



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

LOCAL NOTICE TO MARINERS

District: 13

Week: 15/20

ISSUED BY: COMMANDER, THIRTEENTH COAST GUARD DISTRICT (dpw)
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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=InmDistrict®ion=13>

COMDTPUB P16502.6, Light List Volume VI, 2020 Edition, and Coast Pilot Volume 7, 2019 Edition.

Light List Volume VI, 2020 Edition is available at https://www.navcen.uscg.gov/pdf/lightLists/LightList_V6_2020.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
D13-0273-20

Ending BNM
D13-0281-20

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
EVAL - Evaluation

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
MSLD - Misleading

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
STA - Station

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

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

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.

OREGON – WASHINGTON – Updated email addresses for contacting the Coast Guard

All mariners and maritime stakeholders should note that the Coast Guard's Thirteenth District office of Waterways Management, Aids to Navigation and Bridge Administration in Seattle, Washington has changed their office shared email addresses. These include emails for LNM submissions, aids to navigation discrepancies, questions and comments, private aids to navigation (PATON) issues, Bridge operations and permits, and WAMS questionnaires. We apologize for any inconvenience this change may cause.

Beginning on 15 Apr 2020, the following email addresses are discontinued:

D13-LNM@uscg.mil
D13-PF-LNM@uscg.mil
D13-PF-D13BRIDGES@uscg.mil
D13-PATON@uscg.mil
D13-PF-D13DPW@uscg.mil

The new email addresses below should be used for all future communications:

D13-SMB-D13-LNM@uscg.mil
D13-SMB-D13-BRIDGES@uscg.mil
D13-SMB-D13-PATON@uscg.mil
D13-SMB-D13-DPW@uscg.mil

LNM: 15/20

OREGON – WASHINGTON – National Geospatial-Intelligence Agency updated Light List Corrections procedures

Effective immediately with NGA NtM 16/2020 (18 APR 2020), NGA will now be posting fully corrected versions of the Coast Guard Light List (LL) to their Maritime Safety Information (MSI) webpage and will suspend issuing corrections to the Coast Guard LL within the NGA NtM. The Coast Guard NAVCEN provides PDF and XML versions of their weekly corrected Light List publications available at <https://www.navcen.uscg.gov/?pageName=lightListWeeklyUpdates>. Coast Guard NVIC 01-16 allows for publications to be kept in electronic format as long as the publication updates are reasonably available. To align with the NVIC, NGA will match the Coast Guard format and will start posting the fully corrected Coast Guard Light List PDFs on their website at <https://msi.nga.mil/Publications/USCGLL>. This will allow the mariner to download a corrected version of the Coast Guard Light List instead of applying notice corrections to the baseline PDFs. Effective immediately, NGA will stop incorporating individual USCG Light List corrections in their weekly Notice to Mariners. Additionally, the "SEARCH ONLINE DATABASE" query function on NGA's MSI webpage will no longer be maintained. Until it can be removed from the MSI webpage, mariners are directed to only use the updated Coast Guard Light List PDFs for all light information. The specific Light List corrections can continue to be viewed in each Local Notice to Mariner by District at: <https://www.navcen.uscg.gov/?pageName=lnmMain>. Please contact the Maritime Safety Office or the Maritime Light Team at Maritime_Lights@nga.mil with any questions.

LNM: 15/20

OREGON – WILLAMETTE RIVER – PORT OF PORTLAND – Bridge notice

The Coast Guard has approved a temporary deviation due to the cancelation of the Rose Festival Parade. The bridges listed in 33CFR§117.897 shall operate as follows:

(c) The draws of the bridges listed in paragraph (c)(3) shall open on signal if appropriate advance notice is given to the drawtender of the Hawthorne Bridge subject to the following requirements and exceptions:

(1) The draws need not open for the passage of vessels from 7 a.m. to 9 a.m. and 4 p.m. to 6 p.m. every Monday through Friday; except that on New Year's Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, and Christmas Day, the draws shall open in accordance with the notice requirements of paragraph (c)(3) below.

(3)(i) Broadway Bridge, mile 11.7, from 8 a.m. to 5 p.m. Monday through Friday, one hour's notice shall be given for draw openings. At all other times, notice of at least two hours in advance is required.

(ii) Steel Bridge (upper deck only), Portland, mile 12.1. From 8 a.m. to 5 p.m. Monday through Friday, one hour's notice shall be given for draw openings. At all other times, two hours notice is required.

(iii) Burnside Bridge, mile 12.4, from 8 a.m. to 5 p.m. Monday through Friday, one hour's notice shall be given for draw openings. At all other times, two hours notice is required.

(iv) Morrison Bridge, Portland, mile 12.8, from 8 a.m. to 5 p.m. Monday through Friday, one hour's notice shall be given for draw openings. At all other times, two hours notice is required.

(v) Hawthorne Bridge, Portland, mile 13.1, no advance notice required.

For information on this deviation, mariners can email D13-SMB-D13Bridges@uscg.mil

Chart 18526

LNM: 15/20

COLUMBIA RIVER – VANCOUVER TO BONNEVILLE – WARRENDALE – NOAA Fisheries research barge

There will be a NOAA Fisheries research barge moored on the Oregon side of Warrendale Upper Range in approximate position 45-37-08.400N, 121-59-35.700W from 22 Apr through 23 Jun 2020. The stern of the barge is attached to a white mooring ball downstream and anchored to a 250 ft. mooring line upstream. The barge is 50 ft wide, 30 ft long and 4 ft tall and marked with yellow flagging on all corners, a radar reflector and a yellow light flashing every 4s (Fl Y 4s). Mariners are requested to reduce wake when transiting the area and keep a safe distance. For additional information, contact Gabriel Brooks at (206) 334-6824 or email Gabriel.Brooks@noaa.gov.

Chart 18531

LNM: 15/20

SNAKE RIVER – LAKE HERBERT G. WEST AND LAKE BRYAN –Updated Information on floating guidewall restrictions

Until further notice, vessels transiting the Lower Monumental and Little Goose navigation locks must use caution when operating near those project's upstream floating guidewalls. At Lower Monumental, Snake River Mile 41.6, vessels may not 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. At Little Goose, Snake River Mile 70.3, vessels may not tie up to the floating guidewall. Additionally, vessels may not rub against the 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: 18546 18547

LNM: 15/20

WASHINGTON – PUGET SOUND – PORT TOWNSEND – Indian Island small boat exercises

The Navy will conduct tactical boat operations on 23 April 2020 on the water along the western side of US Naval Magazine Indian Island, during the hours of 0800-1600. The training area is located from the southern portion of Crane Point at 48-02-55.352N, 122-44-31.121W extending westward to 48-02-55.352N, 122-44-52.674W, extending NNW to 48-04-19.272N, 122-45-36.436W, and extending to the N and NE encompassing 500 meters standoff from the Portable Security Barrier (PSB) system to Walan Point. Potential hazards will include three 33-foot Police boats, grey in color with blue lights flashing conducting high-speed maneuvers intercepting surface vessels performing simulated attacks on the waterfront of Indian Island. Military Police personnel will be using machine guns with blank fire to repel simulated hostile forces. This training area is restricted to U.S. Navy, Coast Guard and Jefferson County Sheriff vessels during the above mentioned times. It is required that all vessels maintain a safe distance in all directions from the northern edge of the Ammunition Pier extending from Walan Point extending westward to the identified coordinates and south of Crane Point area as well as 500 yards from the vessels engaged in exercises. Vessels involved in the exercise can be contacted on VHF-FM channels 69, 71 and 16. For more information, contact Naval Magazine Indian Island, Brian Nelson, at (360) 396-5361 or email brian.t.nelson3@navy.mil.

Charts: 18464 18471

LNM: 15/20

OREGON – WASHINGTON – Marine Safety Information Bulletin regarding COVID-19 issues

As the COVID-19 pandemic impacts the maritime industry, the Coast Guard is continuing critical functions while remaining flexible to challenges of this dynamic situation. The Coast Guard is releasing guidance and updated protocols for a variety of operations, maritime policies and regulatory requirements via Marine Safety Information Bulletins. Mariners and maritime stakeholders are encouraged to visit Coast Guard Maritime Commons Blog for all the MSIB related to COVID-19, and to check frequently for updates at the following link:
<https://mariners.coastguard.blog/category/coronavirus-covid-19/>

LNM: 14/20

COLUMBIA RIVER – VANCOUVER TO BONNEVILLE – Interstate 5 Highway Bridge notice

The Coast Guard intends to approve a request from ODOT for a temporary deviation from the operating schedule that governs the Interstate 5 Highway Bridge (LLNR 11258) across the Columbia River at mile 106.5 between Vancouver, Washington and Portland, Oregon. In order to facilitate a major repair to the lift mechanism of the northbound span, the bridge need not open to mariners from 10 Sep through 22 Sep 2020. A safety zone will be established around the draw span for construction equipment and mariners will not be able to transit through the main channel. The Barge Channel North and Alternate Barge Channel South will remain available to mariners during this deviation. Enclosure (4) to this LNM provides more details. If any mariner has questions or concerns with this deviation, please contact the Bridge Administrator, Steve Fischer at (206) 220-7282, or email steven.m.fischer3@uscg.mil by 01 May 2020.

Charts: 18525 18526 18531

LNM: 14/20

OREGON – WILLAMETTE RIVER – PORT OF PORTLAND – Hawthorne Bridge notice

The Coast Guard has received two temporary deviation requests for the operating schedule that governs the Hawthorne Highway Bridge (LLNR 14955.6) across the Willamette River, mile 13.1, at Portland, Oregon. The deviation periods will be from 0700 to 1700 daily from 03 Jul to 06 Jul 2020, and from 0700 to 1700 daily from 10 Jul to 13 Jul 2020. These deviations are necessary to accommodate electrical service upgrades, and allows the bridge to remain in the closed-to-navigation position to facilitate the safe and timely upgrades. The Hawthorne Bridge provides 49 feet of vertical clearance in the closed-to-navigation position referenced to Columbia River Datum 0.0. The normal operating schedule is in 33 CFR 117.897(c)(3)(v). Vessels which do not require a bridge opening may continue to transit beneath the bridge during this closure period. The draw

span will not be able to open for vessels engaged in emergency response operations 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. If any mariner cannot support these deviation dates/times, please reply to Danny McReynolds at danny.g.mcreynolds@uscg.mil by 01 May 2020.

Chart 18526

LNLM: 14/20

WASHINGTON – STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA – GUEMES CHANNEL – Sub-Surface current meter

The City of Anacortes has deployed current monitoring equipment in Guemes Channel directly north of Pier 2 in Anacortes, Washington in approximate location 48-31-26.775 N, 122-36-28.916 W. The equipment is an Acoustic Doppler Current Meter mounted on the seabed in approximately 62 feet of water, which will be in place until 04 May 2020. For more information contact Kevin Redman at (206) 288-6153 or email Kevin.Redman@rpsgroup.com

Charts: 18421 18427

LNLM: 14/20

SNAKE RIVER – LAKE SACAJAWEA TO LAKE HERBERT G. WEST - Snake River Minimum Operating Pool operations

Beginning 03 Apr 20, the Snake River reservoirs will transition to Minimum Operating Pool (MOP) operations and spring spill for fish passage in accordance with the 2020 Fish Operations Plan. The facilities affected are; McNary Lock and Dam (Columbia River mile 292); Ice Harbor Lock & Dam (RM 9.7); Lower Monumental Lock & Dam (RM 41.6); Little Goose Lock & Dam (RM 70.3); and variable MOP at Lower Granite Lock & Dam (RM 107.3). The MOP ranges for each Snake River pool are listed below, with the elevations referenced to the North American Vertical Datum of 1929 and the Pool Elevation listed in feet:

Ice Harbor, Lake Sacajawea: 437 to 438.5 (509)-543-3231. Call Sign WUJ42 Ice Harbor
Lower Monumental, Lake Herbert G. West: 537 to 538.5 (509) 282-7231. Call Sign WUJ43 Lower Monumental
Little Goose, Lake Bryon: 633 to 634.5 (509) 399-2233 x231. Call Sign WUJ44 Little Goose
Lower Granite, Lower Granite Lake: 733 to 736.5 (509) 843-2231. Call Sign WUJ45 Lower Granite

The variable MOP at Lower Granite is based on Snake River flows:

INFLOW	FOREBAY RANGE
120,000+ CFS	733.0-734.5
80,000-120,000 CFS	734.0-735.5
50,000-80,000 CFS	734.5-736.0
0 – 50,000 CFS	735.0-736.5

Because State water quality standards have changed since 2019, there may be a higher rate of discharge through the dam spillways compared to previous years, and river navigators may experience currents and eddies in the tailrace not previously encountered. If navigators believe river conditions inhibit safe navigation to or from a lock, they may request a temporary adjustment to spill using the contact information below. Contact with lock and dam shift operators should be initiated no less than 30 minutes prior to arriving at the lock, as a requested redistribution or reduction of spill may take as long as 30 minutes to attenuate. Additionally, downstream departures may be delayed for the requested spill change to be implemented and take effect. Navigators are encouraged to contact dam operators and report any unsafe navigation conditions. For additional information, contact the NWW Operations Division at (509) 527-7364.

Charts: 18545 18546 18547 18548

LNLM: 13/20

WASHINGTON – LAKE WASHINGTON – SAMMAMISH RIVER – Bridge Notice

Construction has started on the West Sammamish River Bridge at Sammamish River mile 0.5 near Kenmore, Washington, 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 0700 to 1600 five days per week. 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

LNLM: 13/20

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

The West Seattle Freeway Bridge (LLNR 16870.2) across the Duwamish Waterway, mile .35, is closed to highway traffic as of Monday 23 March 2020. The bridge is closed to perform emergent critical repairs with no estimated date of repair. Seattle Department of Transportation has elected to completely shut down the bridge after discovering a series of cracks and structural concerns that could endanger travelers. Since this bridge closure is expected to force road traffic to alternate routes, the Coast Guard is requesting all marine recreational vessels to not request an opening for the Spokane Street Swing Bridge (LLNR 16870.1) during morning and evening rush hour traffic, specifically 0600 to 0900 and 1500 to 1800, Monday through Friday. The Coast Guard emphasizes that this is not an official Drawbridge Regulation Change but is a request to the maritime community to voluntarily share the burden of this unexpected event. For additional information contact Matthew Donahue at Seattle DOT, (206) 684-5301.

Chart 18450

LNLM: 12/20

WASHINGTON – PUGET SOUND – HOOD CANAL – Safety zone enforcement for training exercises

The Coast Guard will enforce the safety zones around vessels involved in Coast Guard training exercises in Hood Canal, WA set forth in 33 CFR 165.1339, from 0800 on 11 May 2020 through 1700 on 15 May 2020. Under the provisions of 33 CFR 165.1339, no person or vessel may enter or remain within 500 yards of any vessel involved in Coast Guard training exercises while such vessel is transiting Hood Canal, Washington, between Foul Weather Bluff and the entrance to Dabob Bay, unless authorized by the Captain of the Port or her Designated Representative. All vessel operators seeking to enter any of the zones during the enforcement period must obtain permission by contacting the on-scene patrol

commander on VHF-FM channel 13 or 16, or the Sector Puget Sound Joint Harbor Operations Center at (206) 217-6001. Mariners will be able to identify participating vessels as those flying the Coast Guard Ensign. The Captain of the Port may also be assisted in the enforcement of the zone by other federal, state, or local agencies. The Captain of the Port will issue a general permission to enter the safety zones if the training exercise is completed before 1700 on 15 May 2020.

Charts: 18441 18458 18476 18477

LNM: 12/20

WASHINGTON – EVERETT HARBOR - SNOHOMISH RIVER – Bridge inspection

WSDOT will be inspecting the SR 529 Highway Bridge (North Bound) (LLNR 18591.3) over the Snohomish River, mile 3.7, and the SR 529 Highway Bridge (North Bound) (LLNR 18594.11) over the Steamboat Slough, mile 1.2, from 0800 to 1500 on 20 and 23 Jul 2020. The bridges will be inspected using an under-bridge inspection truck (UBIT) that occupies a portion of the roadway and extends a boom under the bridge. There is no fixed impact to navigational clearance from this operation (an approximate 10 ft. reduction to clearance while bucket is under the bridge) however UBIT will promptly give way to tall marine vessels. Mariners are advised to use caution while transiting the area. The UBIT bucket will have a flashing orange light on the bottom and a safety lookout will be on the bridge. Bridge openings will occur as usual. For additional information, contact Mr. Alan Kuper, P.E. at (360) 701-0556 or kupera@wsdot.wa.gov.

Chart 18444

LNM: 12/20

COLUMBIA RIVER – CRIMS ISLAND TO ST HELENS – NOAA research buoy temporary deployment

NOAA is deploying a science research buoy with current meter in the Columbia River in the vicinity of Stella Range from 18 May to 11 Sep 2020. The buoy will be deployed in location 46-10-28.500N, 123-06-22.800W, which is at RM 57.5, on the Oregon side of the river, abeam of Crims Island Dike Light 6 (LLNR 10685), approximately 250 yards outside of the navigational channel. The buoy is yellow in color, cylindrical in shape, and will be lit with a yellow light flashing with 5 1-second flashes every 20 seconds (Fl Y (5) 20s). For more information, contact NOAA’s Drew Maczko at (206) 526-6918 or email Drew.Maczko@noaa.gov.

Chart 18524

LNM: 11/20

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
590	NOAA Environmental Lighted Buoy 46015	MISSING	18580	0932-19	48/19	
645	Yaquina Bay Approach Lighted Whistle Buoy Y	AIS INOP	18581	0959-19	50/19	
755	Strait of Juan De Fuca Traffic Separation Lane Lighted Whistle Buoy J	MISSING	18460	0482-19	28/19	
765	Duntze Rock Lighted Bell Buoy 2	MISSING	18485	0074-19	04/19	
765.1	NOAA Environmental Lighted Buoy 46002	MISSING	18007	0407-17	20/17	
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	18602	0248-19	15/19	
9520	Siuslaw River Channel Light 14	STRUCT DEST	18583	0764-18	37/18	
9575	Yaquina Bay Approach Lighted Whistle Buoy Y	AIS INOP	18581	0959-19	50/19	
9590	Yaquina Bay Entrance Lighted Gong Buoy 1	AIS INOP	18581	0959-19	50/19	
9595	Yaquina Bay Entrance V-AIS 2	AIS INOP	18581	0959-19	50/19	
9600	Yaquina Bay Entrance Lighted Buoy 3	AIS INOP	18581	0959-19	50/19	
9605	Yaquina Bay South Jetty Light 4	AIS INOP	18581	0959-19	50/19	
9608	Yaquina Bay North Jetty V-AIS 5	AIS INOP	18581	0959-19	50/19	
9846	Garibaldi Channel Light 11	STRUCT DEST	18558	0849-18	40/18	
10400	Clifton Dike Light 42	LT EXT/DAYMK MISSING	18523	0277-20	15/20	
10525	Westport Channel Lighted Buoy 68	OFF STA	18523	0641-19	35/19	
10975	Martin Island Dike Light 63	STRUCT DMGD	18524	0511-18	24/18	

12140	The Dalles Dam Buoy B	OFF STA	18533	0166-20	07/20
12980	Lake Wallula West Channel Junction Light W	STRUCT DEST	18542	0208-20	09/20
14385	Franklin D. Roosevelt Lake Buoy 22	MISSING	18553	None	43/19
14435	Baker Bay West Channel Daybeacon 7	STRUCT DEST	18521	0739-17	35/17
15040	Oswego Rock Daybeacon	STRUCT DEST	18528	0394-17	20/17
15210	Willapa Bay Entrance Light 13	STRUCT DEST	18504	0839-16	38/16
15545	Grays Harbor Bar Range Rear Light	LT EXT	18502	0160-20	07/20
15575	Grays Harbor Entrance Lighted Buoy 9	MISSING	18502	0280-20	15/20
15615	Grays Harbor South Reach Range A Rear Light	DAYMK MISSING	18502	0195-20	08/20
16071.25	Hoquiam River Obstruction Buoy	MISSING	18502	0178-20	08/20
16135	Strait of Juan De Fuca Traffic Separation Lane Lighted Whistle Buoy J	MISSING	18460	0482-19	28/19
16150	Duntze Rock Lighted Bell Buoy 2	MISSING	18485	0074-19	04/19
17410	West Olympia Shoal Light 1	MISSING	18456	0140-20	06/20
17840	Hazel Point Light	LT IMCH	18458	0270-20	14/20

DISCREPANCIES (FEDERAL AIDS) CORRECTED

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

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
10455	Chip Dock Light	LT EXT	18523	0855-19	44/19	
16115	University of Washington LaPush Research Lighted Buoy	MISSING	18480	0944-19	49/19	
16925	Blake Island Light 1	LT EXT	18449	0279-20	15/20	
19755	Pearl Island Dock Light	LT IMCH	18433	0937-19	48/19	
19894	Intalco Pier South Light	STRUCT DEST	18431	0988-19	51/19	

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	
9520	Siuslaw River Channel Light 14	TRLB	18583	0764-18	37/18	

9846	Garibaldi Channel Light 11	TRLB	18558	0857-18	41/18
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
15595	Grays Harbor Channel Lighted Whistle Buoy 11	RELOCATED FOR DREDGING	18502	0174-20	08/20
15655	Grays Harbor South Reach Lighted Gong Buoy 21	RELOCATED FOR DREDGING	18502	0175-20	08/20
17410	West Olympia Shoal Light 1	TRLB	18456	0163-20	07/20

TEMPORARY CHANGES CORRECTED

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

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNLM St	LNLM End
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None

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNLM St	LNLM End
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None

SECTION IV - CHART CORRECTIONS

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

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

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

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

Chart Number	Chart Edition	Edition Date	Last Local Notice to Mariners	Horizontal Datum Reference	Source of Correction	Current Local Notice to Mariners
18587	71st Ed.	01-APR-11	Last LNM: 43/19	NAD 83		15/20
Chart Title: Coos Bay						
Main Panel 1796 COOS BAY. Page/Side: N/A						
CHANGE	South Slough Light 8				CGD13	at 43-20-51.519N 124-19-11.837W
	Nominal range to 4M.					

SECTION V - ADVANCE NOTICES

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

SUMMARY OF ADVANCED APPROVED PROJECTS

Approved Project(s)	Project Date	Ref. LNM
None		
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 changes are expected to occur during the winter of 2019 or spring of 2020. The remaining changes are:

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

Willow Upper Range Rear Light (LLNR 11160) 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-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.

Charts: 18524 18525

LNM: 52/19

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-PF-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

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

<u>Proposed Change Notice(s)</u>
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: 15/20

SUMMARY OF DREDGING OPERATIONS

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

LNM: 15/20

SUMMARY OF MARINE EVENTS

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

LNM: 15/20

OREGON – COOS BAY – McCullough Highway Bridge Notice

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

Chart 18587

LNM: 11/19

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

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

Chart 18521

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

LNM: 10/19

COLUMBIA RIVER – BONNEVILLE TO THE DALLES – Bridge construction

Advanced American Construction (AAC) will be conducting bridge construction in the Columbia River at the mouth of Little White Salmon River / Drano Lake, near RM 162. Operations include pile driving and work is expected to occur from 06 Jan 2020 to 04 Feb 2021. AAC's Derrick Barge DB 4100, 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 at (360) 953-4833 and email Shadh@callAAC.com or Todd High at (503) 572-0101 and email Toddh@callAAC.com with any questions.

Chart 18532

LNM: 51/19

WASHINGTON – PUGET SOUND – NORTHERN PART – PORT MADISON AND PORT ORCHARD – Painting of the Agate Pass Bridge

WSDOT will be painting the Agate Pass Bridge (LLNR 17935) on a 24 hour daily schedule from 01 Jun 2019 to 01 Jun 2020 (Monday through Saturday). WSDOT will be using containment to prepare and paint sections of the bridge one section at a time. At mean high water elevation Agate Pass Bridge provides 76 feet of vertical navigation clearance. The containment system will reduce the bridge's vertical clearance by approximately 8 feet thus reducing the vertical navigation clearance to 68 feet in the vicinity of the containment systems. Bridge navigation lights will not be affected. Vessels that require the bridge's full vertical clearance, may use a section without containment, plan to navigate at low water or use Rich Passage as an alternate route. Mariners exercise caution for falling debris when transiting underneath the Agate Pass Bridge. For further information please contact the WSDOT Assistant Project Engineer Andy Larson at (360) 874-3011, or email LarsonA@wsdot.wa.gov.

Chart 18441

LNM: 20/19

WASHINGTON – LAKE WASHINGTON SHIP CANAL - George Washington Memorial Bridge Notice (Revised from LNM 01/18)

Washington State Department of Transportation will be conducting painting and preservation operations on the George Washington Memorial Street Bridge (Aurora Avenue Bridge) (LLNR 18184). The work will be conducted from 01 Apr 18 through 31 Oct 20. Hours of work will be from 0700 to 1900, Monday through Saturday. The subject bridge provides 135 feet of vertical clearance will be reduced to 125 feet for containment. The containment will be marked with flashing yellow lights and signage. Half of the 150 feet of horizontal clearance will have containment. Mariners may transit under the bridge at any time, and are advised to use caution while transiting the area. For additional information, contact Nick Hadsell, PM, at (330) 402-3232 or nhadsell@libertymaintenanceinc.com.

Chart 18447

LNM: 26/18

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 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 Windermere 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 38/19)

American Bridge Company will be constructing a temporary work trestle for the State Route (SR) 520 West Approach Bridge South project in southern Union Bay from 04 Nov 2019 through 29 Jan 2021. The temporary work trestle will be left in place through October 2022 and used for demolishing the existing West Approach Bridge South and constructing the new Approach Bridge. The limits of the temporary work trestle extend from the bridge abutment to approximately 1,100ft west of the west navigation channel. Mariners are advised to transit with caution when navigating near the project area and be aware that no boaters are permitted between the active work zone and work trestles at any time. A graphical representation of the impacted area was included as Enclosure (4) to LNM 43/19. For additional information, contact Dennis Suh at (504) 206-6494 or email at dsuh@americanbridge.net.

Chart 18447

LNM: 40/19

WASHINGTON – LAKE WASHINGTON SHIP CANAL – LAKE WASHINGTON - Interstate 90 Highway Bridge construction (Revised from LNM 28/19)

Kiewit-Hoffman will be performing seismic upgrades to the existing approach piers for the Interstate 90 (I-90) Highway Bridge (LLNR 18389 and 18398). The west navigation channel and east navigation channels for the I-90 Floating Bridge will have marine activities, including the moving of barges, but will stay open to mariners. Mariners are advised to use caution while transiting near barges within the Sound Transit E130 project area. These vessels are currently moored to columns and may present hazards. Construction barges located within the work zones will be marked with steady white lights on all four corners. Mariners should maintain a safe distance and minimize wake around all floating barges and other construction vessels. The eastern navigation channel will be open and will not change vertical or horizontal clearances. Two temporary mooring buoys marked with white lights flashing every 4 seconds (FI W 4s) have been relocated near the bridge for the mooring of the barges. The positions are:

Mooring Buoy (Northwest side of I-90 Floating Bridge) 47-35-32.040N, 122-16-49.740W

Mooring Buoy (Northeast side of I-90 Floating Bridge) 47-35-31.860N, 122-15-37.680W

Mariners should not deviate from these established paths through navigations channels when open to vessel traffic. Construction and operations at this site are expected to continue through 2020. For additional information contact Evan Spading (808)-342-3561 or email Evan.spading@kiewit.com.

Chart 18447

LNM: 05/20

WASHINGTON – PUGET SOUND – ANACORTES TO SKAGIT BAY – DECEPTION PASS – Bridge notice

WSDOT will be cleaning, painting and repairing the bridges over Deception Pass and Canoe Pass south of Anacortes. The work is expected to begin at 0600 on 01 Apr 2019 and be complete by 2000 on 31 Oct 2020. The Deception Pass Bridge has a vertical clearance of 144 feet, and the vertical clearance under the Canoe Pass Bridge is 154 feet. No in-water work will be conducted, and a full containment system will be employed, however, mariners are cautioned that fall hazards will exist. For further information on this project contact the Project Engineer, Shane Spahr, at (360) 848-

WASHINGTON – PUGET SOUND – ANACORTES TO SKAGIT BAY – DECEPTION PASS – Bridge notice

7103 or email spahrs@wsdot.wa.gov.

Chart 18427

LNLM: 06/19

COLUMBIA AND SNAKE RIVERS – Winter seasonal recreational vessel lockage

The USACE Portland and Walla Walla Districts have implemented the winter seasonal lockage schedule, from 21 Sep 2019 to 17 May 2020, 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

LNLM: 39/19

OREGON – WASHINGTON – Navigation Rules and Regulations Handbook changes

Federal Register / Vol. 84, No. 125 / Friday, June 28, 2019 published non-substantive technical, organizational, and conforming amendments to existing Coast Guard regulations. Included were changes to:

- Vessel Bridge-to-Bridge Radio Telephone Regulations (33 CFR § 26)
- COLREGS Demarcation Lines (33 CFR § 80)
- 72 COLREGS Implementing Rules (33 CFR § 81)
- Inland Navigation Rules (33 CFR § 83)
- Inland Navigation Rules – Implementing Rules (33 CFR § 89)
- Vessel Traffic Management (33 CFR § 161)

All of these rules are represented in the U.S. Coast Guard Navigation Rules and Regulations Handbook. These changes are outlined as originally published in Federal Register / Vol. 84, No. 125 / Friday, June 28, 2019 and were included as Enclosure (4) to LNM 13/20.

LNLM: 10/20

OREGON – SIUSLAW RIVER – Shoaling at entrance to Siuslaw River

The Coast Guard has observed significant shoaling at the entrance to Siuslaw River. Mariners are urged to exercise caution when transiting the bar, especially at low tide. Approximately 200 yards west of the jetty tips is an area of significant shoaling with depths as shallow as 8 feet. This shoal area is causing the bar to break in lighter weather conditions than is normal. Local mariners can contact Coast Guard Station Siuslaw River for more information.

Chart 18583

LNLM: 45/19

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

From 22 Apr through 28 May 2020, the Washington Department of Fish and Wildlife (WDFW) Marine Fish Science (MFS) Unit will conduct their annual bottom trawl survey to assess marine fish living in the waters of Puget Sound, including the Strait of Juan de Fuca, Strait of Georgia, San Juan Archipelago, Hood Canal, Central Sound, and South Sound regions. The F/V Chasina, a 57-foot seiner/trawler (call sign WYQ-6987), will conduct the operations for WDFW and will carry WDFW RESEARCH placards posted on both sides of the upper deck. The MFS Unit has conducted this trawl survey annually since 1987 and sampled a series of fixed index stations since 2008. For more information on WDFW's MFS unit and the bottomfish programs, visit <https://wdfw.wa.gov/species-habitats/species/bottomfish> or contact Jennifer Blaine at (425) 379-2313 (office) or (425) 231-9476 (cell) or email at Jennifer.Blaine@dfw.wa.gov.

Charts: 18400 18421 18440 18441 18448 18460

LNLM: 08/20

WASHINGTON – STRAIT OF GEORGIA AND STRAIT OF JUAN DE FUCA – Acoustic research buoys

SMRU Consulting will be testing acoustic buoys in three locations in the Middle Bank and Hein Bank areas south of San Juan Island, from 01 Jun until 01 Nov 2020. The buoys will be monitoring underwater acoustic noise, and will be located in the following approximate positions: (A) 48-24-25.0452N, 122-58-51.8952W (B) 48-23-6.1728N, 123-7-28.7112W (C) 48-19-54.012N, 123-4-25.95W. A chart graphic was included as Enclosure (4) of LNM 11/20. Buoys are 2-foot diameter, yellow in color, marked with a FL Y 6s (flashing yellow six second) light and an orange flag. Mariners are requested to keep a safe distance from the buoy. For additional information, contact Jason Wood at (306) 298-0166 or jw@smruconsulting.com.

Chart 18421

LNLM: 08/20

WASHINGTON – PUGET SOUND – ELLIOTT BAY - Colman Dock construction

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

Chart 18450

LNLM: 27/17

WASHINGTON – PUGET SOUND – ELLIOTT BAY – Terminal 5 pier construction

Orion Marine will be performing pile removal, demolition of structures, and new pier construction for the Terminal 5 Berth Modernization Project for the Port of Seattle on the Duwamish River west waterway. Phase 1 will start 22 Jul 2019 and run through 31 Dec 2020 and phase 2 will run from Jun 2021 through Mar 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 Bradley Morlock at (253) 552-1140 or email at bmorlock@orionmarinegroup.com

Chart 18450

LNM: 28/19

WASHINGTON – LAKE WASHINGTON SHIP CANAL – PORTAGE BAY REACH – Marine construction

Redside Construction will be conducting a marine construction project from 01 Mar to 15 May 2020, on the north side of the Portage Bay Reach, 225 yards east of the University Street Bridge (LLNR 18235) in approximate position 47-39-08.294N, 122-19-03.061W. The project will include demolition, pile driving and walkway construction. The spud barge Whitehorse will be moored so that 30 feet of the barge will extend past the current pierhead line and will display white lights on all four corners unless underway. Mariners are urged to transit at their slowest safe speed to minimize wake and proceed with caution. For questions or concerns, please contact the project superintendent David Berry at (206) 940-2529 or Sam Berry at (206) 940-0564.

Chart 18447

LNM: 08/20

WASHINGTON – LAKE WASHINGTON – Deployed wind-wave research lighted buoy

Seattle University and Sound Transit will be conducting research in the vicinity of the Interstate 90 Highway Bridge (west channel) (LLNR 18389) starting on 01 Sep 2019 through 01 May 2020, 24 hours a day. Sound Transit will deploy a black and yellow wave buoy that will be marked by a flashing white 2.5 seconds light, to measure wave heights. The buoy will be anchored 100 yards north of the center of the bridge in position 47-35-28.842N, 122-16-50.822W, which is within the I-90 Floating Bridge boater exclusion zone. Sound Transit requests all mariners keep 50 yards from the buoy to minimize wake as well as protect the buoy and the data it collects. For more information, contact Jason Snodderly of Sound Transit at (206) 370-5592 or email Jason.Snodderly@soundtransit.org.

Chart 18447

LNM: 34/19

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

The Naval Surface Warfare Center Detachment Puget Sound, located at SUBASE Bangor, will be working with Western Towboat to operate the Research, Development, Test and Evaluation Barge M241 in the vicinity of Big Beef Creek from sunrise until sunset starting 28 Feb 2020 and ending 24 Apr 2020, seven days a week. The operations will consist of many low speed straight line courses parallel to the shoreline with some stationary periods to perform deck operations. The operations will be conducted in an area between Misery Point (47-39-17.57N, 122-49-43.40W) and Hazel Point (47-41-34.81N, 122-46-15.93W). A 28-foot tracking vessel may accompany the barge and occasionally be underway to participate in operations. Questions can be directed to any operating support craft/personnel on marine VHF-FM Channel 16 or 88A, or the Naval Surface Warfare Center waterfront points of contacts Mark Moss at (360) 396-2948 or Steve Polillo at (360) 315-0333.

Chart 18458

LNM: 08/20

WASHINGTON – PUGET SOUND – APPLE COVE TO KEYPORT – Submersible Vehicle testing (Revised from LNM 49/19)

The Naval Undersea Warfare Center (NUWC) at Keyport, WA will be continuing operations in the vicinity of NUWC between the Brownsville Marina and Keyport through 23 Dec 2020. Operations will be conducted Monday through Friday during daylight hours. Operations will involve semi-submersible 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: 50/19

OREGON – WASHINGTON – IDAHO – NOAA's planned end of paper chart production

On 15 Nov 2019, NOAA formerly announced in the Federal Register (Docket #2019-24807) that they would begin a 5-year process of discontinuing their traditional paper, or raster, charts by 2025. NOAA intends to gradually 'sunset' raster chart products and is introducing an option to create custom ENC data based charts that can be printed as a paper copy locally or commercially, via one of their certified third party printers. More detailed information regarding this transition is available from <https://nauticalcharts.noaa.gov/publications/docs/raster-sunset.pdf>. Comments/questions on the Federal Register Notice and the NOAA Custom Chart application should be submitted at <https://www.nauticalcharts.noaa.gov/customer-service/assist/>. Other concerns may be directed to your local NOAA Navigation Manager, <https://nauticalcharts.noaa.gov/customer-service/regional-managers/index.html>. In order to identify and overcome the regulatory challenges associated with this transition including but not limited to updating commercial vessel carriage requirements and maritime safety information processes, NOAA will continue to work directly with its Agency charting partners. A prototype version of the NOAA Custom Chart Tool is available at <https://devgis.charttools.noaa.gov/pod/>.

LNM: 03/20

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
9165	SOUTH SLOUGH LIGHT 8 75 feet outside channel limit.	43-20-51.519N 124-19-11.837W	FI R 2.5s	16	4	TR on pile.	Obscured from 055° to 160°.

*

ENCLOSURES

Enclosure 1

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

LNLM: 15/20

Enclosure 2

OREGON - WASHINGTON - COLUMBIA RIVER - Summary of Dredging Operations

LNLM: 15/20

Enclosure 3

OREGON - WASHINGTON - COLUMBIA RIVER - Summary of Marine Events

LNLM: 15/20

Enclosure 4

COLUMBIA RIVER – VANCOUVER TO BONNEVILLE – Interstate 5 Highway Bridge notice

LNLM: 14/20

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						
	8990	Coos Bay Railroad Bridge	North Bend, OR	Main Lights extinguished, Temp Red lights installed	4/30/2018	0369-18
	9558	Florence Highway 101 Bridge	Florence, OR	Clearance Gauge missing	6/25/2019	None
	9627	Yaquina Bay Highway 101 Bridge	Newport, OR	Clearance Gauge missing	6/17/2019	0433-19
COLUMBIA RIVER						
	12752	I-82 Highway Bridge (SB)	Umatilla, OR	Center span green light extinguished	2/18/2020	0168-20
SNAKE RIVER						
	13617	Sargent Railroad Bridge	Pataha, WA	Red, westbound, pier light extinguished	11/20/2019	0920-19
	13757	Central Ferry Highway Bridge	Pomeray, WA	Multiple lights extinguished	1/23/2020	0082-20
	14070	Camas Prairie RR Bridge	Lewiston, ID	Multiple lights extinguished	9/16/2019	0705-19
	14072	Clearwater Memorial Highway Bridge	Lewiston, ID	Downbound sidelights extinguished	12/6/2019	0961-19
WILLAMETTE RIVER						
	15152	Wilsonville Railroad Bridge	Wilsonville, OR	Multiple lights extinguished	10/17/2019	0802-19
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
14-Apr-20	16-Apr-20	TBD	Port Orford; alongside pier	N/A	None	N/A	Ashore	13/20
24-Apr-20	25-Apr-20	24 Hrs/7 Days	Columbia River; Miller Sands (RM 22+23 to 22+40)	M/V ESSAYONS	None	VHF-FM 13 &16	W-18.1-IW	15/20
23-Apr-20	24-Apr-20	24 Hrs/7 Days	Columbia River; Pillar Rock (RM 25+10 to 25+30)	M/V ESSAYONS	None	VHF-FM 13 &16	W-24.0-IW	15/20
23-Apr-20	23-Apr-20	24 Hrs/7 Days	Columbia River; Brookfield Welch (RM 33+14 to 33+20)	M/V ESSAYONS	None	VHF-FM 13 &16	W-31.4-IW	15/20
21-Apr-20	23-Apr-20	24 Hrs/7 Days	Columbia River; Skamokawa (RM 33+25 to 36+05)	M/V ESSAYONS	None	VHF-FM 13 &16	W-32.0-IW & W-31.7-IW	15/20
21-Apr-20	21-Apr-20	24 Hrs/7 Days	Columbia River; Puget Island (RM 38+10 to 38+50)	M/V ESSAYONS	None	VHF-FM 13 &16	W-36.8-IW	15/20
20-Apr-20	20-Apr-20	24 Hrs/7 Days	Columbia River; Eureka Bar (RM 48+17 to 48+35)	M/V ESSAYONS	None	VHF-FM 13 &16	O-40.1-IW	15/20
20-Apr-20	20-Apr-20	24 Hrs/7 Days	Columbia River; Eureka Bar (RM 51+25 to 51+50)	M/V ESSAYONS	None	VHF-FM 13 &16	W-53.8-IW	15/20
19-Apr-20	20-Apr-20	24 Hrs/7 Days	Columbia River; Walker (RM 60+05 to 61+10)	M/V ESSAYONS	None	VHF-FM 13 &16	W-54.7-IW	15/20
18-Apr-20	18-Apr-20	24 Hrs/7 Days	Columbia River; Lower Dobelbower (RM 67+15 to 67+48)	M/V ESSAYONS	None	VHF-FM 13 &16	O-62.8-IW & W-62.0-IW	15/20
17-Apr-20	17-Apr-20	24 Hrs/7 Days	Columbia River; Vancouver Bar & Turning Basin (RM 103+00 to 105+15)	M/V ESSAYONS	None	VHF-FM 13 &16	O-100.3-IW	15/20
25-Apr-20	18-May-20	24 Hrs/7 Days	Grays Harbor; Bar, Entrance Channel & Pt. Chehalis	M/V ESSAYONS	None	VHF-FM 13 &16	South Beach; Pt Chehalis	15/20

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 Noted	

SECTOR PUGET SOUND MARINE EVENTS

EVENT DATE	TIME	EVENT NAME	EVENT LOCATION
		None Noted	

NOTICE TO MARINERS



April 2020

The northbound span of the Interstate Bridge over the Columbia River (River Mile 106.5) requires repairs to prevent failure of the 272-foot high lift span that allows marine traffic through the main river navigation channel.

In September of 2020, ODOT will replace bridge components including the two sheave/trunnion/bearing (pulley) assemblies and counterweight cables in the top of the tower at the south end of the bridge lift span.

Routine inspection revealed a half inch deep crack in the trunnion. The bridge is currently safe, but the crack has grown from 4.0 inches long to 6.5 inches long in 2 years and analysis indicates that it could reach critical depth causing catastrophic failure by 2045.

INTERSTATE BRIDGE CLOSURE

The northbound span of the Interstate Bridge will close to vehicle traffic from September 12–September 20, 2020 and will affect river navigation by interrupting the operation of the lift span.

LIFT SPAN

The lift span cannot be raised while the trunnions and other associated bridge components are replaced.

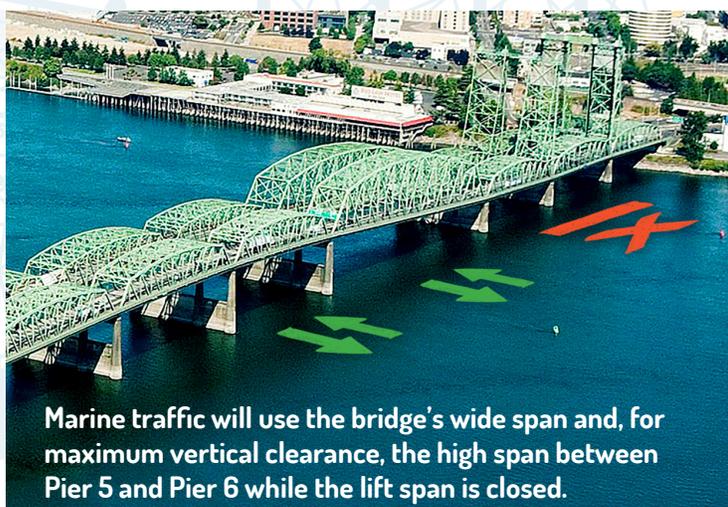
During this closure, marine traffic will use the bridge's wide span and, for maximum vertical clearance, the high span between Pier 5 and Pier 6 (3 white lights over 1 green light) with 72 feet of clearance to the zero water level mark.

ANTICIPATED SCHEDULE

The navigable channel under the lift span, between Pier 2 and Pier 3, will close to marine traffic from:

12:01 a.m. on September 10, 2020 (closure starts) through 11:59 p.m. on September 22, 2020 (closure ends).

During the remainder of the project, the lift span will operate normally.



Marine traffic will use the bridge's wide span and, for maximum vertical clearance, the high span between Pier 5 and Pier 6 while the lift span is closed.



Interstate Bridge with lift span lowered.

MORE INFORMATION

Outreach will continue as the project progresses.

For additional information or questions, contact:

Ellen Sweeney
ODOT Community Affairs
 503-731-8230
 Ellen.Sweeney@odot.state.or.us

Visit www.InterstateBridge.org for more project information and to sign up to for electronic updates.

