



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

LOCAL NOTICE TO MARINERS

District: 13

Week: 05/21

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

COMDTPUB P16502.6, Light List Volume VI, 2021 Edition, and Coast Pilot Volume 10, 2020 Edition.
Light List Volume VI, 2021 Edition is available at https://www.navcen.uscg.gov/pdf/lightLists/LightList_V6_2021.pdf
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). LNM's and other navigation notices can be obtained via e-mail subscription through the USCG Navigation Center website:

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

In addition, the NIS investigates all reports of degradation or loss of GPS or DGPS service. Mariners are encouraged to report all degradation of radio navigation services to the NIS via any of the following: Phone: (703) 313-5900 or Email: webmaster@navcen.uscg.mil, or on the World Wide Web: <https://www.navcen.uscg.gov/?pageName=gpsUserInput>

BROADCAST NOTICE TO MARINERS

Urgent marine navigational and weather information is broadcast over VHF channel 22A (157.1 MHz). Broadcasts are first announced over the distress, safety and calling channel 16 before they are made. All ships in U.S. waters over 20 meters in length are required to monitor VHF channel 16, and must have radios capable of tuning to the VHF simplex channel 22A.

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

Originating Unit CGD THIRTEEN	Beginning BNM D13-0098-21	Ending BNM D13-0114-21
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ABBREVIATIONS

A through H

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

I through O

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

P through Z

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

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

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

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

Additional Abbreviations Specific to this LNM Edition:

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

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

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

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

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 inspection

WSDOT Bridge Preservation Office will be performing a regular scheduled biannual inspection of Deception Pass Bridge over Deception Pass between the hours of 0700 - 1600 on 27 - 28 of Feb 2021. The Bridge will be inspected by deploying two under-bridge inspection trucks (UBITs) from top of bridge deck closing one lane at a time of two-lane highway on eastbound (south side) and westbound (north side). Top of bridge elevation per plans is 180.58 The maximum reach for each of the two UBITs is approximately 60 ft. leaving approximately 120 ft. of vertical clearance above mean sea level. UBITs have a flashing amber strobe light mounted to the bottom of each bucket. Mariners are advised to not transit directly below the UBIT buckets if possible. For more information, contact Andrew Easley, S.E. at (206) 423-8907 or easleya@wsdot.wa.gov.

Charts: 18421 18427

LNM: 05/21

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

WSDOT will re-start the cleaning, painting and repairing of the bridges over Deception Pass and Canoe Pass south of Anacortes. The work is expected to begin at 0600 on 01 Mar 2021 and be complete by 2000 on 30 Nov 2021. Deception Pass Bridge has a vertical clearance of 144 feet and Canoe Pass Bridge has a vertical clearance of 154 feet over the water. A full containment system will be attached to the bridge 24-hours a day. No in water work will be conducted, although one support vessel will be needed for worker safety. Mariners are advised to use caution while transiting the area. For further information on this project contact the Project Engineer, Shane Spahr, at 360-848-7103 or SpahrS@wsdot.wa.gov

Charts: 18421 18427

LNM: 05/21

OREGON – APPROACHES TO YAQUINA AND DEPOE BAY – Bridge construction notice

ODOT is conducting bridge concrete repairs to the Yaquina Bay Highway 101 Bridge (LLNR 9627) in Newport, OR, at Yaquina Bay mile 0.7. Construction will continue through the summer of 2024. Work is primarily concentrated on the portions of the bridge over land on the south side of Yaquina Bay. Repairs will progress from south to north and over the bay. The main navigational channel will not be impeded by the project as that section is made of steel. Concrete portions will be encased by scaffolding and containment that will not hang more than 10-feet below concrete components. There is no work on the concrete piers supporting the steel structure over the main navigational channel. Construction over the bay will be limited to the area between the south shore, north to the pier where concrete and steel meet. Most construction work will take place during the daylight hours, however, there will be intermittent work at night to install scaffolding when US 101 lane closures are allowed. Mariners are requested not to loiter under the construction area due to fall hazards. For more information, contact Steven Schultz, ODOT P.E. at (541) 979-8349 or Steven.Schultz@ODOT.State.OR.US.

Chart 18561

LNM: 04/21

OREGON – PORT OF PORTLAND – WILLAMETTE RIVER – Bridge deviation

The Coast Guard has approved a request for a draw bridge temporary deviation from the operating schedule that governs the St. Johns Railroad Bridge (LLNR 14927.5), AKA Bridge 5.1, across the Willamette River at mile 6.9 at Portland, Oregon. The bridge need not open for maritime traffic

from 0900 to 1500 daily during 08 – 12 Mar 2021. The bridge cannot open for emergencies during the deviation times. No alternate routes exists on this part of the Willamette River. Vessels able to pass through the bridge in the closed-to-navigation position may do so at any time. The subject bridge provides 54 feet of vertical clearance in the closed-to-navigation position. 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. The bridge shall operate in accordance to 33 CFR §117.5 at all other times. For more information regarding the bridge operation, contact Jeff Swanson at jeff.swanson@bnsf.com.

Chart 18526

LNM: 04/21

COLUMBIA RIVER – LAKE CELILO – Bridge deviation

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

Chart 18533

LNM: 04/21

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

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

Chart 18458

LNM: 04/21

WASHINGTON – LAKE WASHINGTON SHIP CANAL – UNION BAY REACH – Bridge notice

The Coast Guard intends to 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. The draw of the Montlake Bridge need not open to mariners from 0700 on 09 Aug 2021 to 1900 on 30 Sep 2021. The subject bridge will open to marine traffic twice per day at 1000 and 1700, and remain open until all waiting vessels have passed through the bridge. The bridge need not open to vessels over 1000 tons or vessels being towed over 1000 tons. On 04 – 06 Sep 2021, the draw will be able to open at any time upon request per 33CFR§117.1051. This temporary deviation is in support of a mechanical rehabilitation project. The Montlake Bridge in the closed-to-navigation position provides 30 feet of vertical clearance, 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 able to pass through the bridge in the closed-to-navigation position may do so at any time. The bridge will be able to open for emergencies on 04 – 06 Sep 2021 only, and there is no alternate route for vessels to pass. If anyone has objections to this temporary deviation, please reply by 10 Feb 2021 at d13-smb-d13-bridges@uscg.mil.

Chart 18447

LNM: 04/21

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

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

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

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

Chart 18444

LNM: 04/21

OREGON - WASHINGTON – IDAHO – 2021 Light List now available

The 2021 edition of Light Lists are 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 of Light List corrections and NAVCEN will continue to publish a compilation of corrections. Complete versions of the 2021 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 2021 Light List corrections are available at: <https://www.navcen.uscg.gov/?pageName=lightListCorrections>.

LNM: 03/21

OREGON – COOS BAY – EMPIRE – Underwater drilling operations

GRI will be conducting drilling operations from a barge within Coos Bay for the City of Coos Bay's Empire boat ramp debris boom replacement project. The project is located near the City's Empire boat ramp debris boom in Coos Bay, Coos County, Oregon at Latitude/Longitude: 43-23-34.8N, 124-16-50.5 W. The drilling operations are scheduled for Monday, 01 Feb through Wednesday, 03 Feb 2021 between the hours of 0700 - 1700. For additional information, contact Brian Bayne at (503) 641-3478 or bbayne@gri.com.

Chart 18587

LNM: 02/21

WASHINGTON – STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA – MIDDLE BANK – Acoustic research buoys

SMRU Consulting will be testing an acoustic buoy in the Middle Bank area south of San Juan Island, from 27 Jan to 05 Mar 2021. The buoy will be monitoring underwater acoustic noise, and will be located in approximate position 48-23-6.1728N, 123-7-28.7112W. The buoy is 2-foot diameter, yellow in color, marked with a FL Y 6s light (flashing yellow six seconds). Mariners are requested to keep a safe distance from the buoy. For additional information, contact Jason Wood at (306) 298-0166 or email jw@smruconsulting.com.

Chart 18421

LNM: 02/21

WASHINGTON – PUGET SOUND – STILLAGUAMISH RIVER – Bridge notice

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

Chart 18441

LNM: 02/21

SECTION II - DISCREPANCIES

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

DISCREPANCIES (FEDERAL AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
665	Cape Kiwanda Whistle Buoy CK	MISSING	18520	0020-21	02/21	
689	NOAA Environmental Lighted Buoy 46089	MISSING	18003	0695-20	41/20	
756	Strait of Juan De Fuca Traffic Separation Lane Lighted Buoy JA	MISSING	18485	0828-20	47/20	
765.45	DART Tsunami Warning Lighted Buoy 46452	ADRIFT	18003	1009-18	49/18	
765.5	NOAA Environmental Lighted Buoy 46005	LT EXT	18007	0197-20	08/20	
8635	Chetco River Entrance Light 9	STRUCT DEST/TRLB	18602	0248-19	15/19	
9451	Siuslaw River North Jetty Light 3	STRUCT DEST/LT EXT	18583	0023-21	02/21	
9590	Yaquina Bay Entrance Lighted Gong Buoy 1	MISSING	18581	0059/0061-21	03/21	
9817	Tillamook Bay Entrance Lighted Bell Buoy 2	MISSING	18558	0873-20	51/20	
9935	Clatsop Spit Lighted Whistle Buoy 8	MISSING	18521	0872-20	51/20	
10735	Fisher Island Channel Lighted Buoy 10	LT EXT	18524	0087-21	04/21	
12980	Lake Wallula West Channel Junction Light W	STRUCT DEST/TRLB	18542	0208-20	09/20	
14435	Baker Bay West Channel Daybeacon 7	STRUCT DEST/TRUB	18521	0739-17	35/17	
14620	Sand Island Upper Dike Light 5	LT EXT	18521	0113-21	05/21	
15005	Elk Rock Buoy 10	OFF STA	18528	0084-21	04/21	
15010	Elk Rock Buoy 12	OFF STA	18528	0085-21	04/21	
15040	Oswego Rock Daybeacon	STRUCT DEST/TRUB	18528	0394-17	20/17	
15210	Willapa Bay Entrance Light 13	STRUCT DEST	18504	0839-16	38/16	
16071.25	Hoquiam River Obstruction Buoy	MISSING	18502	0178-20	08/20	
16085	Quillayute River Entrance Lighted Buoy 2	LT IMCH	18480	0040-21	03/21	

16136	Strait of Juan De Fuca Traffic Separation Lane Lighted Buoy JA	MISSING	18485	0828-20	47/20
17075	Puget Sound Traffic Separation Lane Lighted Buoy TB	LT EXT	18474	0114-21	05/21
19120	Swinomish Channel North Entrance Light 18	STRUCT DEST/TRLB	18427	0546-20	34/20
19430	Blakely Island Shoal Lighted Isolated Danger Buoy DS	LT EXT	18430	0103-21	05/21
19540	Iceberg Point Light 2	DAYMK IMCH	18429	0002-21	01/21
19974	International Boundary Light F	DAYMK MISSING	18421	0719-20	42/20
19975	International Boundary Light G	LT EXT/DAYMK MISSING	18421	0720-20	42/20
19976	International Boundary Light H	DAYMK DMGD	18421	0721-20	42/20

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
9520	Siuslaw River Channel Light 14	REBUILT/REMAINS	18583	0110-21	37/18	05/21
10110	Astoria Lower Range Rear Light	RELIGHTED	18521	None	05/21	05/21
10300	Brookfield Point Lighted Buoy 21	RELIGHTED	18523	0099-21	04/21	05/21
10570	Cooper Point Light 71	WATCHING PROPERLY	18523	0098-21	03/21	05/21
11695	Multnomah Falls Dike Light 84	RELIGHTED	18531	None	05/21	05/21
11730	Warrendale Upper Range Front Light	RELIGHTED	18531	None	05/21	05/21

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
9657	Boat Basin Warning Marker	STRUCT DEST	18561	0027-21	02/21	
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	
19173	Deepwater Bay North Fish Pen Lights (2)	MISSING	18427	0784-20	45/20	

DISCREPANCIES (PRIVATE AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
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None

PLATFORM DISCREPANCIES

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

PLATFORM DISCREPANCIES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

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

TEMPORARY CHANGES

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
8635	Chetco River Entrance Light 9	TRLB	18602	0436-19	25/19	
12980	Lake Wallula West Channel Junction Light W	TRLB	18542	0214-20	10/20	
14435	Baker Bay West Channel Daybeacon 7	TRUB	18521	0755-17	35/17	
15040	Oswego Rock Daybeacon	TRUB	18528	0404-17	20/17	

18300	Kenmore Channel Lighted Buoy 4	DISCONTINUED FOR DREDGING	18447	0869-20	50/20
19120	Swinomish Channel North Entrance Light 18	TRLB	18427	0573-20	35/20
	Coos Bay CG Mooring Buoy	DISCONTINUED	18587	None	04/21

TEMPORARY CHANGES CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
9520	Siuslaw River Channel Light 14	Reestablished	18583	0110-21	37/18	05/21

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

SECTION IV - CHART CORRECTIONS

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

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

Chart Number	Chart Edition	Edition Date	Last Local Notice to Mariners	Horizontal Datum Reference	Source of Correction	Current Local Notice to Mariners
12327	91st Ed.	19-APR-97	Last LNM: 26/97	NAD 83		27/97
Chart Title: NY-NJ-NEW YORK HARBOR - RARITAN RIVER						
Main Panel 2245 NEW YORK HARBOR						
(Temp) ADD	NATIONAL DOCK CHANNEL BUOY 3				CGD01 at 40-41-09.001N	074-02-48.001W
Corrective Action	Green can	Object of Corrective Action			Position	

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

530	35th Ed.	01-DEC-15	Last LNM: 35/20	NAD 83		05/21
<i>Chart Title: North America West Coast San Diego to Aleutian Islands and Hawaiian Islands</i>						
Main Panel 2405 SAN DIEGO TO ALEUTIAN ISLANDS AND HAWAIIAN ISLANDS. Page/Side: A						
RELOCATE	DART Tsunami Warning Lighted Buoy 46419				CGD13 from 48-47-49.011N to 48-48-17.000N	129-36-18.068W 129-36-58.000W
18007	33rd Ed.	01-FEB-09	Last LNM: 29/20	NAD 83		05/21
<i>Chart Title: San Francisco to Cape Flattery</i>						
Main Panel 1652 SAN FRANCISCO TO CAPE FLATTERY. Page/Side: N/A						
RELOCATE	DART Tsunami Warning Lighted Buoy 46419				CGD13 from 48-47-49.011N to 48-48-17.000N	129-36-18.068W 129-36-58.000W
18521	77th Ed.	01-MAR-19	Last LNM: 46/17	NAD 83		05/21
<i>Chart Title: Columbia River Pacific Ocean to Harrington Point;Ilwaco Harbor</i>						
Inset 1738 ILWACO HARBOR --. Page/Side: -						
RELOCATE	Baker Bay West Channel Daybeacon 21				CGD13 from 46-17-42.813N to 46-17-43.369N	124-02-39.549W 124-02-38.676W
RELOCATE	Baker Bay West Channel Light 17 and Change height to 19ft, nominal range to 4M and delete Ra Ref.				CGD13 from 46-17-20.880N to 46-17-20.032N	124-03-02.016W 124-03-03.039W

RELOCATE	Baker Bay West Channel Light 20 and Change Height to 19ft and delete Ra Ref.	from 46-17-36.691N to 46-17-35.710N CGD13	124-02-42.581W 124-02-42.429W
RELOCATE	Baker Bay West Channel Light 22 and Change height to 19ft, and delete Ra Ref.	from 46-17-48.446N to 46-17-49.272N CGD13	124-02-25.193W 124-02-24.458W
CHANGE	Ilwaco Mooring Basin Light 2 Height to 19ft, and delete Ra Ref.	at 46-17-59.879N	124-02-25.575W

18531 **24th Ed.** **01-DEC-17** **Last LNM: 53/19** **NAD 83** **05/21**

ChartTitle: Columbia River Vancouver to Bonneville; Bonneville Dam

CHART OR & WA - COLUMBIA RIVER - VANCOUVER TO BONNEVILLE. Page/Side: N/A

RELOCATE	Airport Bar Range Rear Light and Change height to 52ft.	CGD13 from 45-35-59.813N to 45-35-59.801N CGD13	122-33-24.902W 122-33-25.111W
RELOCATE	Government Island Range Front Light	from 45-33-47.293N to 45-33-47.311N CGD13	122-26-45.887W 122-26-45.939W
RELOCATE	Government Island Range Rear Light and Change height to 51ft.	from 45-33-41.134N to 45-33-42.357N CGD13	122-26-34.900W 122-26-37.094W
RELOCATE	Lady Island Range Front Light	from 45-33-47.293N to 45-33-47.311N CGD13	122-26-45.887W 122-26-45.939W
RELOCATE	Lady Island Range Rear Light and Change height to 59ft.	from 45-33-44.219N to 45-33-44.226N CGD13	122-27-03.540W 122-27-03.526W
RELOCATE	Multnomah Falls Upper Range Front Light and Change height to 38ft.	from 45-36-49.706N to 45-36-49.679N CGD13	122-02-05.589W 122-02-05.553W
RELOCATE	Warrendale Lower Range Front Light and Change height to 38ft.	from 45-36-49.706N to 45-36-49.679N CGD13	122-02-05.589W 122-02-05.553W
CHANGE	Airport Bar Range Front Light Height to 33ft.	at 45-36-00.539N	122-33-38.184W

18580 **24th Ed.** **01-FEB-18** **Last LNM: 30/20** **NAD 83** **05/21**

ChartTitle: Cape Blanco to Yaquina Head

Main Panel 1791 CAPE BLANCO TO YAQUINA HEAD - -. Page/Side: -

RELOCATE	Baltimore Rock Lighted Buoy BR	CGD13 from 43-21-18.732N to 43-21-17.242N	124-22-59.499W 124-22-59.536W
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18583 **40th Ed.** **01-OCT-11** **Last LNM: 33/17** **NAD 83** **05/21**

ChartTitle: Siuslaw River

Main Panel 1794 SIUSLAW RIVER. Page/Side: N/A

RELOCATE	Siuslaw River Channel Daybeacon 25 and Delete Ra Ref.	CGD13 from 43-58-07.519N to 43-58-05.513N CGD13	124-07-05.862W 124-07-01.887W
RELOCATE	Siuslaw River Channel Daybeacon 28 and Delete Ra Ref.	from 43-57-59.353N to 43-57-59.659N CGD13	124-06-04.338W 124-06-04.310W
RELOCATE	Siuslaw River Channel Daybeacon 29	from 43-58-07.153N to 43-58-07.314N CGD13	124-04-54.312W 124-04-54.254W
RELOCATE	Siuslaw River Channel Light 13 and Change height to 20ft.	from 44-00-06.228N to 44-00-10.079N CGD13	124-07-22.812W 124-07-25.444W
RELOCATE	Siuslaw River Dike Daybeacon 16 and Delete Ra Ref.	from 43-58-58.435N to 43-58-58.484N CGD13	124-07-35.052W 124-07-34.989W
RELOCATE	Siuslaw River Dike Daybeacon 20	from 43-58-39.331N to 43-58-39.415N CGD13	124-07-37.770W 124-07-37.608W
CHANGE	Siuslaw River Channel Daybeacon 26 Delete Ra Ref.	at 43-57-53.448N	124-06-16.486W

18587 **71st Ed.** **01-APR-11** **Last LNM: 43/19** **NAD 83** **05/21**

ChartTitle: Coos Bay

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

CGD13

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)****COLUMBIA RIVER – CRIMS ISLAND TO VANCOUVER – Testing of LED Range Lights (Revised from LNM 49/19)**

The U.S. Coast Guard is testing LED combination lantern systems to replace the incandescent lanterns at the locations listed below. The remaining change is expected to occur during the spring or summer of 2020:

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

Mariners are encouraged to share comments on the performance and operation of these lights as aids to navigation. All comments should be sent to the email address D13-SMB-D13-LNM@uscg.mil. Any discrepancy for these or other Aids to Navigation should continue to be reported to US Coast Guard Sector Columbia River.

Charts: 18524 18525

LNM: 52/19

WASHINGTON - GRAYS HARBOR – Testing of LED Range Lights (Revised from LNM 48/20)

The U.S. Coast Guard is testing LED combination lantern systems to replace the incandescent lanterns. The change has been made as listed below:

Grays Harbor North Channel Range F Front Light (LLNR 15785) the high intensity beam width has been increased from 1° to 3° and the intensity of the light increased. Grays Harbor North Channel Range F Rear Light (LLNR 15790) all characteristics remain the same.

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.

Chart 18502

LNM: 05/21

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

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

Chart 18480

LNM: 49/19

SECTION VI - PROPOSED CHANGES

Periodically, the Coast Guard evaluates its system of aids to navigation to determine whether the conditions for which the aids to navigation were established have changed. When changes occur, the feasibility of improving, relocating, replacing, or discontinuing aids are considered. This section contains notice(s) of non-approved, proposed projects open for comment. SPECIAL NOTE: Mariners are requested to respond in writing to the District office unless otherwise noted (see banner page for address).

PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT**Proposed Project(s)****Closing****Docket No.****Ref. LNM**

None

Proposed Change Notice(s)

None

SECTION VII - GENERAL

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

SUMMARY OF BRIDGE LIGHTING DISCREPANCIES AND CORRECTIONS

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

LNM: 05/21

SUMMARY OF DREDGING OPERATIONS

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

LNM: 05/21

SUMMARY OF MARINE EVENTS

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

LNM: 05/21

OREGON – COOS BAY – McCullough Highway Bridge Notice

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

LNM: 11/19

Chart 18587

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

LNM: 10/19

Chart 18521

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

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

LNM: 28/20

COLUMBIA RIVER – VANCOUVER TO BONNEVILLE – Bridge maintenance notice

ODOT and Bridge Masters Inc. will be installing fiber optic conduit beneath the Interstate 5 Highway Bridge (LLNR 11258) and the Oregon Slough Interstate 5 Highway Bridge (LLNR 11297) from 01 Nov 2020 through 05 Feb 2021. Work hours will be from 2100 on Sunday nights through 0500 on Friday mornings. The installation work vehicle will be a Bridge Walker or an Aspen Under Bridge Inspection Truck. The work vehicle will be marked with a flashing amber light on the bottom of the basket. When the work vehicle is working over the Columbia River portion of the bridge there will be no decrease in vertical navigation clearance, however when working over the Oregon Slough portion of the bridge there will be a 6ft reduction in vertical navigation clearance beneath the work vehicle. Mariners are asked to stay clear of the work vehicle (at least 100ft horizontal separation) as there is a potential risk of falling construction materials and for the safety of the personnel in the work vehicle basket. The work vehicle will monitor VHF-FM Channel 16 if mariners have any concerns as they transit beneath the bridge. For more information, contact Jake Bothe at (760) 815-3845, or Jakob.bothe@bridgemastersinc.com

LNM: 40/20

Charts: 18526 18531

OREGON – PORT OF PORTLAND – WILLAMETTE RIVER - Burnside Bridge deviation

The Coast Guard has issued a temporary deviation from the operating schedule that governs the Burnside Highway Bridge (LLNR 14955.4) across the Willamette River, RM 12.4. Multnomah County is authorized to operate the bridge in single leaf mode from 04 Jan through 07 Feb 2021. The West Leaf will be locked in the closed-to-navigation position from 0700 on 04 Jan to 2359 on 17 Jan 2021 when marine traffic will use the East Leaf. The East Leaf will be locked in the closed-to-navigation position from 0700 on 18 Jan 2359 on 07 Feb when marine traffic will use the West Leaf. The Burnside Bridge provides a vertical clearance of 41 feet above Columbia River Datum 0.0 in the closed-to-navigation position. The horizontal clearance for a single leaf opening is 100 feet. A service tug is available with a four-hour request. This deviation accommodates bridge repairs and upgrades. The normal operating schedule is in 33 CFR 117.897(c)(3)(iii). Vessels able to pass through the bridge in the closed-to-navigation positions may do so at any time. The bridge's operational leaf 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 drawbridge must return to its regular operating schedule immediately at the end of the designated time period. For more information, contact Tye Aldana at tye.l.aldana@multco.us.

LNM: 51/20

Chart 18526

WASHINGTON – PUGET SOUND – SEATTLE HARBOR – DUWAMISH WATERWAY – Bridge deviation

The Coast Guard has issued a deviation from the operating schedule that governs the 1st Avenue South Highway Bridge (LLNR 16887) across the Duwamish Waterway, mile 2.5, in Seattle, WA. The deviation period will be from 0001 on 15 Jan 2021 to 2359 on 15 Mar 2021, for 24 hours per day. The deviation is necessary to accommodate WSDOT's bridge equipment replacement. The temporary deviation is approved and allows for, after receiving a signal to open the draw of the 1st Avenue South Bridge, the bridge operator may delay the opening of the draw up to 15 minutes. The 15 minute delay gives WSDOT's work crew time to clear the bridge. The 15 minute delay to open applies to vessels of 5000 gross tons and over, a vessel towing a vessel of 5000 gross tons and over, and a vessel proceeding to pick up for towing a vessel of 5000 gross tons and over. During this closure, the draw of the subject bridge may also delay opening of the draw up to 15 minutes to marine vessels engaged in emergency operations. The subject bridge provides a vertical clearance of 39 feet center and 22 feet on the sides at high tide. Vessels able to pass through the bridge in the closed-to-navigation position may do so at any time. For more information, contact Cory Nau at (206) 768-5862.

LNM: 44/20

Chart 18450

WASHINGTON – LAKE WASHINGTON SHIP CANAL – LAKE UNION – Fairview Avenue Bridge Notice (Revised from LNM 18/19)

Preliminary work to install a turbidity curtain for the Fairview Avenue Bridge Replacement project started on 12 Apr 2019. This turbidity curtain will remain in Lake Union waters 24 hours a day for the duration of the project, projected to run through early 2021. Navigation warning lights are installed on top of flotation logs indicating the location of the turbidity curtain. The bridge will be closed to all road traffic and in-water work will

WASHINGTON – LAKE WASHINGTON SHIP CANAL – LAKE UNION – Fairview Avenue Bridge Notice (Revised from LNM 18/19)

commence on 16 Sep 2019. Navigation is not allowed across or beyond the turbidity curtain which indicates the beginning of an active construction zone. The turbidity curtain is located on waterway 8 in front of the Zymo Genetics building and spans the waterway between Seattle Seaplanes and Windmere Real Estate. For more information contact Chris Barnes, SDOT Construction Engineer, (206) 234-1404, and email chris.barnes@seattle.gov

Chart 18447

LNM: 33/19

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

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

Chart 18447

LNM: 50/20

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

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

LNM: 38/20

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

BNSF Railway Company (BNSF) is continuing construction on the new BNSF Railroad Bridge 3.9 (LLNR 20087) located over Lake Pend Oreille (LPO) in Sandpoint, ID, from the start of the LPO winter draw-down levels as of 01 Nov 2020 through the start of LPO summer fill-up beginning on 01 May 2021. Work barges will be staged along the work corridor with support from upland staging areas, primarily from the south shore of LPO, near East Algoma along the BNSF right-of-way (ROW). This phase requires the construction of a temporary pipe trolley or trestle from the upland staging area at the south shore that will carry pipe piles to the work barges. Hours of construction activities will generally be 0730 to 1600, Monday to Saturday. An Ames-owned tugboat, Audrey B, will position barges and provide other on-water support within the BNSF 200' ROW west of the existing BNSF Bridge 3.9 in varying linear work zone foot prints. The Audrey B can be hailed on VHF-FM channels 13 and 16. One of the two published navigation channels at the existing BNSF Bridge 3.9 spans 67 and 68 and half of the existing spans 2 and 3; 14 through 17; 27 through 30; 40 through 43; 53 through 56; 84; and 95 through 97 will remain unobstructed during all work activities. Vertical clearance of the existing bridge will be unchanged. The temporary work trestles and work barges will have navigation lights and work zone buoys in accordance with the Navigation Rules (COLREGS-Inland). Enclosure (5) of LNM 47/20 displays the overview for this phase work activities. Changes to the work locations and activities will be updated by a subsequent LNM in the Spring of 2021. During all phases and locations, the noted navigational buoy-safety lighting for the work areas will be in place. The point of contact for the bridge contractor, Ames Construction, is Mike Pamperin, at (612) 741-6535 and MikePamperin@amesco.com. For additional information contact the BNSF Project Manager, Ryan Kopera, at (913) 284-3467 or Ryan.Kopera@BNSF.com.

Chart 18554

LNM: 44/20

COLUMBIA AND SNAKE RIVERS – Winter seasonal recreational vessel lockage

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

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

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

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

LNM: 37/20

COLUMBIA RIVER – SNAKE RIVER – 2021 Annual Lock closures for maintenance

The USACE Portland and Walla Walla Districts have scheduled the annual navigation lock maintenance closure for March 2021. During this time, the Locks and Dams on the Columbia and Snake Rivers have scheduled inspections, maintenance, and repair work. Non-routine work includes gate cleaning, structural inspections, and equipment/machinery repair and replacement. All eight (8) of the navigation locks will close at 0600 on Saturday, 06 Mar 2021 and return to service at 2359 on Sunday, 21 Mar 2021.

Columbia River navigation lock maintenance closures are:

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

The Dalles (RM 191) – 0600 on 06 Mar 2021 to 2359 on 21 Mar 2021

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

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

Snake River navigation lock maintenance closures are:

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

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

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

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

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

Charts: 18532 18533 18535 18539 18541 18545 18546 18547

LNM: 42/20

SNAKE RIVER – LAKE SACAJAWEA AND LAKE HERBERT G. WEST AND LAKE BRYAN – Upstream floating guidewall restrictions (Revised from LNM 16/20)

Until further notice, vessels transiting the Snake River navigation locks must use caution when operating near the upstream floating guidewalls at several of the projects:

- Ice Harbor Lock and Dam, Snake River Mile 9.7; 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.

- 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: 24/20

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

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

Chart 18447

LNM: 52/20

COLUMBIA RIVER – VANCOUVER TO BONNEVILLE – LADY ISLAND – Dredging disposal barge

Dixon Marine Services will conduct dredging operations at Chinook Landing Marine Park near Columbia River Mile 118.5 beginning on or about 06 Nov 2020 and continuing until approximately 28 Feb 2021. The project is a hydraulic dredging program with material disposal via a submerged pipeline to a disposal barge which will be anchored along the southern edge of the shipping channel of the Columbia River in approximate position 45-33-50.760N, 122-26-35.520W. The disposal barge is 20 by 40, moored at each corner with 750 lb. anchors attached to 36 inch, white steel mooring balls and be equipped with flashing lights. The dredging activity will be performed by hydraulic dredge Moray, and the assist vessels can be contacted on VHF-FM channel 78. See enclosure (4) of LNM 47/20 for a graphic of the barge location. For more information, contact Mark Sutton, Dixon Marine Services at (415) 760-7227.

Chart 18531

LNM: 44/20

COLUMBIA RIVER – BLALOCK ISLANDS TO MCNARY DAM – LAKE UMATILLA – Marine construction

Advanced American Construction will be performing work on the AgriNorthwest Inc. Prior Farm Pump Station at approximate river mile 284.5 from 18 Dec 2020 through 16 Mar 2021. Work includes pile driving, micropile install and diving. A drilling barge (40'x80') will be positioned adjacent to the pump station. Working hours are expected to be 0700 through 1730 daily. Mariners are requested to avoid the work zone and reduce wake as much as possible when transiting through the area. The barge will have steady white lights on all four corners at night. For additional project information please contact Shad Huber at (360) 953-4833.

Chart 18539

LNM: 47/20

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

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

Chart 501

LNM: 50/20

WASHINGTON – PUGET SOUND – ELLIOTT BAY - Colman Dock construction

Washington State Ferries is conducting demolition and construction operations at the Colman Docks, scheduled to be completed in the summer of 2022. Operations will be conducted from 0700 to 1700, Monday through Friday. Mariners should be aware of marine construction equipment moored around the Colman Dock and regular tows up and down the Duwamish River in support of the operation. Equipment may obstruct small

WASHINGTON – PUGET SOUND – ELLIOTT BAY - Colman Dock construction

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 – SEATTLE TO BREMERTON – DUWAMISH WATERWAY – Marine construction

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

Chart 18450

LNM: 51/20

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

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

Chart 18446

LNM: 49/20

WASHINGTON – PUGET SOUND – NORTHERN PART – POSSESSION SOUND – Construction at the Mukilteo Ferry Terminal

Manson Construction Co. will be conducting operations to build the new Mukilteo Ferry Terminal marine structures from 17 Aug 20 through 15 Mar 21. The typical hours of operation are Monday through Friday, 0600 to 1630. The new terminal is located approximately .3 NM north-west of the existing WSF Mukilteo Ferry Terminal. Operations will include, but are not limited to pile driving, pouring concrete, steel erection and welding, heavy lifting, and miscellaneous marine construction. Marine construction equipment will stay on location during operational and non-operational periods. The vessels involved in the project are Derrick barge 24, Deck barges Manson 38, Manson 50, Manson 58 and Manson 64. The tug Harry M will be onsite intermittently. The vessels will monitor VHF-FM channel 8. The Derrick Barge 4 will have anchors deployed with crown buoys locating each submerged anchor. Submerged anchor cables are present and local mariners are requested to stay at least 1000ft from equipment. Mariners are requested to proceed with extreme caution, provide a wide berth, and operate at a slow speed while transiting in this area. For additional information contact Manson's Project Manager Ms. Monica Blanchard at (206) 913-7498 or Project Superintendent Mr. Erik Dolmseth at (206) 384-3025.

Chart 18443

LNM: 30/20

WASHINGTON - PUGET SOUND - HOOD CANAL - Military airborne water drop exercise

The US Army 1st Special Forces Group will be conducting military airborne water drop exercises in Hood Canal on 03 - 05 Feb 2021 and 08 - 10 Feb 2021. This exercise will take place in the Great Bend portion of Hood Canal near Annas Bay in approximate position 47-22.316N, 123-07.984W on the following dates and times:

- 0900-1800 on 03 Feb
- 0900-1800 on 04 Feb
- 0900-1800 on 05 Feb
- 1000-1500 on 08 Feb
- 1000-1500 on 09 Feb
- 1000-1500 on 10 Feb

The exercise will consist of aircraft and multiple small boats that will monitor VHF-FM channel 16. Mariners are advised to stay clear of this area and follow any instructions from military personnel.

Charts: 18448 18476

LNM: 50/20

WASHINGTON – PUGET SOUND – HOOD CANAL – Pier construction

Manson Construction will be conducting pier demolition and construction activities in Hood Canal on Navy Base Kitsap Bangor from 17 July 2020 through Jun 2022. The project will consist of demolition of existing pier, pile driving and construction of a 500' pier extension. Operations will Monday through Friday 0600 – 1630. There will be a derrick on site and a pile driver barge with multiple barges and a work skiff. Bangor Control Tower will be using VHF-FM channel 88A. Mariners are requested to reduce speed and minimize wake in the area for the safety of the personnel and equipment. For more information contact the US Navy POC Dennis Wiechmann at (360) 315-4084 email dennis.e.wiechmann@navy.mil 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 – BELLINGHAM BAY – Scientific research buoy (Revised from LNM 47/20)

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

Chart 18424

LNM: 49/20

OREGON – IDAHO – GPS testing

US Strategic Command has proposed GPS testing encompassing portions of eastern Oregon and western Idaho. The center point of the test will be near Boise, Idaho, at position 42-33-00.4N, 115-36-21.6W with a radius of 155 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:

- 18 JAN 21 / 1500Z - 2359Z
- 19 JAN 21 / 0001Z - 0030Z

OREGON – IDAHO – GPS testing

21 JAN 21 / 1500Z - 2359Z
 22 JAN 21 / 0001Z - 0030Z & 1500Z - 2359Z
 23 JAN 21 / 0001Z - 0030Z
 27 JAN 21 / 1830Z - 2359Z
 28 JAN 21 / 0001Z - 0030Z & 1830Z - 2359Z
 29 JAN 21 / 0001Z - 0030Z & 1830Z - 2359Z
 30 JAN 21 / 0001Z - 0030Z
 01 FEB 21 / 1500Z - 2359Z
 02 FEB 21 / 0001Z - 0030Z & 1500Z - 2359Z
 03 FEB 21 / 0001Z - 0030Z & 1500Z - 2359Z
 04 FEB 21 / 0001Z - 0030Z & 1500Z - 2359Z
 05 FEB 21 / 0001Z - 0030Z & 1500Z - 2359Z
 06 FEB 21 / 0001Z - 0030Z & 1500Z - 2359Z
 08 FEB 21 / 1500Z - 2359Z
 09 FEB 21 / 0001Z - 0030Z & 1500Z - 2359Z
 10 FEB 21 / 0001Z - 0030Z & 1500Z - 2359Z
 11 FEB 21 / 0001Z - 0030Z & 1500Z - 2359Z
 12 FEB 21 / 0001Z - 0030Z & 1500Z - 2359Z
 13 FEB 21 / 0001Z - 0030Z
 15 FEB 21 / 1500Z - 2359Z
 16 FEB 21 / 0001Z - 0030Z & 1500Z - 2359Z
 17 FEB 21 / 0001Z - 0030Z & 1830Z - 2359Z
 18 FEB 21 / 0001Z - 0030Z & 1830Z - 2359Z
 19 FEB 21 / 0001Z - 0030Z & 1500Z - 2359Z
 20 FEB 21 / 0001Z - 0030Z
 22 FEB 21 / 1500Z - 2359Z
 23 FEB 21 / 0001Z - 0030Z & 1500Z - 2359Z
 24 FEB 21 / 0001Z - 0030Z & 1500Z - 2359Z
 25 FEB 21 / 0001Z - 0030Z & 1500Z - 2359Z
 26 FEB 21 / 0001Z - 0030Z & 1500Z - 2359Z
 27 FEB 21 / 0001Z - 0030Z

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: 52/20

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
610	<i>Baltimore Rock Lighted Buoy BR</i>	43-21-17.242N 124-22-59.536W	Fl Y 4s		4	Yellow.	05/21
		*					
765.7	<i>DART Tsunami Warning Lighted Buoy 46419</i>	48-48-17.000N 129-36-58.000W	Fl (4)Y 20s			Yellow disc shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration. 05/21
		*					
9510	SIUSLAW RIVER CHANNEL LIGHT 13	44-00-10.079N 124-07-25.444W	Fl G 2.5s	20	5	SG on multi-pile structure.	Visible all around; higher intensity upstream. 05/21
		*	*	*	*		
9535	Siuslaw River Dike Daybeacon 16 100 feet outside channel limit.	43-58-58.484N 124-07-34.989W				TR on pile.	05/21
		*				*	*
9540	Siuslaw River Dike Daybeacon 20 40 feet outside channel limit.	43-58-39.415N 124-07-37.608W				TR on pile.	05/21
		*				*	

SECTION VIII - LIGHT LIST CORRECTIONS (Continued)

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
9555	Siuslaw River Channel Daybeacon 25 50 feet outside channel limit.	43-58-05.513N 124-07-01.887W				SG on pile.		05/21
	*	*				*	*	
9565	Siuslaw River Channel Daybeacon 28 50 feet outside channel limit.	43-57-59.659N 124-06-04.310W				TR on pile.		05/21
	*	*				*	*	
9570	Siuslaw River Channel Daybeacon 29	43-58-07.314N 124-04-54.254W				SG on pile.		05/21
	*	*						
11307	AIRPORT BAR RANGE FRONT LIGHT	45-36-00.539N 122-33-38.184W	Q G	33		KRW on skeleton tower on multi-pile structure.	Visible all around.	05/21
		*		*				
11308	AIRPORT BAR RANGE REAR LIGHT 311 yards, 094.6° from front light.	45-35-59.801N 122-33-25.111W	Iso G 6s	52		KRW on skeleton tower on multi-pile structure.	Visible 4° each side of rangeline.	05/21
	*	*		*				
11465	GOVERNMENT ISLAND RANGE FRONT LIGHT	45-33-47.311N 122-26-45.939W	Q R Q W	31 31		KRB on skeleton tower on multi-pile structure. On same structure as Lady Island Range Front Light.	White light visible 1.5° each side of rangeline, red light visible all around.	05/21
	*	*		*				
11470	GOVERNMENT ISLAND RANGE REAR LIGHT 268 yards, 128.6° from front light.	45-33-42.357N 122-26-37.094W	Iso W 6s	51		KRB on skeleton tower on multi-pile structure.	Visible 4° each side of rangeline.	05/21
	*	*		*				
11490	LADY ISLAND RANGE FRONT LIGHT	45-33-47.311N 122-26-45.939W	Q R Q W	31 31		KRB on skeleton tower on multi-pile structure. On same structure as Government Island Range Front Light.	White light visible 1.5° each side of rangeline, red light visible all around.	05/21
	*	*		*				
11495	LADY ISLAND RANGE REAR LIGHT 430 yards, 256° from front light.	45-33-44.226N 122-27-03.526W	Iso W 6s	59		KRB on skeleton tower on multi-pile structure.	Visible 1.3° each side of rangeline.	05/21
	*	*		*				
11700	MULTNOMAH FALLS UPPER RANGE FRONT LIGHT	45-36-49.679N 122-02-05.553W	Q W	38		KRB on skeleton tower on multi-pile structure. On same structure as Warrendale Lower Range Front Light.	AIS: MMSI 993692061 (21). Visible all around; higher intensity 1.5° each side of rangeline.	05/21
	*	*		*		*		

SECTION VIII - LIGHT LIST CORRECTIONS (Continued)

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
11715	WARRENDALE LOWER RANGE FRONT LIGHT	45-36-49.679N 122-02-05.553W	Q W	38		KRB on skeleton tower on multi-pile structure. On same structure as Multnomah Falls Upper Range Front Light.	AIS: MMSI 993692061 (21). Visible all around; higher intensity 1.5° each side of rangeline.	05/21
		*		*		*		
11720	WARRENDALE LOWER RANGE REAR LIGHT 235 yards, 263.9° from front light.	45-36-48.954N 122-02-15.480W	Iso W 6s	67		KRB on skeleton tower, on multi-pile structure.	Visible 5.5° each side of range line.	05/21
		*		*		*		
14480	BAKER BAY WEST CHANNEL LIGHT 17	46-17-20.032N 124-03-03.039W	Fl G 4s	19	4	SG on pile.		05/21
		*		*		*	*	
14490	BAKER BAY WEST CHANNEL LIGHT 20	46-17-35.710N 124-02-42.429W	Fl R 4s	19	4	TR on pile.		05/21
		*		*		*		
14495	Baker Bay West Channel Daybeacon 21	46-17-43.369N 124-02-38.676W				SG on pile.		05/21
		*		*		*		
14500	BAKER BAY WEST CHANNEL LIGHT 22	46-17-49.272N 124-02-24.458W	Fl R 2.5s	19	4	TR on pile.		05/21
		*		*		*	*	
14510	ILWACO MOORING BASIN LIGHT 2	46-17-59.879N 124-02-25.575W	Fl R 4s	19	4	TR on pile.		05/21
		*		*		*	*	

ENCLOSURES

Enclosure 1

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

LNM: 05/21

Enclosure 2

OREGON - WASHINGTON - COLUMBIA RIVER - Summary of Dredging Operations

LNM: 05/21

Enclosure 3

OREGON - WASHINGTON - COLUMBIA RIVER - Summary of Marine Events

LNM: 05/21

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						
	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
COLUMBIA RIVER						
	14866 / 10086	Astoria Highway Bridge (South and North spans)	Astoria, OR	Lights extinguished	1/12/2021	0032-21
SNAKE RIVER						
	13617	Sergeant Railroad Bridge	Starbuck, WA	All pier lights are extinguished	10/24/2020	0744-20
WILLAMETTE RIVER						
	None					
WASHINGTON COAST						
	None					
PUGET SOUND						
	None					
IDAHO						
	None					
BRIDGE CORRECTIONS						
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						
	None					
IDAHO						
	None					

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

Start Date	End Date	Times	Location	Dredge Vessel	Assist Vessel	Channels Monitored	Disposal Area	LNM
18-Jan-21	15-Feb-21	24 Hrs/7 Days	Coquille River; Bandon Boat Basin	N/A	N/A	VHF-FM 16 & 17	Floating pipeline	02/21
2-Jan-21	28-Feb-21	12 Hrs/7 Days	Columbia River; Ilwaco Marina	Port of Ilwaco Dredge	Port of Ilwaco Skiff	VHF-FM 16 & 69	Ashore via pipeline	51/20
2-Jan-21	28-Feb-21	TBD	Columbia River; Astoria, West Mooring basin (RM 13)	N/A	Bergerson Construction	VHF-FM 13 & 16	TBD	51/20
11-Jan-21	28-Feb-21	0600-1700 Mon-Fri	Columbia River; Willow (RM 96-98 WA side)	Dredge 7	N/A	VHF-FM 13, 16, 79	Ashore	02/21
6-Nov-20	28-Feb-21	24 Hrs/7 Days	Columbia River; Lady Island (RM 118 to 119)	Dredge Moray	N/A	VHF-FM 78	RM 118.5 OR Side	45/20
4-Jan-21	14-Feb-21	24 Hrs/7 Days	Grays Harbor; Inner Harbor, Cow Point	M/V Sea Horse	Tug Rachele	VHF-FM 13, 16, 67	Point Chehalis	05/21

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

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

MARINE EVENTS

Enclosure (3)

SECTOR COLUMBIA RIVER MARINE EVENTS

EVENT DATE	TIME	EVENT NAME	EVENT LOCATION
		None	

SECTOR PUGET SOUND MARINE EVENTS

EVENT DATE	TIME	EVENT NAME	EVENT LOCATION
6-Feb-21	1000-1700	OIYC Shaw Island Winter Classic	Harney Channel rounding Shaw Island
6-Feb-21	1000-1600	CYCT Harbor Series #2	Des Moines to Commencement Bay
6-Feb-21	1200-1600	Milltown Winter Race Series	Possession Sound
6-Feb-21	1000-1300	Sound Rowers LaConner Race	Swinomish Channel