



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

LOCAL NOTICE TO MARINERS

District: 13

Week: 04/22

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

COMDTPUB P16502.6, Light List Volume VI, 2022 Edition, and Coast Pilot Volume 10, 2021 Edition.
Light List Volume VI, 2022 Edition is available at https://www.navcen.uscg.gov/pdf/lightLists/LightList_V6_2022.pdf
Coast Pilots, along with corrections, are available at: 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.

UNITED STATES COAST GUARD NAVIGATION INFORMATION SERVICE (NIS)

The United States Coast Guard Navigation Information Service (NIS), operated by the USCG Navigation Center, is staffed 24 hours a day, 7 days a week. The NIS provides information on the current operational status, effective policies, and general information for GPS and DGPS. The NIS also disseminates Safety Broadcasts / Broadcast Notice to Mariners (BNM), Local Notice to Mariners (LNM), and the latest Notice Advisory to Navstar Users (NANU). LNMs and other navigation notices can be obtained via e-mail subscription through the USCG Navigation Center website:
<https://www.navcen.uscg.gov/?pageName=feeds>

In addition, the NIS investigates all reports of degradation or loss of GPS 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, 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 on a test basis. 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
D13-0070-22

Ending BNM
D13-0105-22

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 - WASHINGTON – IDAHO – 2022 Light List now available

The 2022 edition of the Light List is now available on the USCG Navigation Center's website at: <http://www.navcen.uscg.gov/?pageName=lightLists>. Coast Guard Light Lists are a means for communicating aids to navigation information to the maritime public. Local Notice to Mariners will continue to advise Light List corrections and NAVCEN will continue to publish a compilation of corrections. Complete versions of the 2022 Light Lists are updated weekly on the NAVCEN website and mariners should download applicable copies and updates as needed at: <http://www.navcen.uscg.gov/?pageName=lightListWeeklyUpdates>. A summary of weekly 2022 Light List corrections are available at: <https://www.navcen.uscg.gov/?pageName=lightListCorrections>.

LNM: 04/22

OREGON - WILLAMETTE RIVER – PORT OF PORTLAND – Bridge notice

The Coast Guard intends to approve a temporary deviation to the operating schedule that governs the Broadway Bridge (LLNR 14955.2), mile 11.7, and Hawthorne Bridge (LLNR 14955.6), mile 13.1, crossing the Willamette River at Portland, OR. This deviation is necessary to accommodate the Bridge to Brews event. This deviation allows the bridges to remain in the closed-to-navigation position to allow safe and timely movement of event participants from 0730 until 1100 on 10 Apr 22. The Broadway Bridge provides 69 feet and the Hawthorne Bridge provides 49 feet of vertical clearance in the closed-to-navigation position; all clearances are referenced to the vertical clearance above Columbia River Datum 0.0. Vessels which do not require a bridge opening may continue to transit beneath the bridge during this closure period. The bridges will be able to open for emergencies, and there is no immediate alternate route for vessels to pass. 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. If any mariner or marine business cannot support this closure period, please comment by 16 Feb 22 at d13-smb-d13-bridges@uscg.mil.

Chart 18526

LNM: 04/22

COLUMBIA RIVER – BONNEVILLE TO THE DALLES – Dive operations at Bonneville Lock and Dam

In preparation for the annual lock maintenance outage, diving operations will occur in both the upstream and downstream sills at the Bonneville Lock and Dam on 11 Feb 2022 from 0700 – 1600. Vessels may experience delays in lockage times during that time period.

Chart 18532

LNM: 04/22

COLUMBIA RIVER – BONNEVILLE TO THE DALLES – Bridge demolition activities

Advanced American Construction (AAC) will be conducting bridge pier demolition in the Columbia River at the mouth of Little White Salmon River / Drano Lake, at Columbia River mile 162, at the BNSF Little White Salmon River Railroad Bridge. Onsite work is expected to occur from 31 Jan – 15 Apr 2022. AAC's Derrick Barge AAC Millennium and work barges will be on station and monitoring VHF-FM channel 16 during the working hours of 0700 through 1700, 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. A navigation channel will be maintained at all times, but mariners are asked to transit the area with caution and minimize wake. Please contact Scott Miller at (503) 568-4313 or ScottM@CallAAC.com with questions.

Chart 18532

LNM: 04/22

COLUMBIA RIVER – BLALOCK ISLAND TO McNARY DAM – Scheduled lock closure at McNary Lock and Dam

The navigation lock at McNary Lock and Dam, located at Columbia River Mile 292, will be out of service from 0900 – 1630 on 10 Feb 2022. During this time, divers will clear debris and sediment from the downstream sill to facilitate placement of stop logs in preparation for the upcoming annual maintenance closure. For additional information contact the McNary Chief Operator at 541-922-2231, Call Sign: WUJ41 or NWW Operations Division at (509) 527-7364.

Chart 18539

LNM: 04/22

SNAKE RIVER – LAKE BRYAN – Little Goose Lock floating guide wall repairs (Revised from LNM 50/21)

All repair work is now completed on the floating guide wall at the Little Goose Lock and Dam at Snake River Mile 70.3, and approaches to the navigation lock are clear of work barges. The Little Goose navigation lock is now returned to full service.

Chart 18547

LNM: 04/22

WASHINGTON – PUGET SOUND – HOOD CANAL – Small boat operations

Naval Base Kitsap will be conducting Force Protection exercises on 03 Feb 2022 from 0700-1500, on the waterfront adjacent to Naval Base Kitsap-Bangor in the Hood Canal, and will occur in an area bound by the following positions:

- 47-44-28 N / 122-45-51 W
- 47-44-20 N / 122-44-32 W
- 47-43-55 N / 122-45-16 W
- 47-43-47 N / 122-44-56 W

Mariners are requested to remain at least 500 yards away from the area outlined, as well as the grey-hull Navy Security vessels conducting the exercises. Navy Security vessels will be operating at high speeds and utilizing blank ammunition during firing exercises. The Navy Security vessels can be reached on VHF-FM channels 72, 88A, and 16. For more information on the exercise, please contact Aaron Rossiter, Antiterrorism Officer, Naval Base Kitsap at (360) 396-9275, or aaron.m.rossiter1@navy.mil.

Charts: 18458 18476

LNM: 04/22

WASHINGTON – PUGET SOUND – SEATTLE TO BREMERTON – SINCLAIR INLET – Small boat operations

Naval Base Kitsap will be conducting Force Protection exercises on 04 Feb 2022 from 0700 – 1500 on the waters of Sinclair Inlet along the southern side of U.S. Naval Base Bremerton, and will occur in an area bound by the following positions:

- 1) 47-32-56N / 122-39-00W
- 2) 47-32-56N / 122-38-20W
- 3) 47-33-06N / 122-38-20W
- 4) 47-33-04N / 122-39-00W

Mariners are requested to remain at least 500 yards away from the area outlined, as well as the grey-hull Navy Security vessels conducting the exercises. Navy Security vessels will be operating at high speeds and utilizing blank ammunition during firing exercises. The Navy Security vessels can be reached on VHF-FM 72, 12, and 16. For more information, on the exercise, please contact Aaron Rossiter, Antiterrorism Officer, Naval Base Kitsap at (360) 396-9275, or aaron.m.rossiter1@navy.mil.

Charts: 18449 18452

LNM: 04/22

WASHINGTON – LAKE WASHINGTON SHIP CANAL – SHILSHOLE BAY – Salmon Bay Railroad Bridge notice

The Coast Guard has approved a temporary deviation from the operating schedule of the BNSF Salmon Bay Railroad Bridge (Bridge 6.3) (LLNR 18169), mile 0.1, across the Lake Washington Ship Canal in Seattle, Washington. This deviation authorizes the subject bridge to remain in the closed-to-navigation position to allow safe rail maintenance from 0900 to 1600 on 7 – 10 Feb 22. Bridge 6.3 will be able to open for emergencies with a 30 minute notice by contacting the bridge at (206) 784-2976 or VHF Ch. 13, and there is no immediate alternate route for vessels to pass. Bridge 6.3 provides 43 feet above mean high water of vertical clearance in the closed-to-navigation position. Vessels which do not require a bridge opening may continue to transit beneath the bridge during this closure period. In accordance with 33 CFR 117.35(e), the drawbridge must return to its regular operating schedule immediately at the end of the effective period of this temporary deviation. For more information contact Jeff Swanson at (425) 304-6663.

Chart 18447

LNM: 04/22

OREGON – YAQUINA HEAD TO COLUMBIA RIVER – Undersea cable maintenance (Revised from LNM 02/22)

The vessel Tuna Time II, will be providing surface support for divers conducting undersea telecommunications cable work in approximate position 45-15-01 N, 123-58-39.2 W, approximately 1100 yards off the shore near Pacific City, Oregon. Operations were previously scheduled for the first week in November, but will be completed as soon as favorable weather conditions allow. The operation will take 2-3 days with dive operations running from 0700 – 1800 daily. Tuna Time II will have limited maneuverability (being anchored) while conducting operations. All vessels in the area are requested to maintain a minimum 1 NM CPA to ensure safety of divers and navigation. Tuna Time II will monitor VHF-FM channels 16 and 13. For more information, contact (904) 397-8996 or email operations@gaeaquatic.com

Chart 18520

LNM: 03/22

WASHINGTON – GRAYS HARBOR – ABERDEEN – Bridge Notice

WSDOT will be inspecting the Chehalis River Bridge (US-101) (LLNR 15897) at Chehalis River mile 0.1, at Aberdeen, WA. The inspection will take place between 0800 and 1500 on 07 – 10 Mar 2022. The bridge will be inspected using an under-bridge inspection truck (UBIT) that occupies a portion of the roadway and extends a boom under the bridge. No impact to the navigational clearance will occur. The vertical clearance will temporarily be reduced with the UBIT bucket, but the UBIT will give way to tall marine vessels. Mariners are advised to use caution while transiting the area. UBIT bucket will display a flashing amber light on the bottom and a safety lookout will be on the bridge. Bridge openings will occur as usual. For additional information, contact Ryan Collins, P.E. at (564) 200-2085 or collinsr@wsdot.wa.gov

Chart 18502

LNM: 03/22

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 29 Jan – 01 Feb 2022. The period for this temporary deviation is for the east half of the draw closure from 2359 on 28 Jan to 0500 on 01 Feb 2022. This deviation supports equipment upgrades for the swing turret. The deviation authorizes the subject bridge to open the west half of the swing span to marine vessels. Vessels able to pass through the subject bridge in the closed-to-navigation position may do so at

any time. The Spokane Street Bridge provides 55 ft. center, 44 ft. east-west side of vertical clearance and 250 ft. of horizontal clearance in the closed-to-navigation position. While the west half of the draw is open, the bridge provides unlimited vertical clearance and 110 ft. of horizontal clearance. Vertical and horizontal clearances are referenced to mean high-water elevation. No alternate route is available on the Duwamish Waterway. In accordance with 33 CFR 117.35(e), the drawbridge must return to its regular operating schedule immediately at the end of the effective period of this temporary deviation. For additional information, contact Matthew Donahue at (206) 684-5301, or matthew.donahue@seattle.gov.

Chart 18450

LNM: 03/22

WASHINGTON – PUGET SOUND – ELLIOT BAY – DUWAMISH WATERWAY – Harbor Island dock demolition

Pacific Pile and Marine will begin a two week Pile Removal Pilot Program for King County starting Monday, 24 Jan through Friday, 04 Feb 2022. Pacific Pile will be performing marine construction demolition activities at the derelict dock site located at 3235 16th Ave. SW Seattle, WA, which is directly across the Duwamish Waterway from Terminal 5. Work will typically take place from 0700 to 1600, Monday thru Friday. Pacific Pile and Marine's Aspiration spud barge will be loaded with an excavator and crane, and a material barge will be moored alongside and will remain on site, unless it is being transloaded upriver at the LaFarge Facility. All barges will have all corners marked with steady white lights. The crane and excavator will be lofting long timber piles from the water to the barge. Mariners are requested to keep at least a 200ft clear distance. The crane and tugs will monitor VHF-FM Channel 16. For additional information, please contact Matthew Miller at (206) 715-7466 or email at MatthewM@PacificPile.com

Chart 18450

LNM: 03/22

SNAKE RIVER – LAKE SACAJAWEA – Bridge notice

The Coast Guard intends to approve a request for a temporary deviation from the operating schedule that governs the East Pasco Railroad Bridge 3.08 (LLNR 13112) across the Snake River, mile 1.5, in Burbank, WA. The subject bridge provides 14 feet of vertical clearance above ordinary high water in the closed-to-navigation position. The deviation is necessary to accommodate electrical and mechanical upgrades. Bridge 3.08 is normally maintained in the open-to-navigation position. The requested closure was scheduled to align with the Columbia River and Snake River 2022 USACE navigation lock closure. The draw closure will be from 0800 on 21 Feb 2022 to 1800 on 07 Mar 2022. During this proposed closure period the draw will not be able to open to marine vessels engaged in emergency operations. Vessels able to pass through the bridge in the closed-to-navigation position may do so at any time. Please submit objections to D13-SMB-D13-Bridges@uscg.mil by 03 Feb 2022.

Chart 18545

LNM: 02/22

WASHINGTON – PUGET SOUND – APPLE COVE TO KEYPORT – Submersible Vehicle testing

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 2022. 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: 02/22

WASHINGTON – PUGET SOUND – ELLIOT BAY – DUWAMISH WATERWAY – Terminal 5 pier construction

Orion Marine will be continuing the marine construction activities associated with the Terminal 5 Berth Modernization Project for the Port of Seattle on the Duwamish River west waterway. Phase 2 of the project includes pile installation and new pier construction for and will run through Aug 2023. Work will typically take place from 0700 to 1700, Monday thru Friday. The DB Rainier and DB St. Helens, will each have a material barge moored alongside and will always remain on site. Each floating plant will have all corners marked with steady burn white lights. The DBs will run on anchors at times so mariners are requested to keep at least a 200-foot distance. The crane and tugs will monitor VHF-FM channel 13. For additional information please contact Jesse Galligan at (253) 552-1140 or email at jgalligan@orionmarinegroup.com.

Chart 18450

LNM: 02/22

WASHINGTON – EVERETT HARBOR– SNOHOMISH RIVER– SR 529 Highway Bridge Notice

The Coast Guard intends to approve a temporary bridge deviation from the operating schedule that governs the SR 529 Highway Bridges across the Snohomish River and Steamboat Slough to support the Everett Half Marathon event from 0700 to 1100 on 27 Mar 2022. During this period, the swing spans of the SR 529 Highway Bridge (NB) (LLNR 18591.3) and the SR 529 Highway Bridge (SB) (LLNR 18591.2) across the Snohomish River, mile 3.6, at Everett, WA, and the lift spans of SR 529 Highway Bridge (NB) (LLNR 18594.11) and the SR 529 Highway Bridge (SB) (LLNR 18594.9) across Steamboat Slough, mile 1.1, at Marysville, WA, will be authorized to remain in the closed-to-navigation positions. If any mariner has any objection to the bridge span closures for the time period stated, please contact the Coast Guard District Thirteen Bridge Office by email D13-smb-D13-bridges@uscg.mil by 03 Feb 2022.

Chart 18443

LNM: 02/22

SECTION II - DISCREPANCIES

This section lists all reported and corrected discrepancies related to Aids to Navigation in this edition. A discrepancy is a change in the status of an aid to navigation that differs from what is published or charted.

DISCREPANCIES (FEDERAL AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNМ St	LNМ End
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	
765.5	NOAA Environmental Lighted Buoy 46005	LT EXT	18007	0197-20	08/20	
8655	Rogue River Entrance Buoy 1	MISSING	18601	0751-21	43/21	
10215	Miller Sands Dike Light 5	DAYMK IMCH	18521	0022-22	02/22	
11430	Fisher Quarry Channel Range Front Light	LT EXT/DAYMK MISSING	18531	0784-21	45/21	
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	
14835	Sauvie Island Junction Light	STRUCT DEST/TRLB	18524	0930-21	51/21	
15186	Willapa Bay Entrance Lighted Buoy C	MISSING	18504	0786-21	45/21	
16071.25	Hoquiam River Obstruction Buoy	MISSING/TRDBN	18502	0178-20	08/20	
16090	Quillayute River Sector Light	LT IMCH/STRUCT DMGD	18480	0848-21	47/21	
16095	Quillayute River Entrance Light 3	LT IMCH	18480	0853-21	48/21	
16136	Strait of Juan De Fuca Traffic Separation Lane Lighted Buoy JA	MISSING	18485	0828-20	47/20	
16222	Strait of Juan De Fuca Traffic Separation Lane Lighted Buoy PA	LT EXT	18465	0078-22	04/22	
16223	Race Rocks East Cautionary Lighted Buoy VG (C)	OFF STA	18465	0890-21	49/21	
16475	Point Wilson Light	LT EXT	18464	0074-22	04/22	
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	
18785	Swinomish Channel South Entrance Range Front Light	DAYMK MISSING	18427	0051-22	03/22	
19120	Swinomish Channel North Entrance Light 18	STRUCT DEST/TRLB	18427	0546-20	34/20	
19815	Boundary Pass Shoal Isolated Danger Lighted Bell Buoy DB	TMK MISSING	18431	0062-22	03/22	

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNМ St	LNМ End
740	Quillayute River Approach Lighted Whistle Buoy Q	RELIGHTED	18480	0079-22	43/21	04/22
8735	Coos Bay Entrance Lighted Bell Buoy 1	RESET ON STATION	18587	0086-22	43/21	04/22
8755	Coos Bay North Jetty Lighted Whistle Buoy 3	RESET ON STATION	18587	0085-22	43/21	04/22
9055	Ferndale Lower Range Rear Light	WATCHING PROPERLY	18587	None	04/22	04/22
9817	Tillamook Bay Entrance Lighted Bell Buoy 2	RESET ON STATION	18558	0092-22	52/21	04/22
10180	Harrington Point Range Rear Light	RELIGHTED	18521	0072-22	03/22	04/22
10900	Kalama River Light 43	RELIGHTED	18524	0070-22	03/22	04/22
11590	Tunnel Point Light 64	RELIGHTED	18531	None	04/22	04/22
11730	Warrendale Upper Range Front Light	RELIGHTED	18531	None	04/22	04/22
11800	Cascade Rapids Lower Range Rear Light	WATCHING PROPERLY	18532	None	04/22	04/22
15540	Grays Harbor Bar Range Front Light	WATCHING PROPERLY	18502	None	04/22	04/22
16075	Quillayute River Approach Lighted Whistle Buoy Q	RELIGHTED	18480	0079-22	43/21	04/22
16085	Quillayute River Entrance Lighted Buoy 2	RELIGHTED	18480	0083-22	47/21	04/22
18035	Orchard Point Light	WATCHING PROPERLY	18449	0088-22	03/22	04/22
18070	Point Glover Light 9	WATCHING PROPERLY	18449	0089-22	03/22	04/22

18080	Waterman Point Light 11	WATCHING PROPERLY	18449	0090-22	03/22	04/22
18890	Ben Ure Island Light 2	RELIGHTED	18427	0099-22	02/22	04/22
19275	Squalicum Creek Entrance Lighted Buoy 2	RESET ON STATION	18424	0105-22	52/21	04/22
19520	Rosario Strait Traffic Separation Lane Lighted Buoy C	RESET ON STATION	18430	None	04/22	04/22
19972	International Boundary Light D	RELIGHTED	18421	0096-22	03/22	04/22

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LN M St	LN M End
612	OSU Cape Arago Research Lighted Buoy	MISSING	18580	0844-21	47/21	
11247	Hayden Island Water Monitoring Lighted Buoy A	MISSING	18526	0413-21	25/21	
17044	Des Moines Marina Lighted Buoy 1	MISSING/LT EXT	18474	0762-21	44/21	
17167	Blair Waterway Light 4	LT EXT	18453	0045-22	02/22	
17551	Port Townsend Outfall Lighted Buoy	MISSING	18464	0785-21	45/21	
18387	North Leschi Breakwater Lights (5)	LT EXT	18447	0912-21	50/21	
18736	Oak Harbor Marina South Entrance Light 2	STRUCT DEST	18428	0766-21	44/21	

DISCREPANCIES (PRIVATE AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LN M St	LN M End
16218	Scripps Institute Wave Recorder Lighted Buoy 46267/248	RESET ON STATION	18465	0080-22	50/21	04/22
17920	Port Madison Regulatory Buoy A	RESET ON STATION	18473	0081-22	01/22	04/22

PLATFORM DISCREPANCIES

Name	Status	Position	BNM Ref.	LN M St	LN M End
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None

PLATFORM DISCREPANCIES CORRECTED

Name	Status	Position	BNM Ref.	LN M St	LN M 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.	LN M St	LN M End
9285	Winchester Bay Harbor Entrance Daybeacon 1	TRUB	18584	0353-21	21/21	
12980	Lake Wallula West Channel Junction Light W	TRLB	18542	0214-20	10/20	
14835	Sauvie Island Junction Light	TRLB	18524	0936-21	51/21	
16071.25	Hoquiam River Obstruction Buoy	TRDBN	18502	0534-21	32/21	
17360	Nisqually Flats Light 3	TRLB	18448	0409-21	24/21	
18050	Orchard Rocks Fish Pen Lights (3)	DISCONTINUED	18449	0894-21	50/21	
18710	Oak Harbor Light 11	TRUB	18428	0711-21	42/21	
19120	Swinomish Channel North Entrance Light 18	TRLB	18427	0573-20	35/20	

TEMPORARY CHANGES CORRECTED

None

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

SECTION IV - CHART CORRECTIONS

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

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

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

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

18457	10th Ed.	01-JAN-06	Last LNM: 23/17	NAD 83		04/22
<i>Chart Title: Puget Sound-Hammersley Inlet to Shelton</i>						
Main Panel 1718 PUGET SOUND HAMMERSLEY INLET TO SHELTON. Page/Side: N/A						
LAST EDITION No new editions of chart 18457 will be published. It will be canceled on 01-Jun-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 .						
						NOS
						--

18476	7th Ed.	01-JAN-17	Last LNM: 02/17	NAD 83		04/22
<i>Chart Title: Puget Sound-Hood Canal and Dabob Bay</i>						
Main Panel 1942 PUGET SOUND HOOD CANAL AND DABOB BAY. Page/Side: A						
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 https://www.charts.noaa.gov/MCD/Dole.shtml .						
						NOS
						--

18525	38th Ed.	01-JUL-16	Last LNM: 51/21	NAD 83		04/22
<i>Chart Title: Columbia River Saint Helens to Vancouver</i>						
Main Panel 1742 COLUMBIA RIVER SAINT HELENS TO VANCOUVER. Page/Side: A						
RELOCATE		Post Office Range Front Light and Change height to 32ft.			CGD13 from 45-37-47.072N to 45-37-42.501N	122-47-37.967W 122-47-36.404W

18526	61st Ed.	01-OCT-20	Last LNM: 40/20	NAD 83		04/22
<i>Chart Title: Port of Portland, Including Vancouver; Multnomah Channel-southern part</i>						
CHART OR - PORT OF PORTLAND, INCLUDING VANCOUVER. Page/Side: N/A						
RELOCATE		Post Office Range Front Light and Change height to 32ft.			CGD13 from 45-37-47.072N to 45-37-42.501N	122-47-37.967W 122-47-36.404W

18527	24th Ed.	01-AUG-16	Last LNM: 36/16	NAD 83	04/22
<i>ChartTitle: Willamette River-Swan Island Basin</i>					
Main Panel 1745 SWAN ISLAND BASIN WILLAMETTE RIVER. Page/Side: A					
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 https://www.charts.noaa.gov/MCD/Dole.shtml .					
				NOS	--
18528	11th Ed.	01-JUL-08	Last LNM: 39/15	NAD 83	04/22
<i>ChartTitle: Willamette River Portland to Walnut Eddy</i>					
Main Panel 1746 WILLAMETTE RIVER PORTLAND TO WALNUT EDDY. Page/Side: N/A					
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 https://www.charts.noaa.gov/MCD/Dole.shtml .					
				NOS	--
18529	11th Ed.	01-JUN-18	Last LNM: 38/08	NAD 83	04/22
<i>ChartTitle: Willamette River Walnut Eddy To Newburg</i>					
Main Panel 1748 WILLAMETTE RIVER WALNUT EDDY TO NEWBURG - -. Page/Side: -					
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 https://www.charts.noaa.gov/MCD/Dole.shtml .					
				NOS	--
18551	8th Ed.	01-FEB-04	Last LNM: 18/17	NAD 83	04/22
<i>ChartTitle: FRANKLIN D. ROOSEVELT LAKE Southern part</i>					
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 .					
				NOS	--
18553	7th Ed.	01-APR-04	Last LNM: 18/17	NAD 83	04/22
<i>ChartTitle: FRANKLIN D. ROOSEVELT LAKE Northern part</i>					
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 .					
				NOS	--
18556	26th Ed.	01-JUN-12	Last LNM: 18/14	NAD 83	04/22
<i>ChartTitle: Nehalem River</i>					
Main Panel 1787 NEHALEM RIVER. Page/Side: N/A					
LAST EDITION No new editions of chart 18556 will be published. It will be canceled on 01-Jun-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 .					
				NOS	--
18587	71st Ed.	01-APR-11	Last LNM: 43/19	NAD 83	04/22
<i>ChartTitle: Coos Bay</i>					
Main Panel 1796 COOS BAY. Page/Side: N/A					
RELOCATE	South Slough Light 4 and Change height to 17ft.			CGD13 from 43-21-10.309N to 43-21-11.443N	124-19-07.566W 124-19-07.984W
18589	16th Ed.	01-OCT-07	Last LNM: 38/17	NAD 83	04/22
<i>ChartTitle: Port Orford to Cape Blanco;Port Orford</i>					
Main Panel 1798 PORT ORFORD TO CAPE BLANCO. Page/Side: N/A					
LAST EDITION No new editions of chart 18589 will be published. It will be canceled on					
				NOS	--

01-Jun-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

Approved Project(s)

None

Project Date

Ref. LNM

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 18581

LNM: 36/21

OREGON – YAQUINA BAY – Construction of fixed Aids to Navigation

The U.S. Coast Guard is rebuilding wooden and damaged aids to navigation in Yaquina Bay during the winter of 2021. The following aids to navigation are being rebuilt:

Yaquina Inner Range Front Light (LLNR 9620), being rebuilt at 44-37-44.145N 124-02-49.311W (WGS84)
Yaquina Inner Range Rear Light (LLNR 9625), being rebuilt at 44-37-47.998N 124-02-54.661W (WGS84)

A Broadcast Notice to Mariners will be issued for each structure upon rebuilding. Mariners are encouraged to share comments on this change and 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.

Chart 18581

LNM: 48/21

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 was issued to announce 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

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 winter of 2021. The following aids to navigation are being rebuilt:

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)
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.
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 15444), 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.

The following aids to navigation have been rebuilt:

Willapa River Channel Light 59 (LLNR 15385) rebuilt at 46-40-45.530N 123-45-57.681W (WGS84)
South Willapa Bay Daybeacon 8 (LLNR 15415), being rebuilt at 46-35-42.431N 123-58-53.484W (WGS84)
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), rebuilt at 46-38-53.664N 123-57-05.526W (WGS84)
Palix River Channel Light 15 (LLNR 15525) 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: 04/22

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

WASHINGTON – STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA AND PUGET SOUND – Construction of fixed Aids to Navigation

The U.S. Coast Guard is rebuilding wooden and damaged aids to navigation in the Salish Sea, from Anacortes to Olympia during the winter of 2021. The following aid to navigation remains to be rebuilt:

Swinomish Channel North Entrance Light 18 (LLNR 19120), being rebuilt at 48-28-39.076N 122-31-51.043W (WGS84)

A Broadcast Notice to Mariners will be issued for each structure upon rebuilding. Mariners are encouraged to share comments on this change and 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 Puget Sound.

Charts: 18427 18448 18456 18457 18464

LNM: 03/22

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

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

Proposed Change Notice(s)

COLUMBIA RIVER - WILLAPA BAY -GRAYS HARBOR –PUGET SOUND – Replacement of incandescent Lights with LED lanterns

The U.S. Coast Guard is proposing to replace the following incandescent lantern with LED lanterns at sites on the Columbia River, Willapa Bay, Grays Harbor, Bellingham Channel and Eagle Harbor. These current incandescent lanterns have a single or dual beam of high intensity, with an all-around light of reduced intensity. The change to a LED lantern will remove the high intensity beams, but significantly increase the intensity of the all-around light. The proposed sites are:

Svensen Island Light 12 (LLNR 14775) the high intensity beam will be removed and the intensity of the light will be increased.

Willapa River Light 39 (LLNR 15340) the high intensity beams will be removed and the intensity of the light will be increased.

South Willapa Bay Light 7 (LLNR 15410) the high intensity beam will be removed and the intensity of the light will be increased.

Long Island Junction Light (LLNR 15435) the high intensity beam will be removed and the intensity of the light will be increased.

Aberdeen Harbor Light 3 (LLNR 15900) the high intensity beam will be removed and the intensity of the light will be increased.

Johns River Entrance Light 8 (LLNR 15955) the high intensity beams will be removed and the intensity of the light will be increased.

Eagle Harbor Light 4 (LLNR 18010) the high intensity beam will be removed and the intensity of the light will be increased.

Bellingham Channel Light 5 (LLNR 19175) the high intensity beams will be removed and the intensity of the light will be increased.

Mariners are encouraged to share comments on the performance and operation of these lights as aids to navigation. All comments should be sent to the email address D13-PF-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: 18421 18441 18502 18504 18523

LNM: 04/22

SECTION VII - GENERAL

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

SUMMARY OF BRIDGE LIGHTING DISCREPANCIES AND CORRECTIONS

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

LNM: 04/22

SUMMARY OF DREDGING OPERATIONS

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

LNM: 04/22

SUMMARY OF MARINE EVENTS

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

LNM: 04/22

OREGON – CAPE BLANCO TO YAQUINA HEAD – Scientific equipment installation

Oregon State University (OSU) has installed four, 1-mile long, 10-inch diameter, steel conduits under the seafloor running out from Driftwood Beach State Recreation Site near Seal Rock, Oregon, as part of the construction of the PacWave South Wave Energy Test Site. In mid-2023, subsea cables will be installed in the conduits to carry power and data from the test site to shore. Until the cables are installed, the seaward end of the conduits may protrude up to 3 feet vertically and 10 feet horizontally from the seafloor depending on sand movement. Once the cables are installed, the final placement of the conduits will be below the seafloor. The conduit punch outs are located approximately 1500 yards offshore from Driftwood Beach, which is between Seal Rocks and Waldport.

Until the subsea cables are installed, mariners are requested to avoid anchoring or setting fishing gear in a 1,000 x 1,500-foot Conduit Punch Out Area around the conduit exit locations due to risk of snagging on any exposed conduit. The location of the Conduit Punch Out Area was shown in the graphic attached as Enclosure (4) to LNM 52/21. If crab pots, or other equipment, becomes snagged in this area, mariners are asked to contact OSU prior to attempting to recover the snagged items. For more information contact Brett Hembrough at (541) 737-9023 and brett.hembrough@oregonstate.edu, or Dan Hellin at (541) 745-8337 and dan.hellin@oregonstate.edu.

Chart 18580

LNM: 49/21

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 – 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. 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:

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

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

LNM: 42/21

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

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
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

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

LNM: 41/21

SNAKE RIVER – LAKE SACAJAWEA AND LAKE HERBERT G. WEST – Upstream floating guidewall restrictions (Revised from LNM 10/21)

Repairs at the Ice Harbor Lock and Dam and the Little Goose Lock and Dam upstream floating guide walls are now completed, so all restrictions regarding the use of the floating guide wall are now lifted. However, restrictions still apply at the following project:

- 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. 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

LNM: 04/22

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), set on 1/13/2022
Desdemona Sands Lighted Buoy 22 (LLNR 9990), set on 1/13/2022
Hood River Lighted Buoy 36 (LLNR 11932), set on 12/14/2021
Bonneville Pool Lighted Buoy 69 (LLNR 12130)
Lake Celilo Buoy 45 (LLNR 12360), set on 9/28/2021
Lake Wallula Lighted Buoy 2 (LLNR 12815), set on 10/04/2021
Snake River Buoy 14 (LLNR 13195), set on 9/30/2021
Snake River Buoy 18 (LLNR 13210)
Elk Rock Buoy 10 (LLNR 15005), reset on 1/06/2022
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), set on 12/16/2021

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: 18502 18533 18545

LNM: 03/22

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.

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

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

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

LNM: 30/21

OREGON – WILLAMETTE RIVER – WALNUT EDDY TO NEWBERG – Marine construction exposed piles

Harbor Offshore, Inc. has completed the first phase of a construction project which included pile driving operations in the vicinity of the Raw Water Pump Station on the Willamette River near Wilsonville, OR. There are a total of six 14x89 H-Pile installed in an East-West Row that remain above waterline in approximate position 45-17-36.96 N, 122-46-57.96 W. All vessel traffic should be aware of these pilings when navigating in this area. The piles are planned to remain in their current configuration exposed above the waterline until June 2022. For additional information, please contact Lauren Collins at (707) 389-0678 or lcollins@harboroffshoreinc.com.

Chart 18528

LNM: 49/21

IDAHO – LAKE COEUR D'ALENE – LAKE PEND OREILLE – BNSF Railroad Bridge construction update

BNSF Railway Company (BNSF) is continuing construction on the new BNSF Railroad Bridge 3.9 (LLNR 20087) located over Lake Pend Oreille (LPO) Mile 2.7, located approximately at 48-16-20 N, 116-32-39 W, in Sandpoint, ID from the start of LPO winter draw-down levels as of 01 Oct 2021 through the start of LPO summer fill-up beginning 01 May 2022. This notice reflects updates to the next project phase work activities required due to the seasonal fluctuation of LPO water levels. Work barges will be staged along the work corridor with support from upland staging areas, primarily from the south shore of LPO, near East Algoma along the BNSF right-of-way (ROW). Hours of construction activities will generally be 0730 to 1600, Monday to Saturday. An Ames-owned tugboat, Audrey B, will position barges and provide other on-water support within the BNSF 200' ROW west of the existing BNSF Bridge 3.9. The Audrey B can be hailed on VHF-FM channels 13 and 16. One of the two published navigation channels at the existing BNSF Bridge 3.9 spans 67 and 68 and half of the existing spans 2 and 3; 14 through 17; 27 through 30; 40 through 43; 53 through 56; 84; and 95 through 97 will remain unobstructed during all work activities. Vertical clearance of the existing bridge will be unchanged. The temporary work trestles and work barges will have navigation lights and work zone buoys in accordance with the Navigation Rules (COLREGS-Inland). Enclosure (4) of LNM 02/22 displayed the project vicinity, locations of high and low-water work areas, for this phase of the work activities. Changes to the work locations and activities will be updated by a subsequent LNM in the Spring of 2022. During all phases and locations, the noted navigational buoy-safety lighting for the work areas will be in place. The point of contact for the bridge contractor, Ames Construction, Inc. is Mike Pamperin at (612) 741-6535; MikePamperin@amesco.com. For additional information contact the BNSF Project Manager, Ryan Kopera at (913) 284-3467; Ryan.Kopera@BNSF.com.

Chart 18554

LNM: 51/21

WASHINGTON – PUGET SOUND – APPLE COVE TO KEYPORT – Acoustic research buoy

SMRU Consulting will be testing one acoustic buoy in a location just offshore of Spring Beach near Shoreline from 15 December 2021 until 20 March 2022. A Buoy 2 foot in diameter will be located in approximate position 47-44-18.524 N, 122-23-03.563 W. The buoy will be monitoring underwater acoustic noise and will be in operation (unmanned) 24 hours a day and marked with a FL Y 6s (flashing yellow six second) light. Mariners are requested to keep a safe distance from the buoy. For additional information, contact Jason Wood at (360) 298-0166 or jw@smruconsulting.com.

Chart 18446

LNM: 48/21

WASHINGTON – PUGET SOUND – APPLE COVE TO POINT KEYPORT – Temporary research lighted buoys

NOAA's Pacific Marine Environmental Laboratory deployed two temporary research lighted buoys between Meadows Point and Point Wells to the east of the TSL in approximate positions:

47-42-33.02 N, 122-23-47.58 W

47-43-25.62 N, 122-24-04.62 W

The buoys are yellow with gray sides, 4' x 4' in size, and marked with a flashing yellow four seconds (FL Y 4s) light. For more information, contact Cabot Zucker at (561) 972-0930 or email at cabot.zucker@noaa.gov.

Charts: 18446 18473

LNM: 49/21

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 – 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 – 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 – POINT ROBERTS – Acoustic research buoy

SMRU Consulting will be testing an acoustic buoy in a location off the western side of Point Roberts, from 07 Dec 2021 until 18 Mar 2022. A buoy 2 foot in diameter will be located in approximate position 48-59-08.9 N, 123-06-07.8 W, which is approximately 1400 yards offshore and 1700 yards south of the US-Canada border. The buoy will be monitoring underwater acoustic noise, will be in operation (unmanned) 24 hours a day, and

WASHINGTON – STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA – POINT ROBERTS – Acoustic research buoy
 marked with a FL Y 6s (flashing yellow six second) light. No VHF-FM channels will be used. Mariners are requested to keep a safe distance from the buoy. For additional information, contact Jason Wood at (360) 298-0166 or jw@smruconsulting.com.

Chart 18421

LNM: 44/21

OREGON – IDAHO – GPS testing

US Strategic Command has proposed GPS testing encompassing a large portion of eastern Oregon and southwestern Idaho, during the first week of February. The center point of the test will be near Mountain Home AFB, Idaho, at position 42-44-46.6 N, 115-37-02.1 W, with a radius of 194 NM. The GPS navigation signal may be unreliable due to testing on GPS frequencies used by shipboard navigation and handheld systems. Systems that rely on GPS, such as e-911, AIS and DSC, may be affected. The testing frequencies will be GPS L1 and L2. Testing dates and times are as listed below, using Universal Time Coordinated (UTC) or Zulu time:

- 31 JAN 22 / 1500Z - 2359Z
- 01 FEB 22 / 2100Z - 2259Z
- 02 FEB 22 / 2100Z - 2259Z
- 03 FEB 22 / 2100Z - 2259Z
- 04 FEB 22 / 1500Z - 2259Z
- 05 FEB 22 / 0000Z - 2359Z
- 06 FEB 22 / 0000Z - 2359Z
- 07 FEB 22 / 0000Z - 0500Z

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

LNM: 52/21

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

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

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

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

LNM: 10/21

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
9145	SOUTH SLOUGH LIGHT 4	43-21-11.443N 124-19-07.984W	Fl R 4s	17	4	TR on pile.	04/22
14895	* POST OFFICE RANGE FRONT LIGHT	* 45-37-42.501N 122-47-36.404W	Q W	32		* KRB on multi-pile structure.	Visible all around; higher intensity 1.5° each side of rangeline. 04/22
14900	POST OFFICE RANGE REAR LIGHT	* 45-37-53.964N 122-47-40.287W	Iso W 6s	51		* KRB on skeleton tower.	Visible 14° each side of range line. 04/22
	398 yards, 346.7° from front light.						
	*						

ENCLOSURES

Enclosure 1

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

LNM: 04/22

Enclosure 2

OREGON - WASHINGTON - COLUMBIA RIVER - Summary of Dredging Operations

LNLM: 04/22

Enclosure 3

OREGON - WASHINGTON - COLUMBIA RIVER - Summary of Marine Events

LNLM: 04/22

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
OREGON COAST						
None						
COLUMBIA RIVER						
None						
SNAKE RIVER						
None						
WILLAMETTE RIVER						
None						
WASHINGTON COAST						
None						
PUGET SOUND						
	18340	SR-520 Evergreen Point Highway Bridge	Seattle, WA	West channel, green center light extinguished	12/13/2021	0908-21
	18398	I-90 Highway Bridge (east channel)	Seattle, WA	Green center light extinguished	12/13/2021	0909-21
	18594.11	SR-529 Highway Bridge (NB)	Everett, WA	Stuck in the closed to navigation position	1/25/2022	0103-22
IDAHO						
	20070	Trail of the Coeur d'Alenes RR Bridge	Chatcolet, ID	Multiple lights extinguished and/or operating intermittently	11/9/2021	None
BRIDGE CORRECTIONS						
Waterway	Light List	Bridge Name	Location	Status	Date Reported	BNM
OREGON COAST						
None						
COLUMBIA RIVER						
None						
SNAKE RIVER						
	13113.5	SR-12 Bridge (WB)	Burbank, WA	Lighting watching properly	1/24/2022	None
WILLAMETTE RIVER						
None						
WASHINGTON COAST						
None						
PUGET SOUND						
None						
IDAHO						
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
7-Jan-22	24-Feb-22	24 Hrs / Mon-Fri	Columbia River; Port of Ilwaco Boat Basin	Port of Ilwaco Dredge	Port Skiff	VHF-FM 16 & 69	Ashore	51/21
1-Nov-21	28-Feb-22	24 Hrs / Mon-Fri	Columbia River; Port of Astoria Piers 1-3 (RM 13)	M/V Felkins	None	VHF-FM 13 & 16	Ashore	44/21
3-Jan-22	28-Feb-22	24 Hrs / Mon-Fri	Columbia River; Port of Astoria W Mooring Basin (RM 13.5)	Bergerson Const	None	VHF-FM 13 & 16	I-W via pipeline	01/22
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	49/21
17-Jan-22	6-Feb-22	0800-1700 7 Days	Columbia River: N Portland Harbor, Tomahawk Marina	Underwater Earth Movers	None	VHF-FM 13 & 16	CR RM 106 OR side	01/22
1-Feb-22	25-Feb-22	0600-1800 Mon-Sat	Columbia River; Rivershore Drive Marina (RM114.3)	Dredge #6	Rossisle	VHF-FM 13 & 80	Holgate Slough	04/22
1-Dec-21	14-Feb-22	24 Hrs / 7 Days	Grays Harbor; Cow Point	M/V Sea Horse	Rochelle, WJ Marston, Robert L	VHF-FM 13, 16 & 67	Pt Chehalis, South Jetty	04/22
3-Jan-22	7-Feb-22	24 Hrs / 7 Days	Puget Sound; Snohomish River (RM 1.5 - 10th Street Boat Launch Facility)	M/V Snohomish M/V Palouse	Lummi Island	VHF-FM 13 & 16	Port Gardner	51/21
12-Jan-22	27-Jan-22	24 Hrs / 7 Days	Puget Sound; Snohomish River (RM 1.5 - west side of federal channel)	M/V Lash IV	None	VHF-FM 68	TBD	02/22
18-Jan-22	24-Jan-22	24 Hrs / 7 Days	Puget Sound; Elliott Bay / Duwamish River	Orion 1601	Orion 2001 Orion 152	VHF-FM 13 & 16	DNR Elliott Bay Disp	02/22
11-Dec-21	15-Feb-22	24 Hrs / 7 Days	Puget Sound; Duwamish River Turning Basin	M/V Mukilteo	Lummi	VHF-FM 13 & 16	DNR Elliott Bay Disp	47/21

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
12-Feb-22	1000-1400	9th Annual PNWORCA Small Boat Winter Series Race #3	Port of Kalama, WA proceeding counterclockwise around Sand Island to south end of island around channel marker and return to Start/Finish
26-Mar-22	0830-1530	Awakening of the dragon Eye Dotting Ceremony	Willamette River between Marquam and Hawthorne Bridges in Portland, OR
23-Apr-22	0730-1330	Rusty Iron	Columbia River; Frenchmans Bar Regional Park, Vancouver, WA around Caterpillar Island and back
29-Apr-22	0800-1900	Strong Racing Hydroplane Testing	Columbia River, Pasco, WA
18-May-22	0630-1530	Columbia River Splash 2022	Columbia river mile 111 Near West End of Lemon Island, Portland, OR
21-Jun-22	0900-1800	Columbia Gorge Racing Association RS Aero World Championship	Columbia River between Cascade Locks, OR and Stevenson, WA
22-Jun-22	0900-1800	Columbia Gorge Racing Association RS Aero World Championship	Columbia River between Cascade Locks, OR and Stevenson, WA
23-Jun-22	0900-1800	Columbia Gorge Racing Association RS Aero World Championship	Columbia River between Cascade Locks, OR and Stevenson, WA
24-Jun-22	0900-1800	Columbia Gorge Racing Association RS Aero World Championship	Columbia River between Cascade Locks, OR and Stevenson, WA
24-Jun-22	0730-1930	Richland Regatta	Columbia River between Cascade Locks, OR and Stevenson, WA
25-Jun-22	0900-1800	Columbia Gorge Racing Association RS Aero World Championship	Columbia River between Cascade Locks, OR and Stevenson, WA
25-Jun-22	0730-1930	Richland Regatta	Columbia River, Kennewick, WA
26-Jun-22	0900-1800	Columbia Gorge Racing Association RS Aero World Championship	Columbia River between Cascade Locks, OR and Stevenson, WA
26-Jun-22	0730-1100	Portland Sharkfest Swim	Willametter River from Portland Fire and Rescue Station 21 to Duckworth dock
26-Jun-22	0730-1930	Richland Regatta	Columbia River, Kennewick, WA
27-Jun-22	0900-1800	Columbia Gorge Racing Association RS Aero World Championship	Columbia River between Cascade Locks, OR and Stevenson, WA
28-Jun-22	0900-1800	Columbia Gorge Racing Association RS Aero World Championship	Columbia River between Cascade Locks, OR and Stevenson, WA
29-Jun-22	0900-1800	Columbia Gorge Racing Association RS Aero World Championship	Columbia River between Cascade Locks, OR and Stevenson, WA
30-Jun-22	0900-1800	Columbia Gorge Racing Association RS Aero World Championship	Columbia River between Cascade Locks, OR and Stevenson, WA
1-Jul-22	0900-1800	Columbia Gorge Racing Association RS Aero World Championship	Columbia River between Cascade Locks, OR and Stevenson, WA
19-Jul-22	0800-1800	Columbia Gorge Racing Association US Optimist National Championship	Columbia River between Cascade Locks, OR and Stevenson, WA

MARINE EVENTS

Enclosure (3)

20-Jul-22	0800-1800	Columbia Gorge Racing Association US Optimist National Championship	Columbia River between Cascade Locks, OR and Stevenson, WA
21-Jul-22	0800-1800	Columbia Gorge Racing Association US Optimist National Championship	Columbia River between Cascade Locks, OR and Stevenson, WA
22-Jul-22	0800-1800	Columbia Gorge Racing Association US Optimist National Championship	Columbia River between Cascade Locks, OR and Stevenson, WA
23-Jul-22	0800-1800	Columbia Gorge Racing Association US Optimist National Championship	Columbia River between Cascade Locks, OR and Stevenson, WA
24-Jul-22	0800-1800	Columbia Gorge Racing Association US Optimist National Championship	Columbia River between Cascade Locks, OR and Stevenson, WA
6-Aug-22	1030-1630	Smoke on the Water Hobie Cat Regatta	Columbia River, Skamokawa, WA
7-Aug-22	1030-1630	Smoke on the Water Hobie Cat Regatta	Columbia River, Skamokawa, WA

SECTOR PUGET SOUND MARINE EVENTS

EVENT DATE	TIME	EVENT NAME	EVENT LOCATION
31-Jan-22	1300-1500	34th Goosebumps 2022 Race Series	Lake Union
5-Feb-22	1000-1630	Harbor Series 2	East Passage, Dalco Passage, Commencement Bay
5-Feb-22	1000-1300	Sound Rowers' LaConner Race	Swinomish Channel, LaConner
6-Feb-22	1200-1600	Milltown Sailing Assn - Winter Series Sailboat Race	Port Gardner and Possession Sound
6-Feb-22	1300-1500	34th Goosebumps 2022 Race Series	Lake Union
12-Feb-22	1000-1630	Harbor Series 3	East Passage, Dalco Passage, Commencement Bay
12-Feb-22	1000-1700	OIYC Shaw Island Winter Classic	Circumnavigate Orcas Island
13-Feb-22	0900-1300	Round the Light Race	Shilshole and Elliot Bay
13-Feb-22	1300-1500	34th Goosebumps 2022 Race Series	Lake Union
19-Feb-22	1100-1500	Annual BYC Heavy Weather Predicted Navigation Contest	Sinclair Inlet, Rich Passage and Port Washington Narrows
19-Feb-22	0830-1800	Girts Rekevics Foulweather Race	Fidalgo Bay Anacortes to Friday Harbor San Juan Island
20-Feb-22	1200-1600	Milltown Sailing Assn - Winter Series Sailboat Race	Port Gardner and Possession Sound
20-Feb-22	1300-1500	34th Goosebumps 2022 Race Series	Lake Union
26-Feb-22	0900-1300	BBOP Winter Series Small Boat Race	Bellingham Bay
26-Feb-22	1030-2000	Freshwater Regatta	Northern Portion of Lake Washington, starting from the Kirkland Public Dock
26-Feb-22	1200-1500	Shipwright's Regatta	Port Townsend Bay