ISSUED BY: COMMANDER, THIRTEENTH COAST GUARD DISTRICT (dpw)  
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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). LNMs 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.

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 D13-0214-21	Ending BNM D13-0224-21
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### 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  
DAYMK/Daymk - Daymark  
DBN/Dbn - Daybeacon  
DBD/DAYBD - Dayboard  
DEFAC - Defaced  
DEST - Destroyed  
DISCON - Discontinued  
DMGD/DAMGD - Damaged  
ec - eclipse  
EST - Established Aid  
ev - every

#### I through O

I - Interrupted  
ICW - Intracoastal Waterway  
IMCH - Improper Characteristic  
INL - Inlet  
INOP - Not Operating  
INT - Intensity  
ISL - Islet  
Iso - Isophase  
kHz - Kilohertz  
LAT - Latitude  
LB - Lighted Buoy  
LBB - Lighted Bell Buoy  
LHB - Lighted Horn Buoy  
LGB - Lighted Gong Buoy  
LONG - Longitude  
LNM - Local Notice to Mariners  
LT - Light  
LT CONT - Light Continuous  
LTR - Letter  
LWB - Lighted Whistle Buoy  
LWP - Left Watching Properly  
MHz - Megahertz  
MISS/MSNG - Missing  
Mo - Morse Code  
MRASS - Marine Radio Activated Sound Signal

#### P through Z

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

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

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

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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**OREGON - WASHINGTON - CAPE BLANCO TO DESTRUCTION ISLAND - Coastal scientific research activities**

Researchers from Oregon State University and the University of Southern California will be conducting water sampling and measurement along the Oregon and Southwest Washington coasts from 30 Mar - 14 Apr 2021. Operations will be conducted from the R/V Oceanus 24 hours/day and include the following waypoints:

43-55-12 N 126-58-12 W  
44-22-12 N 125-20-48 W  
44-22-12 N 125-27-36 W  
44-39-06 N 128-27-36 W  
44-39-36 N 125-30-00 W  
45-00-00 N 125-24-00 W  
46-00-00 N 125-24-00 W  
46-06-00 N 125-06-00 W  
46-14-48 N 125-30-00 W  
46-15-12 N 123-59-15 W  
46-15-36 N 124-01-12 W  
46-15-36 N 125-58-48 W  
46-16-00 N 124-16-00 W  
46-16-48 N 125-39-00 W  
46-16-48 N 125-39-00 W  
46-48-00 N 125-12-00 W  
47-06-00 N 125-35-24 W  
47-06-00 N 126-42-00 W

R/V Oceanus will monitor VHF-FM channels 16 and 13, and vessels are requested to maintain at least a 1 NM CPA. For more information, please contact James Moffett at (213) 740-5626 or [jmoffett@usc.edu](mailto:jmoffett@usc.edu).

Charts: 18500 18520 18580

LNM: 11/21

**OREGON - WASHINGTON - CAPE BLANCO TO DESTRUCTION ISLAND - Off Shore research buoy servicing**

Oregon State University's R/V Sikuliaq will be servicing the following research buoys from 24 Mar - 07 Apr 2021:

OSU Waldport Offshore Research Lighted Buoy (LLNR 651): 44-22-15.000 N, 124-56-52.500 W  
OSU Newport Shelf Research Lighted Buoy (LLNR 651.5): 44-38-20.040 N, 124-18-13.680 W  
OSU Nye Beach Research Lighted Buoy (LLNR 653): 44-39-30.168 N, 124-05-44.592 W  
OSU Grays Canyon Research Lighted Buoy (LLNR 727): 46-51-06.001 N, 124-58-00.012 W  
OSU Westport Offshore Research Lighted Buoy (LLNR 728): 46-51-06.000 N, 124-57-50.000 W  
OSU Westport Shelf Research Lighted Buoy (LLNR 728.5): 46-59-10.500 N, 124-33-58.620 W  
OSU Copalis Head Research Lighted Buoy (LLNR 730): 47-07-59.988 N, 124-16-17.760 W

R/V Sikuliaq (call sign WDG7520) will be monitoring VHF-FM channels 16 and 13. This work will be conducted 24 hours a day until completed. For more information, contact Jonathan Fram at (805-448-3824) or [jonathan.fram@oregonstate.edu](mailto:jonathan.fram@oregonstate.edu).

Charts: 18500 18520 18580

LNM: 11/21

**OREGON - UMPQUA RIVER - Special Bridge Notice (Revised from LNM 10/21)**

The Coast Guard has issued a public notice announcing a permit amendment application from the Oregon Department of Transportation (ODOT) for the approval of location and plans for the construction of a temporary Scottsburg Bridge waterway mile 27.4, near Scottsburg, Oregon, at 43-39-14.8 N, 123-49-33.3 W. ODOT proposes to construct a temporary work bridge to assist in the construction of the new Scottsburg Bridge. Public Notice 02-21 solicits comments and is available at <https://www.navcen.uscg.gov/D13BN>. Questions or comments should be sent to the District Bridge Manager, at (206) 220-7282, or [D13-SMB-D13-Bridges@uscg.mil](mailto:D13-SMB-D13-Bridges@uscg.mil) and should be received by 10 Apr 2021.

**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

**COLUMBIA RIVER – SNAKE RIVER – 2021 Annual Lock closures for maintenance (Revised from LNM 42/20)**

The USACE Portland and Walla Walla Districts have scheduled the annual navigation lock maintenance closure for March 2021. During this time, the Locks and Dams on the Columbia and Snake Rivers have scheduled inspections, maintenance, and repair work. Non-routine work includes gate cleaning, structural inspections, and equipment/machinery repair and replacement.

Originally, all eight locks were scheduled to return to service at 2359 on Sunday 21 Mar 2021. However, cracking was discovered in the downstream miter gate at The Dalles Lock and Dam. Therefore, this project will remain closed for up to two additional weeks. More information, and an estimated opening time, will be discussed at a stakeholder teleconference at 1430 on 18 Mar 21.

Columbia River navigation lock maintenance closures are:

Bonneville (RM 145) – 0600 on 06 Mar 2021 to 2359 on 21 Mar 2021

The Dalles (RM 191) – opening TBD at this time.

John Day (RM 216) – 0600 on 06 Mar 2021 to 2359 on 21 Mar 2021

McNary (RM 292) – 0600 on 06 Mar 2021 to 2359 on 21 Mar 2021

Snake River navigation lock maintenance closures are:

Ice Harbor (RM 9.7) – 0600 on 06 Mar 2021 to 2359 on 21 Mar 2021

Lower Monumental (RM 41.6) – 0600 on 06 Mar 2021 to 2359 on 21 Mar 2021

Little Goose (RM 70.3) – 0600 on 06 Mar 2021 to 2359 on 21 Mar 2021

Lower Granite (RM 107.3) – 0600 on 06 Mar 2021 to 2359 on 28 Mar 2021

For additional information regarding Bonneville, The Dalles and John Day lock maintenance closures, contact Portland District, Operations Division at (503) 808-4341. For additional information regarding McNary, Ice Harbor, Lower Monumental, Little Goose and Lower Granite lock maintenance closures, contact Walla Walla District, Operations Division, at (509) 527-7112.

Charts: 18532 18533 18535 18539 18541 18545 18546 18547

LNM: 11/21

**SNAKE RIVER – LAKE SACAJAWEA – SR-12 Highway Bridges inspection**

WSDOT personnel will be inspecting the SR 12 Highway Bridges (LLNR 13113 / 13113.5) that span the Snake River in Pasco, WA, between 0700 and 1330 on 06 Apr 2021. The bridge will be inspected using an Under-Bridge Inspection Truck (UBIT) that occupy a portion of the roadway. The UBIT will reduce the vertical clearance approximately 10 feet while the bucket is under the bridge, however the UBIT will promptly give way to tall marine vessels. UBITs display a flashing amber light mounted to the bottom of each bucket. Mariners are advised to use caution while transiting the area. For additional information, contact David McLenna at (360) 999.2272 or mclenda@wsdot.wa.gov.

Chart 18545

LNM: 11/21

**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.

Chart 18446

LNM: 11/21

**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 cancelation, a notice of the intent to cancel a specific chart will be provided via a "Last Edition" notice. The final cancelation 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

**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

**WASHINGTON – EASTERN STRAIT OF JUAN DE FUCA – Hein Bank and Salmon Bank acoustic research buoys**

SMRU Consulting is testing acoustic buoys in two locations in the Middle, Salmon and Hein Bank area of the eastern Strait of Juan de Fuca from 08 Mar until 01 Apr 2021. Two Buoys, 2 foot in diameter each, will be located in the following approximate positions:

48-20-01.03 N, 123-04-19.78 W (Hein Bank)

48-24-23.29 N, 122-58-52.54 W (Salmon Bank)

The buoys 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).

Charts: 18434 18465

LNM: 10/21

**WASHINGTON – PUGET SOUND – NORTHERN PART – HOOD CANAL – Naval Test and Evaluation Barge operations**

Naval Surface Warfare Center Detachment Puget Sound, located at SUBASE Bangor, will be working with Western Towboat to operate the Research, Development, Test and Evaluation Barge M241 and a 28 foot tracking vessel, in the Hood Canal south of the SUBASE in an area between Hood Point and Anderson Cove. The operations will consist of low speed, straight-line courses parallel to the shoreline with some stationary periods to perform deck operations. A buoy will be placed at approximately (47-39-02.45 N, 122-52-48.37 W) and retrieved daily. The operations are planned from sunrise to sunset on 22, 23, 24 and 31 Mar, followed by 01 – 09 Apr 2021. Questions can be directed to any operating support craft/personnel on VHF-FM Channels 16 or 88A, or the Naval Surface Warfare Center waterfront points of contacts Mark Moss at (360) 396-2948 or Steve Polillo at (360) 315-0333.

Chart 18458

LNM: 10/21

**WASHINGTON – LAKE WASHINGTON SHIP CANAL – LAKE UNION – Bridge deviation**

The Coast Guard has approved a drawbridge deviation request from the Seattle Department of Transportation (SDOT) for the University Street Bridge (LLNR 18235) across the Lake Washington Ship Canal, mile 4.3, Seattle, Washington. SDOT will perform preventative maintenance inspection on the subject bridge using a barge and an articulating lift boom. The barge will occupy approximately 20 feet of the waterway beneath the bridge. This temporary deviation authorizes the University Bridge to operate in single leaf (half span) operations for marine vessels, and emergency response vessels, from 0900 to 1500 daily from 22 – 31 Mar 2021. A full opening may be given with a one-hour notice. The bridge shall open half the span for responding emergency response vessels, but may give a full opening upon request. There is no alternate route for vessels to pass. The University Bridge in the closed-to-navigation position provides 30 feet of vertical clearance, and 45 feet of vertical clearance at the center; vertical clearance references to the Mean Water Level of Lake Washington. Vessels able to pass through the bridge in the closed-to-navigation position may do so at any time however, mariners are advised to use caution while transiting the area. For more information, contact Kit Loo at (206) 684-3669.

Chart 18447

LNM: 10/21

**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

**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 chulichj@wsdot.wa.gov.

Chart 18531

LNM: 09/21

**WASHINGTON - WILLAPA BAY – Waterway and Aids to Navigation Survey completion**

The Coast Guard has completed the Waterways Analysis and Management System (WAMS) report for Willapa Bay in Washington State. The Coast Guard uses 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 completed report is available at the Thirteenth Coast Guard District 13 WAMS website <https://www.pacificarea.uscg.mil/Our-Organization/District-13/District-Divisions/-dpw/-wams/>. For questions or additional information please contact LTJG Katie Matha at (206) 220-7283 or email D13-SMB-D13-DPW@uscg.mil.

Chart 18504

LNM: 09/21

**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 the 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

**OREGON – WILLAMETTE RIVER – PORTLAND TO WALNUT EDDY – Bridge notice**

The Coast Guard has issued Bridge Public Notice (01-21) announcing the receipt of a Bridge Permit Application from the Oregon Department of Transportation (ODOT). ODOT is requesting approval of the location and plans for the upgrade of a roadway bridge, the I-205 Highway Bridge (LLNR 15078) over the Willamette River, RM 25.5, between the cities of West Linn and Oregon City in Clackamas County Oregon at position 45-21-52 N, 122-36-13 W. The existing bridge provides a navigation opening of 325’ of horizontal clearance and 51.8’ of vertical clearance (above OHW). The proposed bridge will have a navigation opening of 265’ of horizontal clearance and 54.8’ of vertical clearance (above OHW). Bridge Public Notice (01-21) solicits comments and is available at <http://www.navcen.uscg.gov/D13BN>. Comments will be received for the record until 31 Mar 2021 at the office of: Commander (dpw), Thirteenth Coast Guard District, 915 2nd Ave, Rm 3510, Seattle, WA or via email at D13-SMB-D13-Bridges@uscg.mil.

Chart 18528

LNM: 08/21

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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
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
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
9817	Tillamook Bay Entrance Lighted Bell Buoy 2	WATCHING PROPERLY	18558	0214-21	09/21	11/21
19425	Leo Reef Light	RELIGHTED	18430	0215-21	10/21	11/21

**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	
18506	Everett Floating Security Barrier Lights (32)	ADRIFT	18444	0196-21	09/21	
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

**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
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

**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						
(Temp) ADD	NATIONAL DOCK CHANNEL BUOY 3				CGD01 at 40-41-09.001N	074-02-48.001W
Corrective Action	Green can	Object of Corrective Action			Position	

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

Chart Number	Chart Edition	Edition Date	Last Local Notice to Mariners	Horizontal Datum Reference	Source of Correction	Current Local Notice to Mariners
18583	40th Ed.	01-OCT-11	Last LNM: 33/17	NAD 83		11/21
Chart Title: Siuslaw River						
Main Panel 1794 SIUSLAW RIVER. Page/Side: N/A						
RELOCATE	Siuslaw River Channel Light 14 and Change height to 19ft.				CGD13 from 43-59-22.351N to 43-59-19.397N	124-07-15.942W 124-07-17.061W
RELOCATE	Siuslaw River Dike Daybeacon 22				CGD14 from 43-58-21.349N to 43-58-21.484N	124-07-30.150W 124-07-29.733W

**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
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None

**Advance Notice(s)**

**COLUMBIA RIVER – CRIMS ISLAND TO VANCOUVER – Testing of LED Range Lights (Revised from LNM 52/19)**

The U.S. Coast Guard is testing LED combination lantern systems to replace the incandescent lanterns at the locations listed below. The remaining change is expected to occur during the spring or summer of 2021:

Kalama Upper Range Rear Light (LLNR 10920) the intensity will be increased to match the Range Front Light.

Mariners are encouraged to share comments on the performance and operation of these lights as aids 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 Columbia River.

Charts: 18524 18525

LNM: 11/21

**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

**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**

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

**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: 11/21

**SUMMARY OF DREDGING OPERATIONS**

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

LNM: 11/21

**SUMMARY OF MARINE EVENTS**

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

LNM: 11/21

**OREGON – COOS BAY – McCullough Highway Bridge Notice**

ODOT will be painting and preserving the McCullough Highway Bridge (US 101) (LLNR 9009) at North Bend, Oregon, across Coos Bay, mile 9.5, from 01 Apr 2019 through 31 Mar 2021, from 0700-1900 seven days per week. The subject bridge provides 148 feet of vertical clearance, which will be reduced to 145.5 feet with the containment system. The containment will be marked with flashing amber lights. Mariners may transit under the bridge at any time, but are advised to use caution for fall hazards. For additional information, contact Nick Frangopoulos at (330) 540-1008 or vimaspainting@aol.com.

Chart 18587

LNM: 11/19

**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.

LNM: 28/20

**COLUMBIA RIVER – LAKE CELILO – Bridge deviation**

The Coast Guard has approved a request for a draw bridge temporary deviation from the operating schedule that governs the Celilo Railroad Bridge (LLNR 12203) across the Columbia River at mile 201.2 near Celilo, Oregon. The bridge need not open for maritime traffic from 0700 to 1800 daily during 08 – 12 Mar 2021, and 15 – 19 Mar 2021. The bridge may be opened for emergencies during the deviation times if a one hour notice is given. No alternate routes exists on this part of the Columbia River. The subject bridge provides 18 feet of vertical clearance in the closed-to-navigation position. Vessels able to pass through the bridge in the closed-to-navigation position may do so at any time. The bridge shall operate in accordance to 33 CFR §117.869 at all other times. In accordance with 33 CFR 117.35(e), the drawbridge must return to its regular operating schedule immediately at the end of the effective period of this temporary deviation. For more information regarding the bridge operation, contact Jeff Swanson at jeff.swanson@bnsf.com.

Chart 18533

LNM: 04/21

**WASHINGTON – GRAYS HARBOR – WISHKAH RIVER – Bridge notice**

WSDOT will be inspecting the US-12 Highway bridges across the Wishkah River at Aberdeen, Washington. Inspections of the Heron Street Highway Bridge (LLNR 16072.2) and the Wishkah Street Highway Bridge (LLNR 16072.3) will take place between 0900 and 1300 on 15 – 18 Mar 2021. The bridges 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 no fixed impact to navigational clearance from this operation (~10 ft. reduction to clearance while bucket is under the bridge, however UBIT will promptly give way to tall marine vessels). Mariners are advised to use caution while transiting the area. UBIT bucket will have a flashing orange light on the bottom and a safety lookout will be on the bridge. Bridge openings will occur as usual. For additional information, contact Alan Kuper at (360)701-0556 or kupera@wsdot.wa.gov .

Chart 18502

LNM: 06/21

**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

**WASHINGTON – EVERETT HARBOR – SNOHOMISH RIVER – SR-529 Highway Bridge deviation**

The Coast Guard has approved a request for a drawbridge temporary deviation from the operating schedule for the following bridges:

Bridge	LLNR	Waterway (mile)	Date	Time	Position	Clearance (high tide)
SR-529 (NB)	18594.11	Steamboat Slough (1.1)	28 Mar 2021	0700-1130	Closed-to-navigation	10 feet;
SR-529 (SB)	18594.9	Steamboat Slough (1.2)	28 Mar 2021	0700-1130	Closed-to-navigation	10 feet;
SR-529 (NB)	18591.3	Snohomish River (3.6)	28 Mar 2021	0700-1130	Closed-to-navigation	37 feet;
SR-529 (SB)	18591.2	Snohomish River (3.6)	28 Mar 2021	0700-1130	Closed-to-navigation	37 feet.

This deviation allows the span of the subject bridges near Marysville, WA, and Everett, WA, to remain in the closed-to-navigation position for the Everett Half Marathon. Vessels able to pass through the bridges in the closed-to-navigation position may do so at any time. The bridge spans will be able to open for marine emergencies. An alternate route for vessels to pass is available through Ebey Slough and Union Slough near the entrance of Steamboat Slough at high tide. In accordance with 33 CFR 117.35(e), the drawbridges must return to their regular operating schedule immediately at the end of the effective period of this temporary deviation. The bridge shall operate in accordance to 33 CFR § 117.1059 at all other times. For more information regarding the bridge operation, contact Colleen Kelly at kellyc@wsdot.wa.gov.

Chart 18444

LNM: 04/21

**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

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

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 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

**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

**WASHINGTON – PUGET SOUND – LAKE WASHINGTON SHIP CANAL – Hiram M. Chittenden Large Lock closure**

The large lock chamber of the Hiram M. Chittenden Locks will be closed from 0530 on 22 Mar until 1700 on 27 Mar 2021. The closure is necessary for a warranty inspection for the Stoney Gate Valve Replacement Project, which was completed in Fall 2020. The warranty inspection requires the large lock to be dewatered. The small lock chamber will remain open during this time and vessels up to 28-feet wide and 123-feet long will be able to transit through. Mariners can read more at: <https://www.nws.usace.army.mil/Media/News-Releases/Article/2458471/chittenden-locks-announces-upcoming-large-lock-closure/>. Additional questions may be directed to public affairs specialist Dallas Edwards at (206) 764-6958 or [dallas.d.edwards@usace.army.mil](mailto:dallas.d.edwards@usace.army.mil).

Chart 18447

LNM: 52/20

**WEST COAST OF NORTH AMERICA – MEXICAN BORDER TO DIXON ENTRANCE – Haida Gwaii Voluntary Protection Zone**

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. The effectiveness of the VPZ will be assessed during this trial, which runs until 31 Oct 2021. For more information, and to download a 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: 50/20

**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 [wscfcomms@wsdot.wa.gov](mailto:wscfcomms@wsdot.wa.gov).

Chart 18450

LNM: 27/17

**WASHINGTON – PUGET SOUND – SEATTLE TO BREMERTON – DUWAMISH WATERWAY – Marine construction**

American Construction, Inc. will be conducting construction operations at the Port of Seattle Terminal 117 in the Duwamish Waterway commencing on 04 Jan through 31 Mar 2021. Work will include pile driving, in water sand capping, and construction of a public access pier. The Derrick Barge Palouse and the flat barge Skagit will be on scene; the Palouse will monitor VHF-FM channel 16. Anchors will be utilized and will be marked with lighted crown buoys located outside of the channel. Anchors wires will be slack when equipment is stationary. For additional information, contact John Blair at (408) 896-6051, or via email at [johnb@americanconstco.com](mailto:johnb@americanconstco.com).

Chart 18450

LNM: 51/20

**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 – 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 – BELLINGHAM BAY – Scientific research buoy (Revised from LNM 47/20)**

The US Geological Survey has deployed a research buoy in central Bellingham Bay approximately 1.7 nautical miles WSW of Squalicum Harbor in position 48-44-40.320 N, 122-32-57.180 W, from Nov 2020 until Apr 2021. The yellow research buoy is 2 feet diameter, sits 1 foot above the water surface and has an amber light flashing light every 2.5 seconds. Two small, orange marker buoys flank the research buoy. Mariners are requested to use caution and avoid the area. For additional information, contact Dr. Eric Grossman at (360) 650-4697.

Chart 18424

LNM: 49/20

**WASHINGTON – GPS testing**

US Strategic Command has proposed GPS testing encompassing a portion of Central Washington. The center point of the test will be near Kittitas, WA, at position 46-49-21 N, 120-09-30.7 W with a radius of 48 NM. The GPS navigation signal may be unreliable due to testing on GPS frequencies used by shipboard navigation and handheld systems. Systems that rely on GPS, such as e-911, AIS and DSC, may be affected. The testing frequency will be GPS L1/L2. Testing dates and times are as listed below, using Pacific Standard Time as local time:

25 Mar 1700 – 26 Mar 0100;

**WASHINGTON – GPS testing**

26 Mar 1700 – 27 Mar 0100;  
27 Mar 1700 – 28 Mar 0100;  
28 Mar 1700 – 29 Mar 0100;  
29 Mar 1700 – 30 Mar 0100;  
30 Mar 1700 – 31 Mar 0100;  
31 Mar 1700 – 01 Apr 0100.

For additional information or to express concerns, contact the Coast Guard Navigation Center at (703) 313-5900 or at <https://www.navcen.uscg.gov/?pageName=dgpsSiteInfo&currentOutages>.

LNM: 06/21

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**SECTION VIII - LIGHT LIST CORRECTIONS**

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
9520	SIUSLAW RIVER CHANNEL LIGHT 14	43-59-19.397N 124-07-17.061W	Fl R 4s	19	4	TR on pile.	11/21
9545	Siuslaw River Dike Daybeacon 22	* 43-58-21.484N 124-07-29.733W		*		TR on pile.	11/21
	*	*				*	

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**ENCLOSURES**

**Enclosure 1**

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

LNM: 11/21

**Enclosure 2**

OREGON - WASHINGTON - COLUMBIA RIVER - Summary of Dredging Operations

LNM: 11/21

**Enclosure 3**

OREGON - WASHINGTON - COLUMBIA RIVER - Summary of Marine Events

LNM: 11/21

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

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	Reedspport Highway 101 Bridge	Reedspport, 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>						
	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>
			None					

**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)

## SECTOR COLUMBIA RIVER MARINE EVENTS

EVENT DATE	TIME	EVENT NAME	EVENT LOCATION
		None	

## SECTOR PUGET SOUND MARINE EVENTS

EVENT DATE	TIME	EVENT NAME	EVENT LOCATION
20-Mar-21	0930-2130	GHYC Islands Sailboat Race	Colvos Passage
20-Mar-21	1015-1330	Sound Rowers Bellingham Bay Rough Water Race	Bellingham Bay
20-Mar-21	1000-1700	Milltown Mid-Distance Race Series	Possession Sound
20-Mar-21	1100-1500	SBYC Snowbird Race Early Series	Shilshole Bay
27-Mar-21	1100-1700	POYC Spring Shakedown	Sinclair Inlet
27-Mar-21	0900-1700	CYCS Three Tree Point	Shilshole Marina to Three Tree Point Light
27-Mar-21	0930-1100	2021 UW Class Day Regatta	Union Bay and Montlake Cut