



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

LOCAL NOTICE TO MARINERS

District: 13

Week: 51/12

ISSUED BY: COMMANDER, THIRTEENTH COAST GUARD DISTRICT (dpw)
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COMDTPUB P16502.6, Light List Volume VI, 2012 Edition and Coast Pilot Volume 7.
Coast Pilots, along with corrections, are available at: <http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm>.

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). NANU notices can also be obtained via e-mail subscription through the USCG Navigation Center website:

<http://www.navcen.uscg.gov/?pageName=GPS>.

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, Email: webmaster@navcen.uscg.mil, or on the World Wide Web: <http://www.navcen.uscg.gov>.

BROADCAST NOTICE TO MARINERS

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

Originating Unit	Beginning BNM	Ending BNM
CGD THIRTEEN	D13-1460-12	D13-1496-12

ABBREVIATIONS

A through H

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

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
MSLD - Misleading
N/C - Not Charted
NGA - National Geospatial-Intelligence Agency
NO/NUM - Number

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
s - seconds
SEC - Section
SHL - Shoaling
si - silent
SIG - Signal
SND - Sound
SPM - Single Point Mooring Buoy
SS - Sound Signal
STA - Station
STRUCT - Structure
St M - Statute Mile
TEMP - Temporary Aid Change

fl - flash
FI - Flashing
G - Green
GIWW - Gulf Intracoastal Waterway
HAZ - Hazard to Navigation
HBR - Harbor
HOR - Horizontal Clearance
HT - Height

NOS - National Ocean Service
NW - Notice Writer
OBSCU - Obscured
OBST - Obstruction
OBSTR - Obstruction
Oc - Occulting
ODAS - Anchored Oceanographic Data Buoy

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 LLNR - Light List Number RM - River Mile Marker IVO - In Vicinity Of NM - Nautical Miles
WSDOT - Washington Department of Transportation NUWC - Naval Undersea Warfare Center CPA - Closest Point of Approach

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

COLUMBIA RIVER – CATHLAMET CHANNEL – Severe and Increased Shoaling

Due to severe and increasing shoaling, the southeast portion of Cathlamet Channel, from Little Island to Nassa Point is no longer safe to navigate, or mark with AtoN. The following AtoN has been removed until further notice: Cathlamet Channel Buoy 5 (LLNR 10543), Cathlamet Channel Buoy 6 (LLNR 10545), Cathlamet Channel Buoy 7 (LLNR 10550), and Cathlamet Channel Buoy 7A (LLNR 10551).

Chart 18523

LNM: 51/12

WASHINGTON – ELLIOTT BAY – DUWAMISH RIVER – Construction Update

The Duwamish Waterway at the South Park Bridge, mile 3.8, will be blocked to vessel traffic from 0700 until 1900 on 27 Dec 12, and on 28 Dec 12. Partial obstruction of the waterway will continue for construction work along the east side of the Duwamish Waterway along both sides of South Park Bridge, and will be completed on 28 Feb 13. Floating crane barges, a dredge and material barges will be used on site. The construction vessels will monitor VHF-FM Ch 14 and 16. All mariners transit the area with no wake.

Chart 18450

LNM: 51/12

OREGON – WILLAMETTE RIVER – SALEM – WILLAMETTE SLOUGH – Special Bridge Notice

The USCG has issued a public notice announcing a proposed pedestrian/bicycle bridge across the Willamette Slough mile 0.3, at Minto Island, Salem, Oregon, approximate position 44-56-19.0N, 123-02-42.0 W. The City of Salem proposes to construct a pedestrian/bicycle bridge across the Willamette Slough between Minto Island and Riverfront Park in downtown Salem. Public Notice 02-12 solicits comment concerning the proposed bridge and is available at <http://www.navcen.uscg.gov/?pageName=pnBridges&Active=1®ion=13>. Question and comments concerning the public notice, and proposed bridge may be directed to Mr. Randall Overton, USCG Bridge Administrator, at (206) 220-7282 or Randall.d.overton@uscg.mil.

LNM: 51/12

COLUMBIA RIVER – CATHLAMET BAY SOUTH CHANNEL – Temporary Buoy Relocated

The temporary lighted red buoy '2' established to mark the vicinity of Cathlamet Bay South Channel Light 2 (LLNR 14720) has been relocated to approximate position 46-12-45.104N, 123-45-22.619W. The light characteristics remains flashing quick red (QR).

Chart 18521

LNM: 51/12

OREGON – WILLAMETTE RIVER – TOE ISLAND TO ELK ROCK – Special Caution

Recent rain fall has increased river run-offs causing water levels to rise higher than normal, with high current flows and excessive debris in the water. Floating AtoN may be off station, or missing, therefore, special caution should be used while transiting between Toe Island Light 1 (LLNR 14978) at RM 15 and Elk Rock Island Light 13 (LLNR 15025) at RM 19. Mariners should not rely solely on floating AtoN to ascertain their position. The USCG will conduct AtoN verification on all buoys when the river stabilizes. Please continue to report discrepancies to USCG Sector Columbia River.

Chart 18528

LNM: 50/12

WASHINGTON – WHIDBEY ISLAND – Proposed DGPS Off-Air Time

The USCG NAVCEN is proposing an off-air time at the Whidbey Island, WA, DGPS (888) broadcast site for preventive maintenance from 1000 to 1200 on 03 Jan 13, with an alternate time from 1000 to 1200 on 04 Jan 13. Mariners may experience some loss of coverage during these times. For additional information or objections, contact Navigation Center DGPS Operations at (703) 313-5902.

LNM: 50/12

WASHINGTON – ROBINSON POINT DGPS – Proposed DGPS Off-Air Time

The USCG NAVCEN is proposing an off air date for Robison Point, WA DGPS (887) for 07 Jan 13 from 0800 until 1600. An alternate date will be

08 Jan 13 from 0800 until 1600. The outage is needed for a tower inspection. No loss of DGPS coverage is expected. For additional information or objections, contact Navigation Center DGPS Operations at (703) 313-5902.

LNM: 50/12

OREGON – WASHINGTON – COLUMBIA RIVER – FORT STEVENS DGPS SITE – Proposed DGPS Off-Air Time

The USCG NAVCEN is proposing an off-air time at the Fort Stevens, OR, DGPS (886) broadcast site for a tower inspection from 0800 to 1600 on 14 Jan 13, with an alternate time from 0800 to 1600 on 15 Jan 13. Mariners may experience some loss of coverage during these times. For additional information or objections, contact Navigation Center DGPS Operations at (703) 313-5902.

LNM: 50/12

SNAKE RIVER – ICE HARBOR DAM – Water Level and Navigation Update

Because of the low flows that have persisted on the Snake River this fall, Reservoir Control Center is struggling to meet the demands for river water use. Rain run-off has not been enough recently to meet the requested 341.0 foot navigational aid for commercial traffic transiting past the Ice Harbor, however, this week a temporary increase in pool elevations can be accommodated because of rain fall. Even though the immediate weather outlook shows some potential for additional precipitation, this most likely will be in the form of snow rather than rain, so, direct increase in river flows may not be seen until the spring run-off.

Please note, as early as next week, zero nighttime power generation will begin. During this action, requests for 341.0 feet at Ice Harbor downstream approach will be suspended during nighttime hours.

The Special Pool Operation to Aid Safe Navigation past the shoaling at the Ice Harbor Coffers continues to be in place, but river conditions are not allowing for the higher pool elevation to occur when it is requested. Continue to contact the Ice Harbor Control Room for water elevation status and current river flows; but understand if the pool cannot reach 341.0 feet, there is just not enough water available to provide this elevation.

The web link to the pool elevation at the downstream side of the navigation lock is located at:
http://www.nwd-wc.usace.army.mil/ftppub/project_data/hourly/ihw.txt

Your cooperation in this matter is much appreciated. For additional information, please call Operations Division, at (509) 527-7115 or (509) 527-7120.

Charts: 18541 18545

LNM: 50/12

WASHINGTON – STRAIT OF JUAN DE FUCA – PORT ANGELES – Terminal Construction

Construction work is being conducted until 08 Apr 13 at the Black Ball ferry terminal in Port Angeles, WA. A derrick barge, Scandia, is anchored at the terminal using a four point anchor system, and white buoys with fixed non-flashing white lights mark the anchors. A white mooring buoy near the Scandia for construction vessel use only has been set. Mariners are advised to stay clear of the anchor markers and construction area. Working communications are via VHF-FM Ch 71, and VHF-FM Ch 16 will be monitored.

Chart 18468

LNM: 50/12

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 Bell Buoy CK	SS IMCH	18520	1300-12	45/12	
765.2	DART Tsunami Warning Lighted Buoy 46407	ADRIFT	18007	0512-12	18/12	
765.4	DART Tsunami Warning Lighted Buoy 46404	MISSING	18007	0179-12	06/12	
765.7	DART Tsunami Warning Lighted Buoy 46419	MISSING	18007	0927-10	39/10	
8745	Coos Bay Entrance Range Rear Light	LT EXT	18587	1392-12	49/12	
8805	Coos Bay Inside Range B Front Light	REDUCED INT	18587	1342-12	47/12	
9230	Umpqua River Entrance Buoy 2	MISSING	18584	1496-12	51/12	
10415	Bugby Hole Light 46	STRUCT DEST	18523	1156-11	25/11	
10480	Pancake Point Dike Light 59	STRUCT DEST	18523	0609-11	25/11	

10530	Cathlamet Channel Daybeacon 2	LT EXT/DAYMK MISSING	18523	1235-12	44/12
10890	Cottonwood Island Light 41	LT EXT	18524	1486-12	51/12
10980	Martin Island Middle Dike Light 65	STRUCT DMGD	18524	1076-11	45/11
11073	Warrior Rock Turn Lighted Buoy 1	LT EXT	18524	1485-12	51/12
11590	Tunnel Point Light 64	LT EXT	18531	1495-12	51/12
11615	Cape Horn Range Front Light	DAYMK MISSING	18531	1473-12	51/12
11620	Cape Horn Range Rear Light	DAYMK MISSING	18531	1474-12	51/12
11625	Candiana Light 69	LT IMCH	18531	0571-11	23/11
11770	Bonneville Pool Light 4	STRUCT DEST/LT EXT	18531	0905-10	37/10
11855	Bonneville Pool Light 22	LT EXT	18532	0222-12	07/12
14430	Baker Bay West Channel Daybeacon 6	DAYMK IMCH	18521	1168-12	43/12
14435	Baker Bay West Channel Daybeacon 7	DAYMK DMGD	18521	1220-12	44/12
14720	Cathlamet Bay South Channel Light 2	STRUCT DEST	18521	1234-12	44/12
15571	Grays Harbor Entrance Lighted Whistle Buoy 8	LT EXT	18502	1463-12	51/12
15585	Point Chehalis Range Front Light	DAYMK MISSING	18502	1012-09	50/09
15600	Grays Harbor Channel Lighted Whistle Buoy 13	OFF STA	18502	1465-12	51/12
15630	Grays Harbor South Reach Lighted Buoy 15A	OFF STA	18502	1464-12	51/12
15735	Grays Harbor North Channel Range D Front Light	DAYMK MISSING	18502	1430-12	50/12
16225	Race Rocks Light (C)	SS IMCH	18465	1085-12	39/12
16975	Puget Sound Traffic Separation Lane Lighted Buoy TA	REDUCED INT	18474	1177-12	43/12
18300	Kenmore Channel Lighted Buoy 4	OFF STA	18447	1481-12	51/12
19200	Viti Rocks Light	DAYMK MISSING	18424	1439-12	50/12
19325	Davidson Rock Light 1	DAYMK MISSING	18429	1441-12	50/12
19855	Ewing Island Reef Danger Buoy	MISSING	18431	0585-12	21/12

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
755	Strait of Juan De Fuca Traffic Separation Lane Lighted Buoy J	WATCHING PROPERLY	18485	1492-12	51/12	51/12
9830	Tillamook Bay Entrance Leading Light	RELIGHTED	18558	1466-12	50/12	51/12
11020	Martin Island Channel Lighted Buoy 75	WATCHING PROPERLY	18524	1478-12	51/12	51/12
15545	Grays Harbor Bar Range Rear Light	WATCHING PROPERLY	18502	1460-12	50/12	51/12
16135	Strait of Juan De Fuca Traffic Separation Lane Lighted Buoy J	WATCHING PROPERLY	18485	1492-12	51/12	51/12
17390	Itsami Ledge Light 7	RELIGHTED	18456	1483-12	51/12	51/12

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
694	Scripps Institute Wave Recorder Lighted Buoy 46248/179	ADRIFT	18521	1494-12	51/12	
16845	Smith Cove Lighted Buoy 3	LT IMCH	18450	1384-12	48/12	

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
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
586	Port Orford Jetty Light 3	DISCONTINUED	18589	1129-07	22/08	
635	Heceta Head Lighthouse	DISCONTINUED	18580	0049-12	03/12	
10415	Bugby Hole Light 46	TRLB	18523	1216-12	44/12	
10480	Pancake Point Dike Light 59	TRLT	18523	No BNM	21/12	
11770	Bonneville Pool Light 4	TRLB	18531	0909-10	38/10	
14720	Cathlamet Bay South Channel Light 2	TRLB	18521	1318-12	45/12	
19855	Ewing Island Reef Danger Buoy	TRUB	18431	0650-12	23/12	

TEMPORARY CHANGES CORRECTED

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

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

SECTION IV - CHART CORRECTIONS

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

This section contains corrective actions affecting chart(s). Corrections appear numerically by chart number, and pertain to that chart only.

It is up to the mariner to decide which chart(s) are to be corrected. The following example explains individual elements of a typical chart correction.

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

18421 **50th Ed.** **01-APR-11** **Last LNM: 50/12** **NAD 83** **51/12**
Chart Title: Strait of Juan de Fuca to Strait of Georgia; Drayton Harbor

CHART WA - STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA. Page/Side: N/A

RELOCATE	Swinomish Channel South Entrance Daybeacon 14	CGD13 from 48-22-04.783N to 48-22-02.256N	122-31-17.844W 122-31-32.352W
RELOCATE	Swinomish Channel South Entrance Daybeacon 16	CGD13 from 48-22-13.086N to 48-22-13.070N	122-30-37.938W 122-30-37.637W
RELOCATE	Swinomish Channel South Entrance Light 11	CGD13 from 48-21-55.448N to 48-21-55.432N	122-32-21.875W 122-32-22.300W

18423 38th Ed. 01-OCT-11 Last LNM: 50/12 NAD 83 51/12

ChartTitle: Bellingham to Everett Including San Juan Islands; Blaine

CHART WA - PUGET SOUND - BELLINGHAM TO EVERETT INCLUDING THE SAN JUAN ISLANDS. Page/Side: N/A

RELOCATE	Hat Island Marina Breakwater Light 1	CGD13 from 48-01-13.263N to 48-01-13.645N	122-19-18.674W 122-19-18.347W
RELOCATE	Hat Island Marina Breakwater Light 2	CGD13 from 48-01-13.796N to 48-01-14.131N	122-19-19.041W 122-19-18.934W
RELOCATE	Swinomish Channel South Entrance Daybeacon 14	CGD13 from 48-22-04.783N to 48-22-02.256N	122-31-17.844W 122-31-32.352W
RELOCATE	Swinomish Channel South Entrance Daybeacon 16	CGD13 from 48-22-13.086N to 48-22-13.070N	122-30-37.938W 122-30-37.637W
RELOCATE	Swinomish Channel South Entrance Light 11	CGD13 from 48-21-55.448N to 48-21-55.432N	122-32-21.875W 122-32-22.300W
RELOCATE	Swinomish Channel South Entrance Light 20	CGD13 from 48-22-59.370N to 48-22-58.561N	122-30-22.591W 122-30-22.368W
CHANGE	Swinomish Channel North Entrance Light 18 Remove Ra Ref.	CGD13 at 48-28-38.473N	122-31-51.222W

18427 23rd Ed. 01-SEP-06 Last LNM: 50/12 NAD 83 51/12

ChartTitle: Anacortes to Skagit Bay

Main Panel 1680 ANACORTES TO SKAGIT BAY. Page/Side: N/A

RELOCATE	Swinomish Channel South Entrance Daybeacon 14	CGD13 from 48-22-04.783N to 48-22-02.256N	122-31-17.844W 122-31-32.352W
RELOCATE	Swinomish Channel South Entrance Daybeacon 16	CGD13 from 48-22-13.086N to 48-22-13.070N	122-30-37.938W 122-30-37.637W
RELOCATE	Swinomish Channel South Entrance Light 11	CGD13 from 48-21-55.448N to 48-21-55.432N	122-32-21.875W 122-32-22.300W
RELOCATE	Swinomish Channel South Entrance Light 20	CGD13 from 48-22-59.370N to 48-22-58.561N	122-30-22.591W 122-30-22.368W
CHANGE	Swinomish Channel North Entrance Light 18 Remove Ra Ref.	CGD13 at 48-28-38.473N	122-31-51.222W

18440 30th Ed. 01-OCT-10 Last LNM: 50/12 NAD 83 51/12

ChartTitle: Puget Sound

Main Panel 1688 PUGET SOUND. Page/Side: N/A

RELOCATE	Hat Island Marina Breakwater Light 1	CGD13 from 48-01-13.263N to 48-01-13.645N	122-19-18.674W 122-19-18.347W
RELOCATE	Hat Island Marina Breakwater Light 2	CGD13 from 48-01-13.796N to 48-01-14.131N	122-19-19.041W 122-19-18.934W

18441 47th Ed. 01-JUN-11 Last LNM: 50/12 NAD 83 51/12

ChartTitle: Puget Sound-northern part

Main Panel 1689 PUGET SOUND - NORTHERN PART. Page/Side: N/A

RELOCATE	Hat Island Marina Breakwater Light 1	CGD13 from 48-01-13.263N to 48-01-13.645N	122-19-18.674W 122-19-18.347W
RELOCATE	Hat Island Marina Breakwater Light 2	CGD13 from 48-01-13.796N to 48-01-14.131N	122-19-19.041W 122-19-18.934W

18443 **17th Ed.** **01-JAN-10** **Last LNM: 47/12** **NAD 83** **51/12**

ChartTitle: Approaches to Everett

Main Panel 1690 APPROACHES TO EVERETT. Page/Side: N/A

RELOCATE	Hat Island Marina Breakwater Light 1	CGD13 from 48-01-13.263N to 48-01-13.645N	122-19-18.674W 122-19-18.347W
RELOCATE	Hat Island Marina Breakwater Light 2	CGD13 from 48-01-13.796N to 48-01-14.131N	122-19-19.041W 122-19-18.934W

18473 **8th Ed.** **01-SEP-05** **Last LNM: 50/12** **NAD 83** **51/12**

ChartTitle: Puget Sound-Oak Bay to Shilshole Bay

Main Panel 1937 OAK BAY TO SHILSHOLE BAY PUGET SOUND. Page/Side: N/A

RELOCATE	Hat Island Marina Breakwater Light 1	CGD13 from 48-01-13.263N to 48-01-13.645N	122-19-18.674W 122-19-18.347W
RELOCATE	Hat Island Marina Breakwater Light 2	CGD13 from 48-01-13.796N to 48-01-14.131N	122-19-19.041W 122-19-18.934W

18524 **37th Ed.** **01-JUN-11** **Last LNM: 45/12** **NAD 83** **51/12**

ChartTitle: Columbia River Crims Island to Saint Helens

CHART OR-WA-COLUMBIA RIVER CRIMS ISLAND TO SAINT HELENS. Page/Side: N/A

CHANGE	St. Helens Jetty Lower Light 77 Nominal Range to 3 M.	CGD13 at 45-53-04.659N	122-47-45.321W
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18547 **8th Ed.** **17-JUL-99** **Last LNM: 43/12** **NAD 83** **51/12**

ChartTitle: Snake River-Lake Bryon

CHART WA - SNAKE RIVER - LAKE BRYAN. Page/Side: N/A

RELOCATE	Little Goose Reservoir Light 29	CGD13 from 46-40-49.716N to 46-40-49.669N	117-32-18.456W 117-32-18.322W
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SECTION V - ADVANCE NOTICES

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

SUMMARY OF ADVANCED APPROVED PROJECTS

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

SECTION VI - PROPOSED CHANGES

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

PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

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

Proposed Change Notice(s)

COLUMBIA RIVER – CRIMS ISLAND TO ST. HELENS – COTTONWOOD ISLAND - Cottonwood Island Upper Range Front

Light reduction in daymark size

The U.S. Coast Guard is proposing to reduce the size of the daymark on Cottonwood Island Upper Range Front Light (LLNR 10875) from an 8KRB (8' wide by 16' tall) to a 6KRB (6' wide by 12' tall). The current daymark is oversized for the range design and is seasonally damaged by high river levels.

Chart 18524

LNLM: 48/12

COLUMBIA RIVER – CRIMS ISLAND TO ST. HELENS – MARTIN ISLAND - Bybee Ledge Channel Range Front Light

reduction in daymark size

The U.S. Coast Guard is proposing to reduce the size of the daymark on Bybee Ledge Channel Range Front Light (LLNR 10950) from an 8KRB (8' wide by 16' tall) to a 6KRB (6' wide by 12' tall). The current daymark is oversized for the range design and is seasonally damaged by high river levels.

Chart 18524

LNLM: 48/12

COLUMBIA RIVER – VANCOUVER TO BONNEVILLE – GOVERNMENT ISLAND – Government Island Upper Range Front &

Rear Light conversions to LED lanterns

The U.S. Coast Guard is proposing to convert Government Island Upper Range Front Light (LLNR 11480) and Government Island Upper Range Rear Light (LLNR 11485) from all around lights with a high intensity beam, to standard range lights. Government Island Upper Range Front Light will have a visible light of 28 degrees (14° either side on the channel centerline, and Government Island Upper Range Rear Light will have a visible light of 3 degrees (1.5° either side of the channel center line). The visible intensity of the lights will increase to approximately double their current intensity. This change is proposed to allow the conversion of the lights to LED hardware, increase the intensity and ensure greater reliability of the light signal.

Chart 18531

LNLM: 48/12

WASHINGTON – WILLAPA BAY – Bay Center Channel Light 6 removal of high intensity beam

The U.S. Coast Guard is proposing to remove the high intensity beam from Bay Center Channel Light 6 (LLNR 15500) and increase the nominal range from four (4) to five (5) nautical miles, to facilitate the installation of a self-contained LED lantern to increase the light signal reliability.

Chart 18504

LNLM: 48/12

WASHINGTON – PUGET SOUND – SEATTLE TO OLYMPIA – Puget Sound Traffic Separation Lane Lighted Buoy TA

reduction in intensity

The U.S. Coast Guard is proposing to reduce the nominal range of Puget Sound Traffic Separation Lane Lighted Buoy TA (LLNR 16975) from six (6) to five (5) nautical miles, to facilitate the installation of a self-contained LED lantern to increase the light signal reliability.

Chart 18448

LNLM: 48/12

SECTION VII - GENERAL

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

BRIDGE LIGHTING DISCREPANCIES

Lights on the following bridges have been reported extinguished:

Waterway	Bridge Name	Location	Status	Date reported	BNM
Columbia River	Kettle Falls Hwy Bridge	Kettle Falls, WA	EXT	07/18/12	No BNM
Columbia River	Lady Island Bridge	Camas, WA	EXT	08/05/12	No BNM
Snake River	Lewiston-Clarkston Bridge	Lewiston, ID	EXT	08/08/12	0895-12
Columbia River	Union Pacific RR Bridge	Kennewick, WA	EXT	08/20/12	0941-12
Puget Sound	Tacoma Narrows Bridge	Tacoma, WA	EXT	08/25/12	0969-12
Thea Foss Waterway	11th Street Bridge	Tacoma, WA	EXT	08/26/12	0971-12
Willamette River	Lake Oswego RR Bridge	Oswego, OR	EXT	09/04/12	No BNM
Snake River	Joso Bridge	Lyons Ferry, WA	Down River G LT EXT	09/04/12	No BNM
Snake River	Sargent Bridge	Starbuck, WA	R LTs EXT	09/04/12	No BNM
Willamette River	St. Johns BNRR Bridge	Portland, OR	Center Span Wht LT EXT	09/22/12	1090-12
Siuslaw River	Highway 101 Bridge	Florence, OR	IMCH	12/13/12	1472-12
Columbia River	I-5 Oregon Slough Bridge	Portland, OR	West Side G LT EXT	12/15/12	1484-12

LNLM: 51/12

BRIDGE LIGHTING DISCREPANCIES CORRECTED

The following bridge discrepancies have been corrected since the last Local Notice to Mariners:

Alesea Bay	Alesea Bay Bridge	Waldport, OR
Snake River	Camas Prairie RR Bridge	Lewiston, ID
FDR Lake Columbia R.	Kettle Falls RR Bridge	Kettle Falls, WA
Willamette River	Wilsonville RR Bridge	Wilsonville, OR

LNLM: 51/12

COLUMBIA RIVER – LONGVIEW - Lewis and Clark Bridge painting

The WSDOT has commenced painting on the Lewis and Clark Bridge superstructure over the Columbia River at RM 66.0 at Longview, WA. Painting will take place through the winter of 2013. Platforms and cables may be in rigged seasonally, in one or more spans with work commencing on the center span. The vertical clearance will be reduced by five feet. For additional information, contact WSDOT at (360) 442-1369.

Chart 18524

LNM: 13/11

OREGON – WILLAMETTE RIVER – Port of Portland temporary Lighted Buoys for construction

Orange and white lighted buoys have been placed in the following positions for construction:

Willamette River, Tri-Met Bridge at RM 13.5: Orange and white buoys showing a flashing white six (6) second light (Fl W 6s)

- A) 45-30-19.900N, 122-40-08.200W B) 45-30-23.400N, 122-40-02.900W C) 45-29-25.200N, 122-40-00.000W
- D) 45-30-14.800N, 122-39-55.400W E) 45-30-10.900N, 122-40-01.500W.

Chart 18526

LNM: 11/12

OREGON – WILLAMETTE RIVER – Sellwood Bridge construction

The Sellwood Bridge at RM 16.6 on the Willamette River is under construction for replacement from Dec 2011 to Mar 2015. A no wake zone is in effect within five hundred feet (500') of the bridge. Mariners are advised to use caution and slow to no wake at idle speed. The marked navigable channel at the bridge has been relocated. Mariners are cautioned to observe the temporary navigation buoys and bridge navigation lighting and comply with the exclusion established by both the buoys and signage.

Chart 18526

LNM: 47/11

WASHINGTON – LAKE WASHINGTON SHIP CANAL – Ballard Street Bascule Bridge Construction Activities

Mariners are advised to operate with caution while transiting in the vicinity of the Ballard Bridge, Lake Washington Ship Canal, mile 1.1. There will be construction activities conducted from a work barge alongside the Ballard Bridge until 15 Jan 14. The construction barge will not be in the navigation channel, but instead on the north and south side of the channel. The construction is to seismic retrofit the bridge piers.

Chart 18447

LNM: 39/12

WASHINGTON – LAKE WASHINGTON – SR520 BRIDGE: Special Bridge Notice (Revised from LNM 27/12)

The Coast Guard has revised the draw span operating schedule for the SR 520 Evergreen Point Floating Bridge. The east side navigation channel is currently completely closed or partially blocked during construction activity associated with the replacement bridge. Construction activities will continue in and around the east navigation channel for the duration of the bridge replacement project until approximately 30 Aug 15. Enclosure 3 displays the locations of lighted mooring buoys for the bridge construction vessels. These boys are white with white flashing lights every four seconds (Fl 4s).

Vessels which are impacted by the closure of the east channel that are not able to navigate through the west channel of the existing bridge may request an opening of the center draw span for passage. Boaters may request a draw span opening by calling WSDOT at (206) 440-4490. The draw of the Evergreen Point Floating Bridge between Seattle and Bellevue shall operate as follows (revised schedule):

- (a) The draw need not open from 0630 to 0959 and from 1500 to 1900 Monday through Friday, except Federal Holidays other than Columbus Day.
- (b) The draw need open only on the hour and half hour from 1000 to 1430 every day of the week, if at least 2 hour advance notice is given.
- (c) The draw will open on request at all other times if at least 2 hours advance notice is given.
- (d) Telephone requests for bridge opening may be directed as collect calls to the Highway Radio, or made by direct telephone communication through the Seattle Marine Operator, Station KOH, or through other marine wire or radiotelephone service.

Chart 18447

LNM: 43/12

OREGON – CAPE BLANCO TO YAQUINA HEAD – Heceta Head Lighthouse Restoration Project

Heceta Head Lighthouse (LLNR 635) will be extinguished for approximately two years for the Heceta Head Lighthouse Restoration Project, that began on 01 Jan 12. The project will involve replacing the electrical system in the lighthouse. More information can be found at: heceta.h.lighthouse@state.or.us.

Chart 18580

LNM: 03/12

COLUMBIA RIVER – ASTORIA – Pier Construction

Construction activities for replacement of the 17th Street Pier in Astoria, OR. will begin on 24 Sep 12, and continue through early spring 2013. The construction will be at approximately 46-11-24 N / 123-49-27 W. Mariners can expect crane barges, material barges, tug/push boats and work skiffs operating in this area. VHF-FM Channels 13, 16 and 17 will be monitored during work hours. For more information, contact Greg Morrill at (503) 325-7130, or email gmorrill@bergerson-const.com, or visit www.bergerson-const.com.

Chart 18521

LNM: 38/12

COLUMBIA RIVER – BONNEVILLE POOL – Shoaling Growth at the White Salmon River Entrance

A bottom contour survey was completed on 15 Oct 12 by PacifiCorp Energy, and the survey results show shoaling continues to grow at the mouth of the White Salmon River, which is located on the Washington side of the Columbia River at RM 168.5. The survey also indicates that the shoaling is growing to the south toward the north side of the main channel. At the current position, White Salmon Shoal Lighted Buoy 33 (LLNR 11912) did mark the 30 foot curve, and the most southern edge of the shoal. The new shoaling data suggest that White Salmon Shoal Lighted Buoy 33 may not mark best navigable water depth of 17 feet, and plans are being made to relocate the buoy, by PacifiCorp Energy, to mark the 20 foot curve in the near future. Mariners are advised to use caution when transiting the area of the shoal and report any problems to Coast Guard Marine Safety Unit Portland, Waterways Management Branch at (503) 240-9319 or "MSUPortlandWVMDH@uscg.mil".

Chart 18532

COLUMBIA RIVER – BONNEVILLE POOL – Shoaling Growth at the White Salmon River Entrance

LNM: 45/12

COLUMBIA RIVER – OREGON – BONNEVILLE – Dolphins Out of Service

Effective immediately, the Portland District USACE announces that Mooring Dolphins #1 and #3 at RM 145 are out of service for both personal water craft and commercial river traffic tie offs. On Wednesday June 20th, USACE conducted an inspection of the 6 mooring dolphins located above Bonneville Project at Ft. Rains, and determined that Mooring Dolphins #1 and #3 are unsafe for use until further notice. For identification purposes, Dolphin #1 is the lower most pier in the set of 6, and does not have a sign numbering it. Dolphin #3 is the third in the sequence upstream and is marked with a sign denoting it as #3. For more information, contact Kevin Moynahan at (503) 808-4330, or Kevin.moynahan@usace.army.mil.

Chart 18531

LNM: 26/12

COLUMBIA RIVER – BONNEVILLE TO THE DALLES – BONNEVILLE POOL – Vessel Grounding (revised from LNM 31/11)

The grounded barge previously reported anchored parallel to the Washington side of the Columbia River at RM 182.3, has sunk. Depths of 12 to 20 feet have been reported over the barge. A temporary green buoy labeled 'WK' with a quick green flashing (QG) light has been placed at approximate position 45-40-57.612N 121-15-23.880W to mark the wreck. Mariners should exercise caution when transiting the area.

Chart 18532

LNM: 41/11

COLUMBIA AND SNAKE RIVERS - Winter Seasonal Lockage Schedule for Recreational Craft

The USACE, Walla Walla and Portland Districts, are implementing the winter seasonal lockage schedule, which is effective from 16 Sep 12 to 14 May 13, for the passage of recreational craft through the navigation locks. Commercial vessels continue to have lockage precedence over recreational vessels. Recreational vessels may be allowed to lock through with commercial vessels at the discretion of the lock operator. For the lockage schedule and additional information, visit Portland's website at: <http://www.nwp.usace.army.mil/Missions/Navigation.aspx>, and Walla Walla's at: <https://www.nww.usace.army.mil/Missions/Navigation.aspx>, or contact the Operations Division at (509) 527-7115 or (509) 527-7120.

LNM: 38/12

SNAKE RIVER – LAKE SACAJAWEA – Obstruction to Navigation Between RM 7 and 8 (Revised from LNM 08/10)

A large rock shelf has been discovered on the north side of the navigation channel between RM 7 and 8 of the Snake River. This rock shelf is submerged and is extending into the navigable channel up to 15 feet in some areas, and lowered the depth of the navigation channel edge to 10 feet in some areas. Mariners are advised to use caution when transiting this area and avoid the northern edge of the navigation channel.

Chart 18545

LNM: 11/10

SNAKE RIVER – LAKE SACAJAWEA – Obstruction to Navigation at the Downstream Approach to the Ice Harbor Lock and Dam (revised from LNM 01/12)

Please continue to use extreme caution when navigating through downstream of the approach to Ice Harbor navigation lock.

Shoaling has been discovered in the south edge of the navigation channel between RM 9 and the Ice Harbor Dam navigation cells, downstream of the dam spillway in the Snake River. This shoaling may be as much as 5 feet above the channel project depth of 12.8 feet. McNary pool is operating at 338.0 feet resulting in a tailwater at Ice Harbor navigation lock of approximately 339.0 feet. Mariners are advised to avoid the southern edge of the navigation channel.

A temporary operation to aid navigation during low flow conditions is currently in place. When possible, the Ice Harbor Operator will coordinate a temporary increase in the Ice Harbor tailwater elevation to improve conditions for tow/barges, subject to the following conditions:

- Traveling Downstream: Tow Captain to request an Ice Harbor temporary operation via the Lower Monumental Operator when leaving Lower Monumental, to allow a minimum of 2 hours lead time.
- Traveling Upstream: If aid is necessary for upstream navigation Tow Captain to call Ice Harbor control room not less than 30 minutes out, longer lead is better.
- Ice Harbor will attempt to provide the best possible conditions for navigation subject to all operating constraints and limitations.
- No increases allowed during night-time zero-generation hours 2000 to 0600.

The most current 2011 survey of the area in question is located on the Walla Walla District Navigation website. Please reference sheet 10 of 10 of the most recent hydrographic surveys located here:

http://www.nww.usace.army.mil/html/OFFICES/OP/T/NAVDATA/2011AnnualConditionSurveys/For%20WEB%20FY11_HLD_CUT_v2.pdf.

Your cooperation in this matter is much appreciated. For additional information, please call Operations Division, at (509) 527-7115 or (509) 527-7120.

Chart 18545

LNM: 06/12

SNAKE RIVER – LAKE SACAJAWEA – ICE HARBOR DAM – Navigation Advisory

Please use extreme caution when navigating through the downstream lock approach at Ice Harbor Lock & Dam, located at RM 9.7. This is a new advisory and is not for the shoaling at the navigation coffer cells at the lower end of the lock guide wall.

In the downstream lock approach, the centerline of the navigation lock gate runs parallel to the south shore guide wall with a 50 foot separation between gate centerline and the guide wall. Approximately 200 feet down river from the lock gate, and 35 to 40 feet from the south shore guide wall toward the gate centerline, an accumulation of river sediment material has formed. The highest elevation of the accumulation is

SNAKE RIVER – LAKE SACAJAWEA – ICE HARBOR DAM – Navigation Advisory

approximately 325 feet.

Vessel Captains are advised that because of seasonally low water, pool conditions will vary and it is advisable to contact the Ice Harbor Control room for current pool elevations. Additionally, if any problems are encountered contact the Ice Harbor Control room immediately.

Your cooperation in this matter is much appreciated. For additional information, please call Operations Division, at (509) 527-7115 or (509) 527-7120.

Charts: 18541 18545

LNM: 42/12

WASHINGTON – STRAIT OF JUAN DE FUCA – Temporary Subsurface Buoy Deployment

Two subsurface oceanographic mooring buoys extending 10 meters above the ocean floor have been temporarily set at positions 48-30-28.38N / 124-45-01.68W, and 48-21-37.38N / 124-12-48.12W. The mooring buoys will remain in place until May 2013.

Charts: 18400 18460 18480

LNM: 44/12

WASHINGTON – STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA – SAN JUAN ISLANDS – SUCIA ISLAND – Temporary Buoy marking Ewing Reef

The U.S. Coast Guard placed an unlighted red buoy southwest of Ewing Reef, near Sucia Island to temporarily replace the lost Ewing Island Reef Danger Buoy (LLNR 19855). The buoy is located in approximate position 48-45-35.094N 122-52-36.606W, which bears 202 degrees true, 40 feet from the Danger Buoy's charted location. Mariners should exercise extreme caution when transiting this area due to numerous rocks and shoals in the area.

Charts: 18421 18431

LNM: 23/12

WASHINGTON – STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA – SWINOMISH CHANNEL – Reported shoaling (Revised from LNM 27/11)

Numerous soundings of shoaling in the Swinomish Channel have been reported. The primary locations for the shoaling have been from the Swinomish Channel South Entrance, north to the vicinity of La Conner, WA, with the most extreme shoaling occurring between Swinomish Channel South Entrance Buoy 1 (LLNR 18785) and Goat Island. Some depths have been reported as two (2) feet less than the charted depths. Mariners are advised to use caution when transiting this waterway due to the reported shoaling.

Charts: 18421 18427

LNM: 39/11

WASHINGTON – STRAIT OF JUAN DE FUCA TO PUGET SOUND – Bottomfish Resource Survey

The Washington Department of Fish and Wildlife (WDFW) will be conducting a resource survey of bottomfish in Strait of Juan de Fuca, San Juan Islands, Georgia Strait, Hood Canal and Puget Sound waters from 01 Apr 12 through 30 Mar 13. The survey will consist of using a small remotely-operated vehicle (ROV) deployed from the R/V Molluscan. ROV operations last approximately 90 to 120 minutes at each site, 24 hours per day. While the ROV is deployed, the support vessel will be restricted in its ability to maneuverability, and will display the appropriate day shape and navigation lights. Some of the survey sites may enter into the vessel traffic lanes and naval operating areas. Due caution, clearance and avoidance will be rendered to commercial vessels and naval warships and security zones. R/V Molluscan will monitor VHF FM Channel 13, 16 and the appropriate VTS frequency. For additional information, contact WDFW at (425) 379-2314 or email Robert.pacunski@dfw.wa.gov.

Charts: 18400 18440

LNM: 13/12

WASHINGTON – ADMIRALTY INLET – Temporary Research Buoy (Revised from LNM 18/12)

A yellow temporary research lighted buoy 'A', with a yellow flashing every four seconds light (FL Y 4s), has been deployed east of Point Hudson in approximate position 48-07-24.900N/122-44-44.220W.

A yellow temporary research lighted buoy 'B', with a yellow flashing every four seconds light (FL Y 4s), has been deployed north of Fort Flagler in approximate position 48-06-16.080N/122-42-13.260W.

Charts: 18464 18471

LNM: 24/12

WASHINGTON – PUGET SOUND – HOOD CANAL – Bangor Pier Construction

Construction of the Explosives Handling Wharf (EHW) #2 at Bangor Submarine Base, at approximately 46-45-09 N / 122-43-23 W, will begin 10 Sep 12, and continue through 09 Jan 16. Mariners can expect material barges, crane barges, tug/push boats, and work skiffs within the vicinity of the EHW piers. VHF-FM Channel 13 will be monitored. For more information, contact Bill Eskins at (678) 449-3892.

Chart 18458

LNM: 36/12

WASHINGTON – ELLIOTT BAY – DUWAMISH WATERWAY – South Park Bridge Buoys

Three yellow buoys, with a yellow light flashing every four seconds (FI Y 4s), have been placed in the Duwamish Waterway until 01 Apr 13. Lighted Buoy 'F' is at 47-31-48.972N, 122-18-54.674W; Lighted Buoy 'G' is at 47-31-44.003N, 122-18-50.400W; Lighted Buoy 'H' is at: 47-31-45.516N, 122-18-48.240W. More buoys will be placed in the waterway in the near future. For additional information, please call (206) 786-9327 or (206) 391-2032.

Chart 18450

LNM: 46/11

WASHINGTON – BOUNDARY PASS – Subsurface Buoy

A subsurface oceanographic mooring extending 10 meters above the ocean floor has been temporarily set at position 48-45-57.6N, 123-02-18.7W. The mooring buoy will remain in place until 30 Apr 13.

Charts: 18421 18431 18432

LNM: 43/12

OREGON – WASHINGTON – Japan Tsunami Marine Debris

Debris from the March 2011 tsunami in Japan has been sighted with satellite imagery and aerial photos in the Pacific Ocean. NOAA has used models to predict when the washed away debris may approach landfall on the coast. The results show the debris could make the coast in 2013. To read more of the report, or follow any updates, visit NOAA's web site at: <http://marinedebris.noaa.gov/info/japanfaqs.html>.

LNM: 03/12

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
11040	ST. HELENS JETTY LOWER LIGHT 77	45-53-04.659N 122-47-45.321W	Q G	35	3	SG on dolphin.	51/12
13835	LITTLE GOOSE RESERVOIR LIGHT 29	46-40-49.669N 117-32-18.322W	FI G 4s	21	4	SG on pile.	51/12
18489	HAT ISLAND MARINA BREAKWATER LIGHT 1	48-01-13.645N 122-19-18.347W	FI G 4s			SG on pile structure.	Private aid. 51/12
18490	HAT ISLAND MARINA BREAKWATER LIGHT 2	48-01-14.131N 122-19-18.934W	FI R 4s			TR on pile structure.	Private aid. 51/12
18815	SWINOMISH CHANNEL SOUTH ENTRANCE LIGHT 11	48-21-55.432N 122-32-22.300W	FI G 4s	10	4	SG on multi-pile structure.	Obscured from 072° to 255°. 51/12
18817	Swinomish Channel South Entrance Daybeacon 14	48-22-02.256N 122-31-32.352W				TR on pile.	51/12
18829	Swinomish Channel South Entrance Daybeacon 16	48-22-13.070N 122-30-37.637W				TR on pile.	51/12
18840	SWINOMISH CHANNEL SOUTH ENTRANCE LIGHT 20	48-22-58.561N 122-30-22.368W	FI R 4s	15	3	TR on pile.	51/12
19120	SWINOMISH CHANNEL NORTH ENTRANCE LIGHT 18	48-28-38.473N 122-31-51.222W	FI R 4s	18	4	TR on pile.	51/12

PUBLICATION CORRECTIONS

None

ENCLOSURES**Enclosure 1**

OREGON - WASHINGTON - COLUMBIA RIVER - Dredging Operations

LNM: 51/12

Enclosure 2

OREGON - PORTLAND and WASHINGTON - SEATTLE - Marine Events

LNM: 51/12

Enclosure 3

WASHINGTON - SR520 BRIDGE - Charted Temporary Mooring Buoys

LNM: 43/12

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.

D.R. Peloquin
Commander, U.S. Coast Guard
Chief, Waterways Management Branch
Thirteenth Coast Guard District

OREGON - WASHINGTON - COLUMBIA RIVER – Dredging Operations

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
15 Sep 12	15 Feb 13	Mon-Sun 24 Hours	Possession Sound, WA Gedney Island Hat Island Marina	Whitehorse	Western Provider	13 and 16 VHF-FM	Up land	37/12
17 Sep 12	14 Feb 13	Mon-Sun 24 Hours	Swinomish Channel	Mukilteo	Star Marine	13 and 16 VHF-FM	Rosario Strait Open Water Site	37/12
15 Oct 12	15 Feb 13	Mon-Sun 24 Hours	Snohomish River (RM 1.2 to 7)	Renegade	Buccaneer	16 and 79 VHF-FM	Jetty Island	37/12
24 Oct 12	23 Mar 13	Mon-Sun 24 Hours	Columbia River Bonneville Lock and Dam (RM 146)	Heidi Renee	Norton Bay	14 and 16 VHF-FM	Heidi Renee	42/12
05 Nov 12	14 Feb 12	Mon-Sun 24 Hours	Grays Harbor Inner Harbor	Patriot	Liberty and Swan	13 and 16 VHF-FM	South Jetty and Point Chehalis	44/12
15 Nov 12	31 Dec 12	Mon-Sat 0700- 1600	Columbia River, Port of Kalama, WA (RM 77)	Dredge 9	Clam Shell Dredge	13, 16 and 80 VHF- FM	Spoil Barge	46/12
03 Dec 12	14 Feb 13	Mon-Fri 0700- 1900	Elliott Bay, Seattle, WA. Terminal 5 in West Waterway	Rainer	Skagit	13 and 16 VHF-FM	Lafarge	47/12

***US Army Corps of Engineer dredges request mariners transit at their slowest safe speed to minimize wake when in the vicinity of a dredge and proceed after passing arrangements have been made.**

OREGON - WASHINGTON - COLUMBIA RIVER – Dredging Operations Planned

Start Date	End Date	Times	Location	Dredge Vessel	Assist Vessel	Channels Monitored	USACE #
2013	TBD	TBD	Portland, OR Willamette River (RM 5.1)	TBD	TBD	TBD	NWP-2012-302-2
2012	2012	TBD	Columbia River Henrici Bar (RM 90 to 93)	Essayons	TBD	13 and 16 VHF-FM	ESS-2012-12
2012	2012	TBD	Columbia River St. Helens Bar (RM 86 to 66)	Essayons	TBD	13 and 16 VHF-FM	ESS-2012-12
TBD	TBD	TBD	Columbia River Tongue Point (RM 20 to 21)	Essayons	TBD	13 and 16 VHF-FM	ESS-2013-01
2012	2012	TBD	Umpqua River Entrance (RM 00 to 01)	Yaquina	TBD	13 and 16 VHF-FM	YAQ-2012-13
2012	2012	TBD	Umpqua River Salmon Reach (RM 01)	Yaquina	TBD	13 and 16 VHF-FM	YAQ-2012-13
2012	2012	TBD	Umpqua River Barretts Range (RM 04)	Yaquina	TBD	13 and 16 VHF-FM	YAQ-2012-13
TBD	TBD	TBD	Columbia River Upper Martin Bar (RM 80 to 83)	Yaquina	TBD	13 and 16 VHF-FM	YAQ-2013-02

TBD	TBD	TBD	Columbia River Pillar Rock Ranges (RM 28)	Yaquina	TBD	13 and 16 VHF-FM	YAQ-2013-02
TBD	TBD	TBD	Columbia River Flavel Bar/Astoria Turning Basin	Yaquina	TBD	13 and 16 VHF-FM	YAQ-2013-02
TBD	TBD	TBD	Willamette River Willamette Park Boat Ramp (RM 15.8)	TBD	TBD	13 and 16 VHF-FM	NWP-2011-187
TBD	TBD	TBD	Columbia River Oregon Slough (RM 06)	TBD	TBD	13 and 16 VHF-FM	NWP-2009-621-2
TBD	TBD	TBD	Willamette River Terminal 2 (RM 10)	TBD	TBD	13 and 16 VHF-FM	NWP-2007-240/2
TBD	TBD	TBD	Willamette River Terminal 4 (RM 4 to 5)	TBD	TBD	13 and 16 VHF-FM	NWP-2007-240/2
TBD	TBD	TBD	Willamette River Terminal 5 (RM 1 to 2)	TBD	TBD	13 and 16 VHF-FM	NWP-2007-240/2
TBD	TBD	TBD	Columbia River Terminal 6 (RM 102 to 104)	TBD	TBD	13 and 16 VHF-FM	NWP-2007-240/2
TBD	TBD	TBD	Willapa Bay, WA	TBD	TBD	13 and 16 VHF-FM	NWS-2012-157
TBD	TBD	TBD	Budd Inlet Olympia, WA	TBD	TBD	13 and 16 VHF-FM	NWS-2012-793
TBD	TBD	TBD	Willamette River (RM 147.4)	TBD	TBD	13 and 16 VHF-FM	NWP-2000-486/3

SECTOR COLUMBIA RIVER MARINE EVENTS

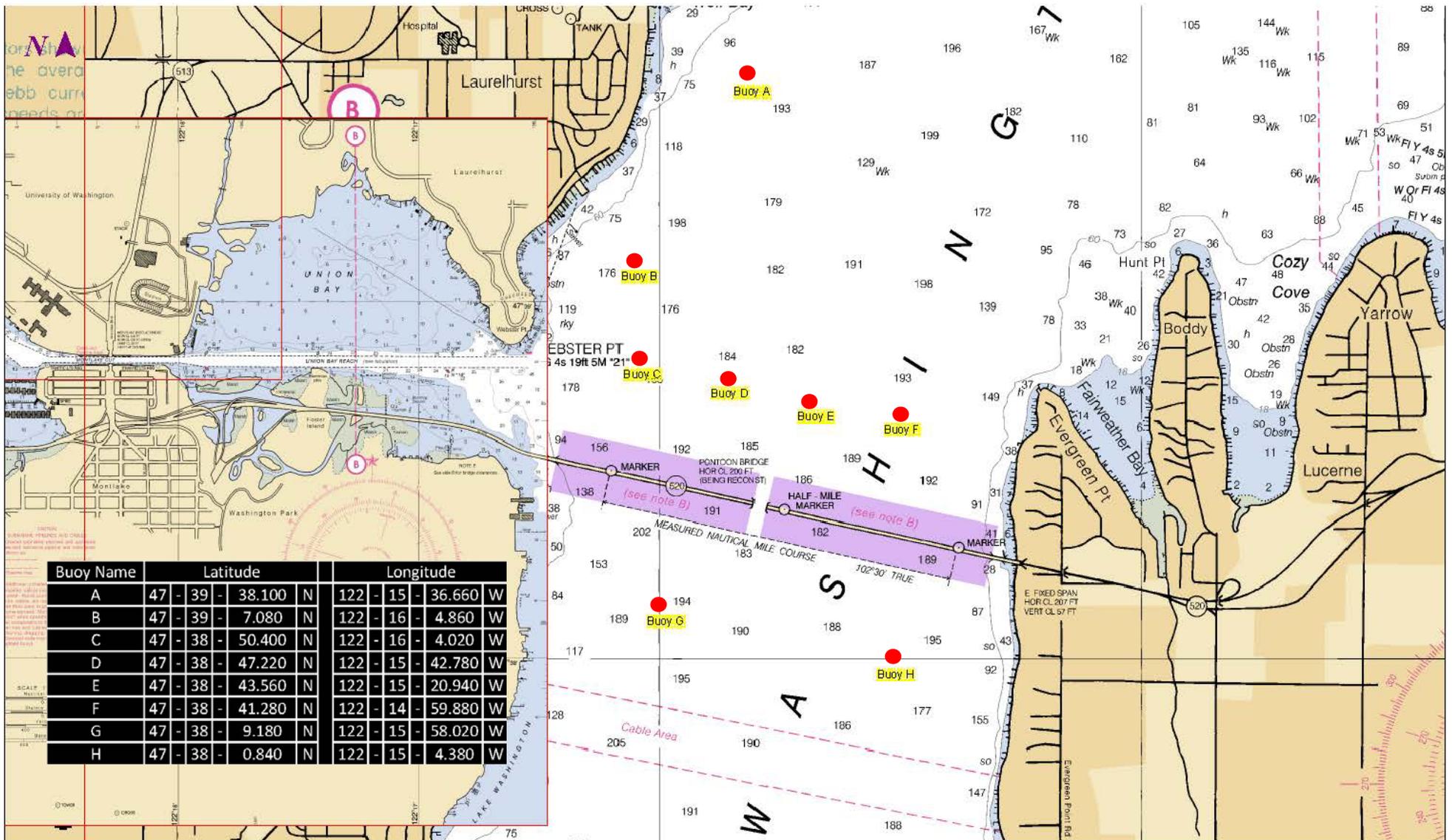
EVENT DATE	TIME	EVENT NAME	EVENT LOCATION	SPONSOR
01 Apr 12 thru 31 Mar 13	1200 - 1200	OSCA 2012 Sail Boat Races	Columbia River Between I5 and 205 bridge	Oregon Corinthian Sailing Association

SECTOR PUGET SOUND MARINE EVENTS

EVENT DATE	TIME	EVENT NAME	EVENT LOCATION	SPONSOR
22-Dec-12	1600 - 2100	Port Angeles Yacht Club Christmas Parades	Port Angeles Harbor	Port Angeles Yacht Club

PUGET SOUND - 1 : 18,768

(NOAA Chart) Chart #18440_1 - Depth Units: FATHOMS



Buoy Name	Latitude	Longitude
A	47 - 39 - 38.100 N	122 - 15 - 36.660 W
B	47 - 39 - 7.080 N	122 - 16 - 4.860 W
C	47 - 38 - 50.400 N	122 - 16 - 4.020 W
D	47 - 38 - 47.220 N	122 - 15 - 42.780 W
E	47 - 38 - 43.560 N	122 - 15 - 20.940 W
F	47 - 38 - 41.280 N	122 - 14 - 59.880 W
G	47 - 38 - 9.180 N	122 - 15 - 58.020 W
H	47 - 38 - 0.840 N	122 - 15 - 4.380 W

DO NOT USE FOR NAVIGATION