



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

## LOCAL NOTICE TO MARINERS

**District: 13**

**Week: 42/21**

ISSUED BY: COMMANDER, THIRTEENTH COAST GUARD DISTRICT (dpw)  
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<https://www.navcen.uscg.gov/?pageName=lnmDistrict&region=13>

COMDTPUB P16502.6, Light List Volume VI, 2021 Edition, and Coast Pilot Volume 10, 2021 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 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 BNMs are now available online. To view or download District 13 BNMs 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  
D13-0705-21

Ending BNM  
D13-0735-21

## 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  
 V-AIS - Virtual AIS  
 VTS - Vessel Traffic Service  
 WSDOT - Washington State Department of Transportation

**SECTION I - SPECIAL NOTICES**

This section contains information of special concern to the Mariner.

**OREGON – WILLAMETTE RIVER – WALNUT EDDY TO NEWBERG – Marine construction**

Oregon Marine Construction LLC will commence pile driving on the northern bank of the Willamette River near RM 38.2 in approximate location 45-17-34.112 N, 122-45-50.429 W. The operations are scheduled for 25 – 31 Oct 2021, depending on schedule availability, and will be conducted during daylight hours (0900 to 1700) daily. OMC will have two barges on scene and the onsite supervisor can be reached at (541) 953-5478. For additional project information contact OMC at (503) 982-5521.

Chart 18529

LNM: 42/21

**WASHINGTON – PUGET SOUND – SEATTLE TO BREMERTON – ELLIOT BAY – Research operations**

Windward Environmental will be conducting in-water work during daylight hours, approximately 0730-1700, for the Port of Seattle at Terminal 91 from approximately 18 – 27 Oct 2021. Operations include collecting sediment cores throughout the Port's T-91 berthing areas using a vibracorer deployed over the side of the R/V Surveyor II, which will be limited in her ability to maneuver. It will take approximately 20 minutes to move off the location to not impede navigation. The Surveyor II will be monitoring VHF channels 16, and 9 or 13 to arrange any movements. For additional information, contact Thai Do at (206) 812-5407 or ThaiD@windwardenv.com.

Chart 18450

LNM: 42/21

**WASHINGTON – PUGET SOUND – SEATTLE TO BREMERTON – DUWAMISH WATERWAY – Bridge deviation**

The Coast Guard has approved a temporary deviation for the Spokane Street Bridge (LLNR 16870.1) across the Duwamish Waterway, mile 0.3, in Seattle, WA, for 09 Nov 2021. The Spokane Street Bridge is authorized to conduct one-half span openings, to not open the west half of the swing span, to marine vessels from 0800 to 2200 on 09 Nov 2021. 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.

Chart 18450

LNM: 42/21

**WASHINGTON – PUGET SOUND – SEATTLE TO BREMERTON – DUWAMISH WATERWAY – Spokane Street Bridge notice**

The Coast Guard intends to approve a temporary deviation for the Spokane Street Bridge (LLNR 16870.1) across the Duwamish Waterway, mile 0.3, in Seattle, WA, for 10-13 Dec 2021. This deviation will support equipment upgrades for the swing turret. The deviation will authorize the subject bridge to open the west half of the swing span to marine vessels. The period for this temporary deviation for the east half closure will be from midnight (0001) on 10 Dec to 2359 on 13 Dec 2021. The Coast Guard is requesting any objections to the proposed temporary deviation. Please submit facts and objections before 03 Nov 2021, to D13-SMB-D13-BRIDGES@uscg.mil.

Chart 18450

LNM: 42/21

**WASHINGTON – LAKE WASHINGTON SHIP CANAL – UNION BAY REACH – Montlake Street Bridge deviation**

The Coast Guard has approved a temporary deviation to the operating schedule that governs the Montlake Street Bridge (LLNR 18240) across the Lake Washington Ship Canal, mile 5.2, at Seattle, Washington. This deviation period is from 19 Nov 2021 through 31 Jan 2022, the draws of the Montlake Bridge are authorized to open a single drawbridge leaf for the passage of marine vessel traffic (as opposed to the normal double leaf opening). The temporary operating schedule is described below:

Date	Day	Hour	Position	Notes
19 – 22 Nov 21	Fri – Mon	2300 – 0500	Single Leaf	Double Leaf opening with at least 24 HR advance notice
14 – 17 Jan 22	Fri – Mon	2300 – 0500	Single Leaf	Double Leaf opening with at least 24 HR advance notice
21 – 24 Jan 22	Fri – Mon	2300 – 0500	Single Leaf	Double Leaf opening with at least 24 HR advance notice
28 – 31 Jan 22	Fri – Mon	2300 – 0500	Single Leaf	Double Leaf opening with at least 24 HR advance notice

During this temporary deviation all requirements of CFR 33CFR§117.1051(e) which governs the Montlake Bridge remain in effect. The only change is allowing the bridge to operate in single leaf mode. This temporary deviation is in support of replacing the roadway decking. The Montlake Bridge in the closed-to-navigation position provides 30 feet of vertical navigation clearance, and 46 feet of vertical navigation clearance throughout the

center 60 feet of the bridge; vertical clearance references to the Mean Water Level of Lake Washington. The bridge with both bascule leaves in the open-to-navigation position provides a horizontal navigation clearance of 129ft. During the single leaf openings, the horizontal clearance will be reduced to approximately 64 feet. Vessels unable to navigate through the bridge in single leaf mode with the reduced horizontal clearance may request a full opening with at least 24 hours' notice given to the bridge operator at (206) 720-3048, or via VHF-FM Channel 13. Vessels able to pass through the bridge in the closed-to-navigation position may do so at any time. The bridge will only be able to give emergency responders a half opening. The Montlake Bridge will operate per 33 CFR 117.1051(e) at the end of this deviation. For more information on this event, contact Ryan Boyle at BoyleRy@wsdot.wa.gov.

Chart 18447

LNLM: 42/21

**WASHINGTON – STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA – SWINOMISH CHANNEL NORTH ENTRANCE – BNSF Railroad Bridge Notice**

The Coast Guard intends to issue a temporary deviation from the operating schedule that governs the BNSF Railroad Bridge 7.6 (LLNR 19155.1) across the Swinomish Channel, mile 8.4, near Anacortes, WA. The deviation will be from 0700 to 1900 on 07 Dec 2021, the bridge will be closed and need not open for marine traffic. This deviation is necessary to accommodate mechanical repairs. The span will open for emergencies with one half hour notice to the bridge operator. No Swinomish Tribal fisheries will be impacted during this closure period.

Bridge 7.6 normally operates in accordance with 33 CFR 117.5, and is normally maintained in the open-to-navigation position. The bridge shall operate in accordance to 33 CFR 117.5 at all other times. Vessels able to pass through the subject bridge in the closed-to-navigation position may do so at any time. Bridge 7.6 provides 8 feet of vertical clearance and 100 feet of horizontal clearance in the closed-to-navigation position. Bridge 7.6 provides unlimited vertical clearance in the open-to-navigation position. Vertical and horizontal clearances are referenced to mean high-water elevation. An alternate route is via the southern Swinomish Channel using Skagit Bay. 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. This deviation from the operating regulations is authorized under 33 CFR 117.35. The Coast Guard is requesting any objections to the proposed temporary deviation. Please submit facts and objections before 03 Nov 2021, to D13-SMB-D13-BRIDGES@uscg.mil.

Chart 18421

LNLM: 42/21

**COLUMBIA RIVER – SNAKE RIVER – 2022 Annual Lock closures for maintenance**

The USACE Portland and Walla Walla Districts have scheduled the annual navigation lock maintenance closure for February and March 2022. 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. All eight (8) of the navigation locks will close beginning in February in accordance with the following schedule:

Columbia River navigation lock maintenance closures are:

Bonneville (RM 146.1) – 0600 on 13 Feb to 2359 on 12 Mar 2022  
The Dalles (RM 191.5) – 0600 on 13 Feb to 2359 on 19 Mar 2022  
John Day (RM 215.6) – 0600 on 13 Feb to 2359 on 05 Mar 2022  
McNary (RM 292) – 0600 on 13 Feb to 2359 on 13 Mar 2022

SNAKE RIVER navigation lock maintenance closures are:

Ice Harbor (RM 9.7) – 0600 on 13 Feb to 2359 on 12 Mar 2022  
Lower Monumental (RM 41.6) – 0600 on 19 Feb to 2359 on 19 Mar 2022  
Little Goose (RM 70.3) – 0600 on 14 Feb to 2359 on 12 Mar 2022  
Lower Granite (RM 107.5) – 0600 on 25 Feb to 2359 on 19 Mar 2022

For additional information regarding Bonneville, The Dalles and John Day lock maintenance closures, contact Portland District, Operations Division at (503) 808-5419. 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) 527-7364.

Charts: 18532 18533 18539 18541 18545 18546 18547

LNLM: 41/21

**SNAKE RIVER - LOWER GRANITE LAKE - LOWER GRANITE RESERVOIR - Juvenile Sturgeon Survey**

Idaho Power is conducting a survey of juvenile sturgeon on the Snake River in Lower Granite Lake from RM 108 to 145, from 01 Oct through 20 Nov 2021. The survey will consist of up to eight sinking style nets that will be positioned on the lake bottom. Most nets will be within 200 yards of each other. Nets may be positioned across the navigation channel and the top of the nets will maintain a vertical clearance of 29 feet. Each net will be marked with at least one fluorescent red buoy at one end of the net. The opposite end buoy will be submerged when the net is near the navigation channel. This study will take place only during weekdays. Nighttime nets will be marked with white flashing lights. The nets will be attended by a 29-foot vessel with "Fisheries Research" placards, which will monitor VHF-FM Channel 13, and will answer to "Idaho Power Survey Vessel" when hailed. All nets will be removed from the channel within 20 minutes upon request. For additional information, contact Idaho Power Environmental Department at Jake Hughes (503) 435-9740 or email jhughes@idahopower.com.

Chart 18548

LNLM: 41/21

**WASHINGTON – PUGET SOUND – LAKE WASHINGTON SHIP CANAL – Hiram M. Chittenden Locks upcoming closures**

The small locks at the Hiram M. Chittenden Locks in Ballard will be closed to all marine traffic from at 0600 on 25 Oct until 1600 on 26 Oct 2021. This closure is to repair the northeast valve where the stem has separated from the valve body. During this two day closure the large lock will be in full service and available to accept vessels.

The large lock chamber is scheduled to close to all marine traffic from 0600 on 09 Nov until 1600 24 Nov 2021 for annual maintenance. The small lock will still be available for vessels less than 120 feet in length and 26 feet in width throughout the large lock maintenance period. Emergency

vessels have priority, followed by government, commercial and then recreational. Mariners may experience delays, depending on passage demand.

For current information about activities at the Locks, visit the Locks' Web site at <http://bit.ly/BallardLocks> or follow the Locks on Facebook and Twitter: [www.facebook.com/chittendenlocks](http://www.facebook.com/chittendenlocks) and <http://twitter.com/ChittendenLocks>. For specific questions mariners may contact the lockmasters at (206) 297-9821.

Chart 18447

LNLM: 41/21

**WASHINGTON – LAKE WASHINGTON SHIP CANAL – LAKE UNION to LAKE WASHINGTON – Rowing regatta**

Lake Washington Rowing Club will hold their Head of the Lake Regatta on the waters of Lake Union, Portage Bay and Union Bay on 07 Nov 2021. A large number of rowing racing shells will be on the waters starting approximately 0700 and continuing to 1400. Regatta operations will include boat launch, transit to and from the race course and warm up from East of the Aurora Bridge, through Lake Union, Portage Bay and the Montlake Cut to Webster Point in Lake Washington with turn to finish in Union Bay by the University of Washington. Large green, orange or yellow inflatable course markers (5 ft. tetrahedron or circular shaped) will be temporarily placed to mark the course. Mariners needing to operate in the vicinity of rowers are requested to slow speed and minimize wake to the greatest extent possible. Safety launches on the water will monitor VHF-FM channel 16. For additional information regarding the regatta, contact KC Dietz at (206) 718-6459 and [kcdietz56@gmail.com](mailto:kcdietz56@gmail.com) or Jon Turvey at (206) 790-4766 and [mjturvey@msn.com](mailto:mjturvey@msn.com). To view and download a detailed course map, visit <https://www.headofthelake.org/course-map>.

Chart 18447

LNLM: 41/21

**OREGON – WILLAMETTE RIVER – PORT OF PORTLAND – Construction of fixed Aids to Navigation**

HME Construction, will be rebuilding several wooden and damaged federal aids to navigation on the Willamette River from approximately 11 – 22 Oct 2021. ATON to be rebuilt are as follows:

Willamette River Light 6 (LLNR 14870), being rebuilt at 45-38-36.326N 122-46-37.057W

Willamette River Light 10 (LLNR 14880), being rebuilt at 45-38-18.158N 122-47-14.407W

Post Office Range Front Light (LLNR 14895), being rebuilt at 45-37-47.078N 122-47-37.958W

Multnomah Channel Junction Light (LLNR 14910), being rebuilt at 45-37-08.654N 122-47-41.435W

Equipment on site will be the Derrick Sea Hawk (or Sea Vulture), Tug Husky (or Terylin) and material barges. The Derrick will spud down and will display proper day shapes and lights and have AIS activated. Both vessels will operate on VHF-FM channel 67 and monitor channels 13 and 16. Operations will be performed 8-10 hours per day, 5-7 days a week. The onsite superintendent Al Hallstrom can be reached at (360) 644-3910. Mariners are requested to transit at their slowest safe speed to minimize wake and proceed with caution after passing arrangements have been made. For additional information on this project, mariners can call (509) 637-3980.

Chart 18526

LNLM: 40/21

**WASHINGTON – PUGET SOUND – SEATTLE TO BREMERSON – DUWAMISH WATERWAY – Bathymetric survey operations**

Northwest Hydro Inc. will conduct bathymetric surveying work on the Lower Duwamish Waterway starting on 20 Oct and running to early Nov 2021. The work will occur just upstream of Slip 4 to downstream of Slip 2 (river miles 1.5 – 3.0), and will be both within and outside of the federal navigation channel. This project is EPA-approved and involves a small survey vessel that will be able to move for river traffic. The planned work schedule is 0600-1900 daily, although after hours work may be required. Mariners planning to transit this stretch of the Duwamish are encouraged to contact the survey vessel in advance, which will monitor VHF-FM Channel 13 and available by cell phone at (360) 241-7313.

Chart 18450

LNLM: 40/21

**WASHINGTON – LAKE WASHINGTON SHIP CANAL – UNION BAY REACH – Montlake Street Bridge deviation (Revised from LNM 37/21)**

The Coast Guard has approved a temporary deviation from the normal operating schedule that governs the Montlake Street Bridge (LLNR 18240) across the Lake Washington Ship Canal, mile 5.2. The Montlake Street Bridge need not open the draw for marine vessels during heavy road traffic for the University of Washington football games on the following dates and times:

- 16 Oct 2021, 1500 to 1730 and 2030 to 2300
- 06 Nov 2021, TBA at a later date;
- 13 Nov 2021, TBA at a later date;
- 26 Nov 2021, TBA at a later date.

The deviation is necessary to accommodate vehicular traffic attending football games at Husky Stadium at the University of Washington, in Seattle, Washington. This deviation will allow the Montlake Bridge to remain in the closed-to-navigation position before and after each game. The Montlake Bridge in the closed-to-navigation position provides 30 feet of vertical clearance throughout the navigation channel, and 46 feet of vertical clearance throughout the center 60 feet of the bridge; vertical clearance references to the Mean Water Level of Lake Washington. Vessels which do not require a bridge opening may continue to transit beneath this bridge during the closure. The bridge will be required to open, if needed, for vessels engaged in emergency response operations during this closure period. The Coast Guard will publish any updates or changes to this operating schedule in future LNM publications, once game times are announced. The bridge shall operate in accordance to 33 CFR § 117.897 at all other times. For more information on these events, contact Colleen Kelly, WSDOT, at (425) 739-3700.

Chart 18447

LNLM: 40/21

**COLUMBIA RIVER SYSTEM AND WASHINGTON - Testing of prototype plastic buoys**

The U.S. Coast Guard is testing various prototype plastic buoys to observe their station keeping ability and visual and radar detection capabilities. Buoys are being placed at the following locations for evaluation:

On the Columbia, Snake and Willamette Rivers:  
 Columbia River Entrance Lighted Buoy 3 (LLNR 9911)  
 Desdemona Sands Lighted Buoy 22 (LLNR 9990)  
 Bonneville Pool Lighted Buoy 69 (LLNR 12130)  
 Lake Celilo Buoy 45 (LLNR 12360)  
 Lake Wallula Lighted Buoy 2 (LLNR 12815)  
 Snake River Buoy 14 (LLNR 13195)  
 Snake River Buoy 18 (LLNR 13210)  
 Elk Rock Buoy 10 (LLNR 15005)  
 Elk Rock Buoy 12 (LLNR 15010)

In Grays Harbor and Admiralty Inlet Washington:  
 Point Chehalis Lighted Buoy 4 (LLNR 15990)  
 Point Wilson Lighted Buoy 6 (LLNR 16470)

While the buoys performance is being studied, the US Coast Guard is soliciting comments from the maritime community transiting this waterway. 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 and US Coast Guard Sector Puget Sound.

Charts: 18533 18545

LNM: 39/21

**OREGON – WILLAMETTE RIVER - Beltline Bridge Navigation Only Public Notice**

The US Coast Guard has issued a Navigation Only Public Notice (PN 07-21) for an Oregon State Department of Transportation bridge project named the Beltline Highway (OR 569): River Road Delta Highway Project, as well as a second, new arterial bridge nearby. The Project is located in Lane County, at the city of Eugene at Willamette River RM 178.2. PN 07-21 is available for review at: <https://www.navcen.uscg.gov/D13BN>. This Public Notice is for the Coast Guard to solicit comments exclusively related to navigation for these bridges. For more information on the Navigation Only Public Notice, contact the D13 Bridge Administrator Mr. Steve Fischer at [steven.m.fischer3@uscg.mil](mailto:steven.m.fischer3@uscg.mil).

LNM: 39/21

**WASHINGTON – STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA – FRIDAY HARBOR – Sewer outfall installation**

Reside Construction will be replacing the sewer outfall pipe for the town of Friday Harbor with a project running from 08 Nov to approximately 30 Dec 2021. The 1800-foot long, 18-inch HDPE outfall pipe will be assembled in the temporary moorage location on the southern end of the harbor until approximately 06 Dec, at which time it will be towed to the north end of the harbor and installed. The spud barge Whitehorse, work boat Pixie, and tug Elsie M will be onscene monitoring VHF-FM channel 16 and all work barges will display white lights on all four corners unless underway. The pipeline will have red buoys marking its location every 30 ft. and will have flashing yellow construction lights on each end and at 600 ft. intervals along its length. Mariners are urged to transit at their slowest safe speed to minimize wake and proceed with caution after passing arrangements have been made. For additional information, please contact the project superintendent David Berry at (206) 940-2529 or Sam Berry at (206) 940-0564.

Chart 18434

LNM: 39/21

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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
688	NOAA Environmental Lighted Buoy 46029	MISSING	18500	0647-21	39/21	
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	
<b>9817</b>	<b>Tillamook Bay Entrance Lighted Bell Buoy 2</b>	<b>LT EXT</b>	<b>18558</b>	<b>0716-21</b>	<b>42/21</b>	
10280	Pillar Rock Upper Range Rear Light	REDUCED INT	18523	0434-21	26/21	
12980	Lake Wallula West Channel Junction Light W	STRUCT DEST/TRLB	18542	0208-20	09/20	

14420	Baker Bay West Channel Entrance Jetty Light 2	LT IMCH/STRUCT DMGD	18521	0633-21	38/21
16071.25	Hoquiam River Obstruction Buoy	MISSING/TRDBN	18502	0178-20	08/20
<b>16090</b>	<b>Quillayute River Sector Light</b>	<b>MSLD SIG/LT IMCH</b>	<b>18480</b>	<b>0730-21</b>	<b>42/21</b>
16136	Strait of Juan De Fuca Traffic Separation Lane Lighted Buoy JA	MISSING	18485	0828-20	47/20
17360	Nisqually Flats Light 3	STRUCT DEST/TRLB	18448	0404-21	24/21
18710	Oak Harbor Light 11	STRUCT DEST/TRUB	18428	0652-21	39/21
19120	Swinomish Channel North Entrance Light 18	STRUCT DEST/TRLB	18427	0546-20	34/20

**DISCREPANCIES (FEDERAL AIDS) CORRECTED**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
10305	Brookfield Point Lighted Buoy 22	RELIGHTED	18523	None	42/21	42/21
18460	Mukilteo Light	RELIGHTED	18443	None	42/21	42/21
19158	Swinomish Channel North Entrance Buoy 34	WATCHING PROPERLY	18427	0705-21	41/21	42/21
19160	Swinomish Channel North Entrance Buoy 35	WATCHING PROPERLY	18427	0706-21	41/21	42/21
19857	Ewing Island Reef Danger Light	WATCHING PROPERLY	18431	0724-21	37/21	42/21

**DISCREPANCIES (PRIVATE AIDS)**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
11247	Hayden Island Water Monitoring Lighted Buoy A	MISSING	18526	0413-21	25/21	
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	
16460	Discovery Bay Seafarm Lighted Buoy A	MISSING	18471	0697-21	41/21	
16461	Discovery Bay Seafarm Lighted Buoy B	MISSING	18471	0697-21	41/21	
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
18086.1	Bremerton Marina North Entrance Light 1	WATCHING PROPERLY	18452	0728-21	41/21	42/21
18086.5	Bremerton Marina South Entrance Light 2	WATCHING PROPERLY	18452	0728-21	41/21	42/21

**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
9285	Winchester Bay Harbor Entrance Daybeacon 1	TRUB	18584	0353-21	21/21	
10220	Miller Sands Channel Lighted Buoy 6	RELOCATED FOR DREDGING	18523	0588-21	36/21	

12980	Lake Wallula West Channel Junction Light W	TRLB	18542	0214-20	10/20
14425	Baker Bay West Channel Buoy 3	DISCONTINUED FOR DREDGING	18521	0602-21	37/21
16071.25	Hoquiam River Obstruction Buoy	TRDBN	18502	0534-21	32/21
17090	Browns Point Light	TRLB	18453	0513-21	31/21 42/21
17360	Nisqually Flats Light 3	TRLB	18448	0409-21	24/21
<b>18710</b>	<b>Oak Harbor Light 11</b>	<b>TRUB</b>	<b>18428</b>	<b>0711-21</b>	<b>42/21</b>
19120	Swinomish Channel North Entrance Light 18	TRLB	18427	0573-20	35/20

**TEMPORARY CHANGES CORRECTED**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
14895	Post Office Range Front Light	LWP	18526	0717-21	41/21	42/21
17090	Browns Point Light	Reestablished	18453	0705-21	30/21	42/21

**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	Object of Corrective Action				Position	
	Green can					

(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.

18447	30th Ed.	01-SEP-12	Last LNM: 04/19	NAD 83	42/21
Chart Title: Lake Washington Ship Canal and Lake Washington					
<b>CHART 3A - LAKE WASHINGTON SHIP CANAL AND LAKE WASHINGTON. Page/Side: N/A</b>					
ADD	Southport Danger Shoaling Buoy E W/Or can "E"			CGD13 at 47-30-14.430N	122-12-21.090W
ADD	Southport Danger Shoaling Buoy W W/Or can "W"			CGD13 at 47-30-14.671N	122-12-22.745W
ADD	Southport Dock Light 4 "4" Fl R 6s			CGD13 at 47-30-12.420N	122-12-24.870W
ADD	Southport Dock Light A "A"			CGD13 at 47-30-11.600N	122-12-19.900W

	FI Y 6s						
ADD	Southport Lighted Buoy 1 G can "1" FI G 4s			CGD13 at 47-30-15.380N			122-12-24.400W
ADD	Southport Lighted Buoy 2 R nun "2" FI R 4s			CGD13 at 47-30-13.620N			122-12-27.560W
ADD	Southport Slow No Wake Buoy C W/Or can "C"			CGD13 at 47-30-16.130N			122-12-25.130W
ADD	Southport Slow No Wake Buoy N W/Or can "N"			CGD13 at 47-30-19.120N			122-12-23.470W
ADD	Southport Slow No Wake Buoy S W/Or can "S"			CGD13 at 47-30-13.900N			122-12-28.010W
<b>18476</b>	<b>7th Ed.</b>	<b>01-JAN-17</b>	<b>Last LNM: 02/17</b>	<b>NAD 83</b>			<b>42/21</b>
<i>ChartTitle: Puget Sound-Hood Canal and Dabob Bay</i>							
<b>Main Panel 1942 PUGET SOUND HOOD CANAL AND DABOB BAY. Page/Side: A</b>							
LAST EDITION	No new editions of chart 18476 will be published. It will be canceled on 06-Apr-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					NOS --	--
<b>18525</b>	<b>38th Ed.</b>	<b>01-JUL-16</b>	<b>Last LNM: 40/20</b>	<b>NAD 83</b>			<b>42/21</b>
<i>ChartTitle: Columbia River Saint Helens to Vancouver</i>							
<b>Main Panel 1742 COLUMBIA RIVER SAINT HELENS TO VANCOUVER. Page/Side: A</b>							
CHANGE	Multnomah Channel Junction Light Height to 25ft.			CGD13 at 45-37-08.654N			122-47-41.435W
<b>18526</b>	<b>61st Ed.</b>	<b>01-OCT-20</b>	<b>Last LNM: 40/20</b>	<b>NAD 83</b>			<b>42/21</b>
<i>ChartTitle: Port of Portland, Including Vancouver;Multnomah Channel-southern part</i>							
<b>CHART OR - PORT OF PORTLAND, INCLUDING VANCOUVER. Page/Side: N/A</b>							
CHANGE	Multnomah Channel Junction Light Height to 25ft.			CGD13 at 45-37-08.654N			122-47-41.435W
<b>18527</b>	<b>24th Ed.</b>	<b>01-AUG-16</b>	<b>Last LNM: 36/16</b>	<b>NAD 83</b>			<b>42/21</b>
<i>ChartTitle: Willamette River-Swan Island Basin</i>							
<b>Main Panel 1745 SWAN ISLAND BASIN WILLAMETTE RIVER. Page/Side: A</b>							
LAST EDITION	No new editions of chart 18527 will be published. It will be canceled on 06-Apr-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					NOS --	--
<b>18528</b>	<b>11th Ed.</b>	<b>01-JUL-08</b>	<b>Last LNM: 39/15</b>	<b>NAD 83</b>			<b>42/21</b>
<i>ChartTitle: Willamette River Portland to Walnut Eddy</i>							
<b>Main Panel 1746 WILLAMETTE RIVER PORTLAND TO WALNUT EDDY. Page/Side: N/A</b>							
LAST EDITION	No new editions of chart 18528 will be published. It will be canceled on 06-Apr-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					NOS --	--
<b>18529</b>	<b>11th Ed.</b>	<b>01-JUN-18</b>	<b>Last LNM: 38/08</b>	<b>NAD 83</b>			<b>42/21</b>
<i>ChartTitle: Willamette River Walnut Eddy To Newburg</i>							
<b>Main Panel 1748 WILLAMETTE RIVER WALNUT EDDY TO NEWBURG - -. Page/Side: -</b>							
LAST EDITION	No new editions of chart 18529 will be published. It will be canceled on 06-Apr-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> .					NOS --	--



ChartTitle: FRANKLIN D. ROOSEVELT LAKE Southern part

Main Panel 1781 FRANKLIN D ROOSEVELT LAKE SOUTHERN PART . Page/Side: N/A

LAST EDITION No new editions of chart 18551 will be published. It will be canceled on 06-Apr-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>.

ChartTitle: FRANKLIN D. ROOSEVELT LAKE Northern part

Main Panel 1783 FRANKLIN D ROOSEVELT LAKE NORTHERN PART LEFT PANEL. Page/Side: N/A

LAST EDITION No new editions of chart 18553 will be published. It will be canceled on 06-Apr-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at <https://www.charts.noaa.gov/MCD/Dole.shtml>.

**SECTION V - ADVANCE NOTICES**

This section contains advance notice of approved projects, changes to aids to navigation, or upcoming temporary changes such as dredging, etc. Mariners are advised to use caution while transiting these areas.

**SUMMARY OF ADVANCED APPROVED PROJECTS**

<u>Approved Project(s)</u>	<u>Project Date</u>	<u>Ref. LNM</u>
None		

**Advance Notice(s)**

**OREGON – YAQUINA BAY AND ENTRANCE – Change to the characteristic of Yaquina Bay Entrance Range Front and Rear Lights and Yaquina Bay Channel Light 8**

The U.S. Coast Guard will be changing the characteristic of Yaquina Bay Entrance Range Front and Rear Lights (LLNRs 9580 and 9585) from a night time only light to a 24 hours a day light. The flash characteristics and night time intensity will remain the same. Yaquina Bay Channel Light 8 (LLNR 9615) will change in characteristic from a red light flashing every 4 seconds to a quick flashing red light.

Mariners are encouraged to share comments on the performance and operation of these 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 North Bend.

Charts: 18561 18580 LNM: 36/21

**OREGON – TILLAMOOK BAY – Testing of a self-contained LED lantern on Tillamook Bay Entrance Lighted Bell Buoy 2**

Due to frequent failures of the current LED lantern on Tillamook Bay Entrance Lighted Bell Buoy 2 (LLNR 9817), The U.S. Coast Guard will be testing a different model lantern on the buoy to determine if improvements in performance and reliability may be obtained. This lantern will have the same characteristic as the previous one (Quick Flashing Red) but the intensity will be lowered from 4 NM to 3 NM during the evaluation period.

A Broadcast Notice to Mariners will be issued upon the change. 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 Columbia River.

Charts: 18520 18558 LNM: 42/21

**OREGON – TILLAMOOK BAY – Installation of a sector light at Tillamook Bay Entrance Leading Light (Revised from LNM 37/21)**

To improve visibility and performance, the U.S. Coast Guard has changed the lighting characteristic of Tillamook Bay Entrance Leading Light (LLNR 9830) to a three color sector light, displaying a fixed characteristic with the following characteristics:

Fixed Green, White and Red light shown during darkness, with the Green sector visible from 095.0° to 096.5°, the White sector visible from 094.0° to 095.0° (0.50° each side of 094.5°) and the Red sector visible from 092.5° to 094.0°. All bearings are listed as being viewed from sea to the light structure.

A Broadcast Notice to Mariners has been issued and the nautical chart and Light List corrections have been issued in this Local Notice to Mariners. 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 Columbia River.

Charts: 18520 18558 LNM: 41/21

**OREGON – WILLAMETTE RIVER – PORT OF PORTLAND - Construction of fixed Aids to Navigation**

The U.S. Coast Guard is rebuilding the wooden and damaged aids to navigation in the Willamette River during the month of October 2021. The following aids to navigation that are being rebuilt are as follows:

- Willamette River Light 6 (LLNR 14870), being rebuilt at 45-38-36.326N 122-46-37.057W
- Willamette River Light 10 (LLNR 14880), being rebuilt at 45-38-18.158N 122-47-14.407W
- Post Office Range Front Light (LLNR 14895), being rebuilt at 45-37-47.078N 122-47-37.958W

Multnomah Channel Junction Light (LLNR 14910), being rebuilt at 45-37-08.654N 122-47-41.435W

Mariners are encouraged to share comments on the performance and operation of these 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.

Chart 18526

LNM: 40/21

**WASHINGTON – WILLAPA BAY – Construction of fixed Aids to Navigation**

The U.S. Coast Guard is rebuilding the wooden and damaged aids to navigation in Willapa Bay during the fall of 2021. The following aids to navigation that are being rebuilt are as follows:

- Willapa Bay Entrance Light 11 (LLNR 15205), being rebuilt at 46-43-07.216N 124-02-25.872W (WGS84)
- Willapa River Channel Light 56 (LLNR 15380), being rebuilt at 46-40-39.562N 123-46-48.572W (WGS84)
- Willapa River Channel Light 59 (LLNR 15385), being rebuilt at 46-40-45.530N 123-45-57.681W (WGS84)
- South Willapa Bay Light 3 (LLNR 15400), being rebuilt at 46-41-21.901N 124-00-58.860W (WGS84) and changing to Willapa River Junction Light (LLNR 15210), showing a Red Light flashing twice then once every 6 seconds (FI R (2+1) 6s) with a range of 4 NM and displaying red and green triangular dayboards.
- South Willapa Bay Daybeacon 8 (LLNR 15415), being rebuilt at 46-35-42.431N 123-58-53.484W (WGS84)
- Nahcotta Channel Daybeacon 11 (LLNR 15425), being rebuilt at 46-33-44.918N 123-57-39.321W (WGS84)
- Nahcotta Channel Daybeacon 12 (LLNR 15430), being rebuilt at 46-32-45.638N 123-59-09.751W (WGS84)
- Long Island Junction Light (LLNR 15435), being rebuilt at 46-32-09.564N 123-58-35.489W (WGS84)
- Nahcotta Channel Daybeacon 13 (LLNR 15440), being rebuilt at 46-30-39.899N 124-00-20.082W (WGS84)
- Nahcotta Mooring Basin Light 2 (LLNR 15445), being rebuilt at 46-30-05.844N 124-01-25.796W (WGS84)
- Stanley Channel Daybeacon 2 (LLNR 15475), being rebuilt at 46-31-11.371N 123-58-34.646W (WGS84)
- Stanley Channel Light 4 (LLNR 15480), being rebuilt at 46-29-01.814N 123-57-55.284W (WGS84)
- Stanley Point Junction Daybeacon (LLNR 15485), being rebuilt at 46-27-40.341N 123-56-14.743W (WGS84) and changing to Stanley Point Junction Light (LLNR 15485) showing a Red Light flashing twice then once every 6 seconds (FI R (2+1) 6s) with a range of 4 NM and displaying red and green triangular dayboards.
- Nemah River Channel Entrance Daybeacon 1 (LLNR 15490), being rebuilt at 46-34-44.738N 123-57-06.465W (WGS84)
- Bay Center Channel Light 11 (LLNR 15515), being rebuilt at 46-38-53.664N 123-57-05.526W (WGS84)
- Palix River Channel Light 15 (LLNR 15525), being rebuilt at 46-37-53.926N 123-56-36.602W (WGS84)

Mariners are encouraged to share comments on the performance and operation of these 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.

Chart 18504

LNM: 40/21

**WASHINGTON – STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA AND PUGET SOUND – Removal of RACONs on aids to navigation**

The U.S. Coast Guard will be removing the RACONs from selected aids to navigation in the Strait of Juan de Fuca, Rosario Strait and Puget Sound due to the consistent failure of the signals and that they are no longer considered necessary for safe navigation of the waterways. While there is no specific timeline for the removal of this equipment, it will be coordinated with servicing and discrepancy responses. The removal of the RACONs will be announced by Broadcast Notice to Mariners and published in the Local Notice to Mariners as Chart and Light List corrections. These aids to navigation are:

- Hein Bank Lighted Buoy 1 (LLNR 16362)
- Rosario Strait Traffic Separation Lane Lighted Buoy "RA" (LLNR 16370)
- Puget Sound Traffic Separation Lane Lighted Buoy "SA" (LLNR 16405)
- Puget Sound Traffic Separation Lane Lighted Buoy "SG" (LLNR 16815)
- Rosario Strait Traffic Separation Lane Lighted Buoy "C" (LLNR 19520)
- Rosario Strait Traffic Separation Lane Lighted Buoy "CA" (LLNR 19535)

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 Puget Sound.

Charts: 18400 18421 18441 18465

LNM: 36/21

**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>
<b>None</b>			

**Proposed Change Notice(s)**

**SNAKE RIVER – LAKE SACAJAWEA – Reduction in intensity of Windust Range Front and Rear Lights**

The U.S. Coast Guard is proposing to reduce the intensity of Windust Range Front Light and Rear Light (LLNRs 13445 and 13450), due to reports of excessive glare from the range lights hampering nighttime visibility. While this situation is being studied, the US Coast Guard is soliciting

comments from the maritime community transiting this waterway.

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 18545

LNM: 36/21

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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.

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### 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: 42/21

### SUMMARY OF DREDGING OPERATIONS

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

LNM: 42/21

### SUMMARY OF MARINE EVENTS

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

LNM: 42/21

### OREGON – SIUSLAW RIVER – US-101 Highway Bridge deviation

The Coast Guard has approved a temporary bridge deviation from the operating schedule for the US-101 Highway Bridge (LLNR 9558) across the Siuslaw River, mile 5.0, at Florence, OR. This request supports heavy maintenance and part replacement, and locks the span to marine traffic in the closed-to-navigation position from 0600 on 20 Sep until 1800 on 29 Oct 2021. Containment will be installed and reduce the span's vertical clearance from 27 feet to 21 feet above MHW. The south fixed span has a vertical clearance of 36 feet above MHW. The draw will not be able to open for emergency vessels responding to calls. In accordance with 33 CFR 117.35(e), the bridge must return to its regular operating schedule immediately at the end of the designated time-period. For more information on this event, contact Dave Lihou at David.F.Lihou@odot.state.or.us.

Chart 18583

LNM: 38/21

### 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 – BONNEVILLE TO THE DALLES – Marine construction/demolition at Drano Lake

Advanced American Construction (AAC) will be conducting existing pier removal in the Columbia River at the mouth of Little White Salmon River / Drano Lake near RM 116. Operations include wire saw, concrete demolition and pile removal. Onsite work is expected to occur from 06 Jul 2021 to 28 Feb 2022. AAC's Derrick Barge DB 4100 and tug Lindy Marie, and work barges will be on station and monitoring VHF-FM channel 16 during the working hours of 0700 through 1800, Monday through Saturday. The floating equipment will remain on-station during non-working hours and will be illuminated at night by fixed white lights on all corners. Mariners are asked to transit the area with extreme caution and minimize wake. Please contact Shad Huber (360) 953-4833 Shadh@callAAC.com or Scott Miller at (503) 568-4313 scottm@callAAC.com with questions.

Chart 18532

LNM: 23/21

### COLUMBIA RIVER – BONNEVILLE TO THE DALLES – Bridge notice

ODOT is conducting a bridge deck replacement project on the SR 197 Highway Bridge (LLNR 12133) at Columbia RM 191.6 near The Dalles, OR and Dallesport WA. A work access and containment platform will be suspended beneath the bridge starting in mid-August and will be in place continuously until 27 May 2022. While in place, the vertical navigation clearance will be reduced by approximately 3 feet to a minimum clearance of 97 feet Columbia River datum OHW. If a vessel needs the full 100 feet of vertical clearance for passage through the subject bridge, contact the ODOT Resident Engineer with no less than 12 hours of notice. For more information, or to make a request, contact ODOT Resident Engineer Brad DeHart at (541) 296-2800 or bradley.k.dehart@odot.state.or.us.

Chart 18532

LNM: 31/21

### WASHINGTON – LAKE WASHINGTON SHIP CANAL – UNION BAY REACH – Montlake Street Bridge deviation

The Coast Guard has approved a temporary deviation to the operating schedule that governs the Montlake Street Bridge (LLNR 18240) across the Lake Washington Ship Canal, mile 5.2, at Seattle, Washington. Beginning at 0001 on 09 Aug 2021 until 1700 on 31 Oct 2021, the draws of the Montlake Bridge will be authorized to open only a single drawbridge leaf for the passage of marine vessel traffic (as opposed to the normal double

**WASHINGTON – LAKE WASHINGTON SHIP CANAL – UNION BAY REACH – Montlake Street Bridge deviation**

leaf opening). The temporary operating schedule is described below:

Month	Day	Hour	Position	Note
09 Aug – 03 Sep	Mon-Sun	24 Hrs/day	Single leaf opening	Double leaf opening with at least 24Hr advance notice
04 Sep – 31 Oct	Fri-Mon (weekends only)	2300-0500	Single leaf opening	Double leaf opening with at least 24Hr advance notice

During this temporary deviation all requirements of CFR 33CFR§117.1051(e) which governs the Montlake Bridge remain in effect. The only change is allowing the bridge to operate in single leaf mode. This temporary deviation is in support of replacing the roadway decking. The Montlake Bridge in the closed-to-navigation position provides 30 feet of vertical navigation clearance, and 46 feet of vertical navigation clearance throughout the center 60 feet of the bridge; vertical clearance references to the Mean Water Level of Lake Washington. The bridge with both bascule leaves in the open-to-navigation position provides a horizontal navigation clearance of 129ft. During the single leaf openings, the horizontal clearance will be reduced to 64.5ft. Vessels unable to navigate through the bridge in single leaf mode with the reduced horizontal clearance may request a full opening with at least 24 hours’ notice given to the bridge operator at (206) 720-3048, or via VHF-FM Channel 13. Vessels able to pass through the bridge in the closed-to-navigation position may do so at any time. The bridge will only be able to give emergency responders a half opening without a 24-hour notice. The Montlake Bridge will operate per 33 CFR 117.1051(e) at the end of this deviation. For more information, contact Alyson Rae at [raea@wsdot.wa.gov](mailto:raea@wsdot.wa.gov).

Chart 18447

LNM: 18/21

**WASHINGTON - LAKE WASHINGTON SHIP CANAL - UNION BAY REACH – SR520 West Approach Bridge South, Bridge Replacement (Revised from LNM 50/20)**

American Bridge Company will conduct demolition work on the existing SR520 West Approach Bridge South utilizing marine equipment from 18 Jan through 31 Dec 2021. Furthermore, new bridge construction on a similar alignment will be conducted beyond demolition activities through 31 Mar 2023. 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). Periodic closures of Channel A will be during the hours of 0600-1800. 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 of the operating area and the channel locations was included as Enclosure (5) of LNM 31/21. For more information, contact Eoin Duffy at (914) 263-5875 or email at [eduffy@americanbridge.net](mailto:eduffy@americanbridge.net).

Chart 18447

LNM: 28/21

**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](mailto:SpahrS@wsdot.wa.gov)

Charts: 18421 18427

LNM: 05/21

**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. Mariners 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, beginning in September until 15 May 2022, for the passage of recreational craft through the Columbia and Snake River navigation locks. The Portland District will begin the winter lockage schedule on 30 Sep, while the Walla Walla District will commence the winter schedule on 18 Sep. Winter 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 telephone, and should make their request at least 30 minutes in advance.

Lock Name	Location	Phone Number	Radio Call Sign
Portland District:			
Bonneville Lock	Columbia River Mile 145.5	(541) 374-8323	WUJ 33
The Dalles Lock	Columbia River Mile 191.5	(541) 506-8211	WUJ 34
John Day Lock	Columbia River Mile 215.6	(541) 298-9712	WUJ 35

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

Walla Walla District:

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. The Portland District requests that recreational vessels contact the lock at least 30 minutes prior to arrival using VHF-FM channel 14 or via telephone. 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 Portland District navigation lock operations and schedules visit <http://www.nwp.usace.army.mil/Missions/Navigation.aspx> and for Walla Walla District lock operations 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: 35/21

### **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

### **COLUMBIA RIVER – PACIFIC OCEAN TO HARRINGTON POINT - Mouth of the Columbia River Jetty System Major Rehabilitation Project (Revised from LNM 11/21)**

Scheduled repairs of the South Jetty have commenced and are planned to continue through 2024. The 2021 seasonal operations resumed 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 in place and has resumed 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](mailto:Sheri@jemcamis.com), or the project superintendent, Aaron Anderson at (503) 791-2161 or email [AAnderson@jemcamis.com](mailto: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: 18/21

### **COLUMBIA RIVER – SAINT HELENS TO VANCOUVER – WILLOW – Marine outfall pipe construction**

Advanced American Construction (AAC) will be conducting installation of a new 48 inch outfall pipe in the Columbia River near mile 96. The pipe will extend from the Washington riverbank out into the Columbia River approximately 700 feet. Operations include dredging, pipe installation, pile driving, diving and demolition of the existing submerged outfall pipe. Onsite work is expected to occur from 01 Oct 2021 to 28 Feb 2022. AAC's Derrick Barge DB 4100 and tug Lindy Marie, and work barges will be on station and monitoring VHF-FM channel 16 during the working hours of 0700 through 1800, Monday through Saturday. The floating equipment will remain on-station during non-working hours and will be illuminated at night by fixed white lights on all corners. Mariners are asked to transit the area with extreme caution and minimize wake. For additional information, contact Shad Huber (360) 953-4833 [Shadh@callAAC.com](mailto:Shadh@callAAC.com).

Chart 18525

LNM: 36/21

### **COLUMBIA RIVER – ST. HELENS TO VANCOUVER – WILLOW – Safety Zone for the Columbia River Outfall Project**

A safety zone will be in effect from 0001 on 01 Oct 2021 through 2359 on 15 Mar 2022 for a marine construction project, that includes dredging operations, on the Columbia River near RM 95.8 – 96.1, on the Washington side of the navigable channel. The safety zone would cover all navigable waters of the Columbia River, surface to bottom, encompassed by a line connecting the following points:

- beginning at the shoreline at 45-43-57.0 N, 122-45-21.0 W,
- then west to 45-43-58.0 N, 122-45-33.0 W,
- then south to 45-43-39.0 N, 122-45-35.0 W,
- then east to 45-43-39.0 N, 122-45-21.0 W, and along the shoreline back to the beginning point.

No vessel or person will be allowed to enter the safety zone without obtaining permission from the Captain of the Port Sector Columbia River, or a designated representative, via VHF-FM Channel 16, or by calling (503) 209-2468.

Chart 18525

LNM: 37/21

### **COLUMBIA RIVER – ST. HELENS TO VANCOUVER – Safety Zone for the CBWTP Outfall Diffuser Improvements Project**

A safety zone will be in effect from 0001 on 01 Oct 2021 through 2359 on 28 Feb 2022 for a marine construction project that includes dredging and dive operations at Columbia River Mile 105.6. The safety zone covers all navigable waters, from surface to bottom, approximately 300 yards to the east and west side of the Burlington Northern Railroad Bridge Vancouver Railroad Bridge (LLNR 11250) on the Oregon side of the Columbia River from shoreline to the outside of the navigational channel. No vessel or person will be allowed to enter the safety zone without obtaining permission from the Captain of the Port Sector Columbia River, or a designated representative, via VHF-FM Channel 16, or by calling (503) 209-2468.

Chart 18525

LNM: 37/21

### **COLUMBIA RIVER – VANCOUVER TO BONNEVILLE – Shoaling protruding into Reed Island Reach**

**COLUMBIA RIVER – VANCOUVER TO BONNEVILLE – Shoaling protruding into Reed Island Reach**

Due to shoaling extending south into the Reed Island Reach Channel south of Reed Island, the US Coast Guard has relocated Reed Island Reach Lighted Buoy 61 (LLNR 11580) to approximate position 45-32-46.318N 122-18-02.052W. This position is near the center of the channel. Vessels transiting Reed Island Reach should navigate on the southern edge of the channel between longitudes 122-17-30.0W and 122-18-25.0W (RM 125+40 to 126+40) and proceed with caution.

Chart 18531

LNM: 30/21

**OREGON - WILLAMETTE RIVER – WALNUT EDDY TO NEWBERG – Marine construction and diving operations**

Harbor Offshore, Inc. is performing diving and marine construction in the vicinity of the Raw Water Pump Station on the Willamette River near Wilsonville, OR, from 07 Sep through 30 Oct 2021. Work will typically take place from 0630 – 1600, Monday thru Friday. A 40' x 80' modular pontoon crane barge will be onsite, in approximate position 45-17-36.96 N, 122-46-57.96 W, which is about 500 yards west (upriver) of the Wilsonville Railroad Bridge (LLNR 15152). The barge will have all corners marked with lights and a vessel exclusion barrier surrounding the barge. Crew on barge will be monitoring VHF Channel 19A. All vessel traffic is requested to maintain at least 100 yards from operations. For additional information, please contact Lauren Collins at (707) 389-0678 or lcollins@harboroffshoreinc.com.

Chart 18529

LNM: 36/21

**WASHINGTON – APPROACHES TO STRAIT OF JUAN DE FUCA – Scientific research equipment deployment (Revised from LNM 14/21)**

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

(1) 47-46-54.6 N / 124-39-13.8 W

(2) 47-42-54.0 N / 124-43-58.2 W

The buoys are yellow with a yellow light flashing five times with a 15 second off period or FI (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: 25/21

**WASHINGTON – APPROACHES TO STRAIT OF JUAN DE FUCA - SWIFTSURE BANK – ECHO Program 2021 Voluntary Vessel Slowdown at Swiftsure Bank**

Effective 01 Jun 2021, the Enhancing Cetacean Habitat and Observation (ECHO) Program voluntary vessel slowdown in the vicinity of Swiftsure Bank is in effect for all outbound commercial vessels. If it is safe and operationally feasible to do so, commercial vessels are requested to not exceed the following speeds through the water:

11 knots – Bulk carriers, tankers, general cargo vessels, and government vessels

14.5 knots – Vehicle carriers, cruise ships, and container vessels.

The voluntary vessel slowdown takes place in the outbound lane of the vessel traffic separation scheme between Strait of Juan de Fuca TSL Lighted Buoy JA (LLNR 756) and the end of the traffic separation scheme. Additionally, a speed transition zone is in place, beginning at longitude 124-33-36.860W. The ECHO Program voluntary slowdown aims to reduce underwater noise in known southern resident killer whale feeding areas. This initiative will remain in effect 24 hours per day through 31 Oct 2021. For more detailed information related to this slowdown and the ECHO program, visit the following web address:

<https://www.portvancouver.com/environmental-protection-at-the-port-of-vancouver/maintaining-healthy-ecosystems-throughout-our-jurisdiction/echo-program/projects/swiftsure-bank-slowdown/>

Charts: 18400 18460 18480

LNM: 22/21

**WASHINGTON – STRAIT OF JUAN DE FUCA – Port of Vancouver Canada 2021 Voluntary Lateral Displacement**

As of 01 Jun 2021, the Enhancing Cetacean Habitat and Observation (ECHO) Program voluntary inshore lateral displacement is in effect for all tugs transiting the Canadian inshore area of the Strait of Juan de Fuca. If it is safe and operationally feasible to do so, tugs are requested to move south of the known killer whale feeding area and navigate either through the outbound shipping lane or the inshore lateral displacement zone, while maintaining a buffer distance of 1,000 meters from the traffic separation scheme (TSS). The inshore lateral displacement zone is 1,500 meters wide and occurs in the area between 123-52-21.192 W, 48-18-37.332 N and 124-31-33.378 W, 48-28-53.316 N, covering a distance of approximately 28 NM. The ECHO Program voluntary lateral displacement initiative aims to reduce underwater noise in known southern resident killer whale feeding areas along the northern edge of the Strait of Juan de Fuca. This initiative will remain in effect 24 hours a day through 31 Oct 2021. For more detailed information related to lateral displacement and the ECHO program, visit the following web address:

<https://www.portvancouver.com/environmental-protection-at-the-port-of-vancouver/maintaining-healthy-ecosystems-throughout-our-jurisdiction/echo-program/projects/lateraldisplacement/>

Charts: 18400 18460 18480

LNM: 22/21

**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.

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 – ELLIOT BAY – DUWAMISH WATERWAY – Dredging and marine construction**

Orion Marine will be performing dredging and marine construction in the vicinity of vigor Shipyards on the Duwamish River west waterway from 01 Sep 2021 through 28 Feb 2022. Work will typically take place from 0600 to 1730, Monday thru Saturday. The DB Petaluma and DB Miller will be onsite, with several material barges, and towing provided by Boyer Towing. Each floating plant will have all corners marked with steady white lights. Mariners transiting the west waterway are requested to minimize their wake and maintain at least 200 feet from operations. For additional information please contact Bradley Morlock at (253) 552-1154 or email at bmorlock@orionmarinegroup.com.

Chart 18450

LNM: 34/21

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

The 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 in the vicinity of Big Beef Creek from sunrise until sunset starting 27 Sep and ending 16 Nov 2021, Monday – Friday. The operations will consist of many low speed straight line courses parallel to the shoreline with some stationary periods to perform deck operations. The operations will be conducted in an area northerly and easterly of a line projected from the Tskutsko Point Light (LLNR 17865) to Misery Point at approximate location 47-39-18.3 N, 122-49-46.5 W. A 28-foot tracking vessel may accompany the barge and occasionally be underway to participate in operations. 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: 38/21

**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 or the Manson Construction superintendent Brian Dorning at (206) 718-8626.

Charts: 18458 18476

LNM: 28/20

**WASHINGTON – STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA – ANACORTES TO SKAGIT BAY – Sediment cleanup project**

American Construction will conduct dredging and material placement work in Fidalgo Bay, Anacortes WA for a sediment cleanup project from 19 Jul to 27 Nov 2021. The site location is approximately 500 yards south of the Fidalgo Bay Marina near 48-29-39.09 N, 122-35-53.07 W, and operations will occur Monday – Saturday, 24 hours a day. The clamshell dredge Snohomish will work with barges Skagit and/or Dungeness and the barges will be towed to and from the Duwamish River in Seattle, WA and the Whatcom Waterway in Bellingham, WA. The dredge Snohomish can be contacted on VHF-FM Channel 16. For questions or additional information, contact Chris Raymond at (425) 647-1707, or via email at chrisr@americanconstco.com.

Chart 18427

LNM: 28/21

**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

**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:

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

<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 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/bnmessages/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

**OREGON – WASHINGTON – Pacific Coast Port Access Route Study**

The Coast Guard is conducting a Port Access Route Study on the Pacific coast (PAC-PARS) to evaluate safe access routes for the movement of vessel traffic proceeding to or from ports or places along the western seaboard of the United States to determine whether a Shipping Safety Fairway and/or routing measures should be established or modified. The goal of the PAC-PARS is to enhance navigational safety by examining existing shipping routes and waterway uses, and, to the extent practicable, reconciling the paramount right of navigation within designated port access routes with other waterway uses such as offshore renewable energy, commercial space ports/re-entry sites, and marine sanctuaries. See Enclosure (4) of this LNM for additional information. You may submit comments identified by docket number USCG-2021-0345 using the Federal eRulemaking webpage <https://www.regulations.gov>. Comments and related material must be received on or before 25 Jan 2022. For questions or additional information, email PACPARS@uscg.mil.

LNM: 33/21

**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
14910	MULTNOMAH CHANNEL JUNCTION LIGHT	45-37-08.654N 122-47-41.435W	Fl (2+1)R 6s	25	4	JR on multi-pile structure.	42/21
18396.1	Southport Slow No Wake Buoy N	47-30-19.120N 122-12-23.470W		*		White and orange can.	Private Aid. 42/21
*	*	*	*	*	*	*	*
18396.2	Southport Slow No Wake Buoy C	47-30-16.130N 122-12-25.130W		*		White and orange can.	Private Aid. 42/21
*	*	*	*	*	*	*	*
18396.3	Southport Slow No Wake Buoy S	47-30-13.900N 122-12-28.010W		*		White and orange can.	Private Aid. 42/21
*	*	*	*	*	*	*	*
18396.4	Southport Danger Shoaling Buoy W	47-30-14.671N 122-12-22.745W		*		White and orange can.	Private Aid. 42/21
*	*	*	*	*	*	*	*
18396.5	Southport Danger Shoaling Buoy E	47-30-14.430N 122-12-21.090W		*		White and orange can.	Private Aid. 42/21
*	*	*	*	*	*	*	*
18396.6	Southport Lighted Buoy 1	47-30-15.380N 122-12-24.400W	Fl G 4s	*		Green can.	Private Aid. 42/21
*	*	*	*	*	*	*	*



## SECTION VIII - LIGHT LIST CORRECTIONS (Continued)

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
18396.7	<i>Southport Lighted Buoy 2</i>	47-30-13.620N 122-12-27.560W	Fl R 4s			Red nun.	Private Aid. 42/21
*	*	*	*	*	*	*	*
18396.8	SOUTHPORT DOCK LIGHT 4	47-30-12.420N 122-12-24.870W	Fl R 6s			On dock.	Private Aid. 42/21
*	*	*	*	*	*	*	*
18396.9	SOUTHPORT DOCK LIGHT A	47-30-11.600N 122-12-19.900W	Fl Y 6s			On dock.	Private Aid. 42/21
*	*	*	*	*	*	*	*

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**ENCLOSURES**


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**Enclosure 1**

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

LNM: 42/21

**Enclosure 2**

OREGON - WASHINGTON - COLUMBIA RIVER - Summary of Dredging Operations

LNM: 42/21

**Enclosure 3**

OREGON - WASHINGTON - COLUMBIA RIVER - Summary of Marine Events

LNM: 42/21

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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	Reedsport Highway 101 Bridge	Reedsport, OR	Multiple Lights extinguished	10/27/2020	0756-20
<b>COLUMBIA RIVER</b>						
	None					
<b>SNAKE RIVER</b>						
	13113.5	SR-12 Bridge (WB)	Burbank, WA	Up River bottom main span white light extinguished	9/29/2021	None
	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>						
	18733	Division Street Bridge	Mount Vernon, WA	Up and Down River clearance gauge unreadable	9/28/2021	None
	18841	Rainbow Highway Bridge	La Conner, WA	NW Margin light extinguished	9/21/2021	0634-21
<b>IDAHO</b>						
	None					
BRIDGE CORRECTIONS						
Waterway	Light List	Bridge Name	Location	Status	Date Reported	BNM
<b>OREGON COAST</b>						
<b>COLUMBIA RIVER</b>						
	13027	Kalan Railroad Bridge	Burbank, WA	Lights watching properly	10/14/2021	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:**

Start Date	End Date	Times	Location	Dredge Vessel	Assist Vessel	Channel monitored	Disposal Area	LNМ
23-Sep-21	19-Oct-21	24 Hrs / 7 Days	Yaquina Bay, Entrance (RM 0-50 to 0+50)	M/V Yaquina	None	VHF-FM 13 & 16	YBOS (N) & YBOS (S)	42/21
22-Aug-21	19-Oct-21	24 Hrs / 7 Days	Yaquina Bay, Harbor (RM 1+15 to 2+00)	M/V Yaquina	None	VHF-FM 13 & 16	YBOS (N) & YBOS (S)	42/21
27-Sep-21	31-Oct-21	24 Hrs / 7 Days	Columbia River; Entrance (RM -2 to 3)	M/V Stuyvesant	None	VHF-FM 13 & 16	NHS, SJS, SWS, DWS	42/21
19-Oct-21	16-Nov-21	24 Hrs / 7 Days	Columbia River, TBD	M/V Yaquina	None	VHF-FM 13 & 16	TBD	42/21
13-Sep-21	15-Oct-21	24 Hrs / 7 Days	Columbia River; Baker Bay West Channel	M/V Heidi Renee	Swan Island, James T	VHF-FM 14, 16 & 72	TBD	40/21
1-Nov-21	28-Feb-22	24 Hrs / 7 Days	Columbia River; Port of Chinook Boat Basin	Port of Ilwaco Dredge	Port Skiff	VHF-FM 69	Ashore	41/21
27-Sep-21	31-Oct-21	24 Hrs / 7 Days	Columbia River, Flavel Bar (RM 11 to 13)	M/V Stuyvesant	None	VHF-FM 13 & 16	W-7.4-IW	42/21
7-Oct-21	3-Nov-21	24 Hrs / 7 Days	Columbia River; Driscoll (RM 44+07 to 44+42)	M/V Oregon	Clackamas, Ivanhoff, Williams	VHF-FM 13 & 16	James River	41/21
26-Nov-21	24-Dec-21	24 Hrs / 7 Days	Columbia River; Stella Range (RM 56+00 to 57+00)	M/V Oregon	Clackamas, Ivanhoff, Williams	VHF-FM 13 & 16	TBD	21/21
18-Oct-21	21-Oct-21	24 Hrs/7 Days	Columbia River, Stella-Fisher Bar, (RM 56+25 to 58+00)	M/V Essayons	None	VHF-FM 13 & 16	RM 53 WA side	42/21
25-Oct-21	28-Oct-21	10 Hrs per Day	Columbia River; Old Mouth Cowlitz River (RM 67+10 to 67+30)	M/V Sea Horse	Terylin, WJ Marston, Robert L	VHF-FM 13, 16 & 67	TBD	42/21
27-Dec-21	20-Jan-22	24 Hrs / 7 Days	Columbia River; Howard Island (RM 69+10 to 70+10)	M/V Oregon	Clackamas, Ivanhoff, Williams	VHF-FM 13 & 16	TBD	21/21
15-Oct-21	18-Oct-21	24 Hrs/7 Days	Columbia River, Lower/Upper Dobelbower (RM 69+20 to 72+00)	M/V Essayons	None	VHF-FM 13 & 16	RM 70 OR side	42/21
29-Oct-21	TBD	10 Hrs per Day	Columbia River; Lake River (RM 78)	M/V Sea Horse	Terylin, WJ Marston, Robert L	VHF-FM 13, 16 & 67	TBD	42/21
21-Oct-21	26-Oct-21	24 Hrs/7 Days	Columbia River, Upper Martin (RM 81+25 to RM 83+42)	M/V Yaquina	None	VHF-FM 13 & 16	RM 82, 83 OR side	42/21
20-Oct-21	21-Nov-21	24 Hrs / 7 Days	Puget Sound; Blair Waterway (Huskey Terminal Piers 3 / 4, Washington United Terminal)	M/V Mukilteo	Seabold	VHF-FM 13 & 16	Commencement Bay OWDS	41/21
13-Oct-21	30-Nov-21	24 Hrs / 7 Days	Lake Washington Ship Canal Pacific Fisherman Shipyard (47-40-06 N, 122-23-18 W)	Crane Barge	N/A	VHF-FM 13 & 16	TBD	40/21

**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 making passing arrangements. 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
22-Oct-21	0830-1020	Kantor Wedding	Willamette River, 1100 SE Waverly Drive Portland, OR
30-Oct-21	1100-1400	4th Annual Portland SUP Witch Paddle	Willamette River, Willamette Park, Portland, OR
31-Oct-21	1830-2000	Oaks Park Halloween Fireworks Display	Willamette River, Near Oaks Park, Portland, OR

## SECTOR PUGET SOUND MARINE EVENTS

EVENT DATE	TIME	EVENT NAME	EVENT LOCATION
22-Oct-21	1100-1800	SYC 41st Annual Grand Prix Regatta	Span of Puget Sound from Point Jefferson to Blakely Rock
23-Oct-21	1100-1730	SBYC Saturday Series	Outside Sequim Bay
30-Oct-21	1200-1600	Milltown Autumn Race Series	Possession Sound
30-Oct-21	1100-1800	STYC Race Your House	Shilshole Bay to Port Madison Bay
30-Oct-21	1100-1730	SBYC Saturday Series	Outside Sequim Bay
31-Oct-21	1100-1630	STYC Great Pumpkin Race	Shilshole Bay to Port Madison Bay
6-Nov-21	1100-1730	SBYC Saturday Series	Outside Sequim Bay
7-Nov-21	0630-1300	Head of the Lake	Lake Union, Portage Bay, and Union Bay
9-Nov-21	1000-1400	Vintage Hydroplane Test	Lake Washington
13-Nov-21	1200-1600	Milltown Autumn Race Series	Possession Sound
13-Nov-21	1100-1730	SBYC Saturday Series	Outside Sequim Bay
13-Nov-21	0800-2000	Round the County 2021	San Juan Islands
20-Nov-21	1100-1500	SBYC Snowbird Race Series 2021-2022	Shilshole Bay
20-Nov-21	1100-1730	SBYC Saturday Series	Outside Sequim Bay
20-Nov-21	0900-1700	Fowl Weather Regatta	Sinclair Inlet
26-Nov-21	1800-1810	Alderbrook Resort Black Friday Fireworks	South Hood Canal
31-Oct-21	1100-1630	STYC Great Pumpkin Race	Shilshole Bay to Port Madison Bay