



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

LOCAL NOTICE TO MARINERS

District: 13

Week: 28/09

ISSUED BY: COMMANDER, THIRTEENTH COAST GUARD DISTRICT (dpw)
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LIGHT LIST REFERENCE: COMDTPUB P16502.6, Light List Volume VI, 2009 Edition

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, DGPS, and LORAN-C. The NIS also disseminates Safety Broadcasts (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/gps/status/default.htm>.

In addition, the NIS investigates all reports of degradation or loss of GPS, DGPS or LORAN 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 at: <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	D13-0408-09	D13-0513-09

ABBREVIATIONS

A through H

ACOE - Army Corps of Engineers
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
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
Fl - Flashing
G - Green
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
W - White
Y - Yellow

Additional Abbreviations Specific to this LNM Edition: None

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

OREGON - SNAKE RIVER - Little Goose Lock and Dam

Military aircraft, including those of friendly foreign air forces, will be conducting a series of low altitude air drops in the vicinity of the Little Goose Lock and Dam on the Snake River from July 20 to July 24, 2009. Mariners are requested to avoid the south side of the river to reduce the possibility of river traffic interfering with air drop operations. The Air Force has coordinated the use of the drop zone with local law enforcement officials, dam management, the US Army Corps of Engineers, and the Washington State Department of Transportation. For further information contact McChord AFB public affairs at 253-982-5637.

Chart 18546

LNM: 28/09

COLUMBIA RIVER - HOOD RIVER

Mariners are advised to use caution in the vicinity of Hood River and use the navigational ranges through the Hood River Bridge due to shoaling extending from the mouth of the Hood River.

Chart 18532

LNM: 28/09

WASHINGTON - ELLIOTT BAY - Tribal Fisheries.

The Muckleshoot tribe will be conducting test fisheries in Elliott Bay from 2000 through 0800 the following morning on 15 Jul, 22 Jul and 29 Jul 09. They will be conducting commercial fisheries in Elliott Bay and Duwamish River up to the HWY 99 Bridge from 2000 through 0800 the following morning on 05 Aug, 12 Aug, and 19 Aug 09. Mariners are request to use caution in the area. For additional information, contact the Muckleshoot Tribe at (253) 876-3113.

Chart 18450

LNM: 28/09

COLUMBIA RIVER - Survey Operations

R/V John B. Preston and R/V Motion Marine will be conducting survey operations on the Willamette River from river mile zero to river mile 12 until 31 Dec 09. Mariners are requested to use caution in the vicinity of the survey vessels and give a wide berth to minimize sonar noise. Survey vessels can be contacted on VHF-FM Channels 13 and 16. For additional information, contact David Evans and Associates at (360) 314-3202.

Charts: 18525 18526

LNM: 28/09

THIRTEENTH COAST GUARD DISTRICT - Nautical Chart Reprints

Mariners will have the latest information under a new initiative in navigation chart reprinting. Beginning immediately, NOAA will provide revised reprints to distribute up-to-date critical information on nautical charts.

A revised reprint nautical chart incorporates all U.S. Coast Guard Local Notice to Mariners (LNM) and all National Geospatial-Intelligence Agency (NGA) Notice to Mariners (NM) issued since the current edition date. A revised reprint will be published when printed stock of the current edition is low. In the past, when a chart was running out of stock, NOAA would print more copies of the same chart without applying updates. The revised reprint will contain all critical corrections applied before the chart is printed. They are similar to the NOAA's Print on Demand (POD) charts, but are lithographically printed according to traditional paper chart standards.

Revised reprints offer the convenience and added measure of safety of a chart that is updated at time of purchase. The lower left corner of a revised reprint nautical chart will contain the edition number of the chart with the edition date, the words "Revised reprint," along with the dates of the NGA Notice to Mariners and the U.S. Coast Guard's Local Notice to Mariners available at time of printing.

As with all nautical charts, revised reprints should be updated with all critical corrections issued after the "corrected through" dates.

A listing of upcoming new edition and revised reprint charts published by NOAA is available at nauticalcharts.noaa.gov.

LNM: 27/09

COLUMBIA RIVER - Research Buoys

The Columbia River Inter-Tribal Fish Commission (CRITFC) has deployed research buoys in the vicinity of Bonneville Dam at approximate positions 45-36-18.7N 122-02-48.4W, 45-36-32.0N 122-02-53.3W, 45-37-24.4N 121-58-51.5W, 45-37-29.6N 121-58-59.2W, 45-38-02.2N 121-57-38.3W, 45-38-06.2N 121-57-45.8W, 45-38-14.4N 121-57-32.1W, and 45-38-15.7N 121-57-39.5W from 11 Jun to 01 Sep 09. The buoys are fluorescent orange, approximately 1.5ft long, 6in in diameter and labeled with "CRITFC". For additional information, contact the

CRITFC at (503) 731-1317.

Charts: 18531 18532

LNM: 27/09

COLUMBIA RIVER - Research Buoys (Revision of LNM 10/09)

The Columbia River Inter-Tribal Fish Commission (CRITFC) has deployed research buoys in vicinity of Jim Crow Point and Welch Island at approximate positions 46-15-29.7N 123-35-19.2W and 46-16-13.3N 123-29-57W from 15 Jun to 30 Sep 09. The buoys are fluorescent orange, approximately 1.5ft long, 6in in diameter and labeled with "CRITFC". For additional information, contact the CRITFC at (503) 731-1317.

Charts: 18521 18523

LNM: 27/09

WASHINGTON - STRAIT OF JUAN DE FUCA - Live Firing

The U.S Coast Guard will be conducting live firing in area Whiskey Hotel (Danger Area note D) from 0800 to 1600 on 13 Jul to 17 Jul 09. Mariners are requested to use caution in the area. For additional information, contact the U.S. Coast Guard at (360) 417-5924.

Chart 18460

LNM: 27/09

WASHINGTON - LAKE WASHINGTON - Borings

Three Barges will be taking boring samples in the vicinity of the SR 520 Bridge from 16 Jul to 01 Oct 09. Mariners are requested to use caution in the area. For additional information, contact the SR 520 Bridge Replacement and HOV Program at (206) 770-3575.

Chart 18447

LNM: 26/09

WASHINGTON - LAKE WASHINGTON - Construction

General Construction Company will be conducting under bridge repairs at the I-90 West bound floating bridge from 5 Jul to 29 Jul 09. Various floating equipment will be moored on the north side of the bridge. The Derrick Los Angeles and tugs will monitor VHF Channel 13, 16 and 66. For additional information, contact General Construction Company at (206) 396-2273.

Chart 18447

LNM: 26/09

WASHINGTON - SNAKE RIVER - LAKE SACAJAWEA - Dolphins out of service (revision of LNM 07/09)

Army Corps of Engineers completed an underwater inspection of Hard Rock Dolphin 3, located up stream of the Ice Harbor Locks, and feel that barges may be allowed to moor against this dolphin with due care. Out of service signs will be removed placing it back into service with the additional caution "Do not wrap mooring lines around the dolphin piles". Hard Rock Dolphins 4 and 5 remain structurally unsafe for use and out of service until repaired or removed. They are posted with signage stating their unsafe condition. For additional information contact Walla Walla District Corps of Engineers at 509-527-7115 or 509-527-7114.

Chart 18545

LNM: 26/09

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
765	Duntze Rock Lighted Whistle Buoy 2D	REDUCED INT	18485	0368-09	25/09	
765.2	NOAA Lighted Buoy 46005	MISSING			52/08	
8635	Chetco River Entrance Daybeacon 9	MISSING/TRUB	18602	0997-08	53/08	
9135	Coos Bay South Slough Light 1	TRLB/LT EXT/DBN DMGD	18587	0882-08	47/08	
11025	Columbia City Light 76	TRLB/LT EXT/DBN DEST	18524	0202-09	13/09	
11620	Cape Horn Range Rear Light	DBN DMGD	18531	0094-09	04/09	
13686	Little Goose Dam Buoy I	OFF STA		0235-09	17/09	
14780	Cathlamet Bay Prairie Channel Daybeacon 14	TRUB/DBN DEST	18523	0153-09	08/09	
15112	Rock Island Channel Buoy 10	SINKING	18528	0512-09	28/09	
16150	Duntze Rock Lighted Whistle Buoy 2D	REDUCED INT	18485	0368-09	25/09	
16505	Bush Point Light	REDUCED INT	18477	0525-08	27/08	
18895	Deception Pass Light 1	REDUCED INT	18427	0206-09	12/09	
19105	Swinomish Channel North Entrance Lighted Buoy 13	OFF STA	18427	0403-09	27/09	

19815	Boundary Pass Shoal Isolated Danger Lighted Bell Buoy DB	LT EXT	18431	0391-09	26/09
19855	Ewing Island Reef Daybeacon	TRUB/DBN DEST	18431	0244-09	16/09

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
8735	Coos Bay Entrance Lighted Bell Buoy 1	WATCHING PROPERLY	18587	N/A	22/09	28/09
9905	Columbia River Entrance Lighted Bell Buoy 1	WATCHING PROPERLY	18500	N/A	22/09	28/09
10100	Astoria Crossing Lighted Buoy 37	WATCHING PROPERLY	18521	N/A	22/09	28/09
10150	Astoria Range Lighted Buoy 42	WATCHING PROPERLY	18521	N/A	22/09	28/09
10155	Tongue Point Channel Lighted Buoy 43	WATCHING PROPERLY	18521	N/A	22/09	28/09
14690	Rocky Point Light 7	WATCHING PROPERLY	18521	0507-09	28/09	28/09
15660	Grays Harbor South Reach Lighted Junction Buoy SC	WATCHING PROPERLY	18502	0501-09	28/09	28/09
16170	Neah Bay Entrance Lighted Bell Buoy 1	WATCHING PROPERLY	18484	N/A	22/09	28/09
16315	Port Angeles Boat Haven Lighted Buoy 3	WATCHING PROPERLY	18468	N/A	22/09	28/09
16490	Point Hudson Spit Lighted Bell Buoy 2	WATCHING PROPERLY	18464	N/A	22/09	28/09
16525	Double Bluff Lighted Buoy 1	WATCHING PROPERLY	18477	N/A	22/09	28/09
17350	Nisqually Flats Lighted Buoy 1	WATCHING PROPERLY	18445	N/A	22/09	28/09
17445	Olympia Channel Lighted Buoy 4	WATCHING PROPERLY	18456	N/A	22/09	28/09
17520	Point Hudson Spit Lighted Bell Buoy 2	WATCHING PROPERLY	18464	N/A	22/09	28/09
18030	Bainbridge Reef Lighted Buoy 4	WATCHING PROPERLY	18449	N/A	22/09	28/09
18040	Orchard Rocks Lighted Buoy 6	WATCHING PROPERLY	18449	N/A	22/09	28/09
18505	Port Gardner Anchorage Obstruction Lighted Buoy AO	WATCHING PROPERLY	18444	N/A	22/09	28/09
18520	Snohomish River Lighted Buoy 3	WATCHING PROPERLY	18444	N/A	22/09	28/09
18765	Skagit Bay Lighted Buoy 4	WATCHING PROPERLY	18423	N/A	22/09	28/09
18945	Guemes Channel Lighted Buoy 2	WATCHING PROPERLY	18427	N/A	22/09	28/09
18970	Guemes Channel Lighted Buoy 4	WATCHING PROPERLY	18427	N/A	22/09	28/09
19020	Padilla Bay Lighted Bell Buoy 4	WATCHING PROPERLY	18424	N/A	22/09	28/09
19485	Buckeye Shoal Lighted Bell Buoy 14	WATCHING PROPERLY	18430	N/A	22/09	28/09
19775	Haro Strait Lighted Junction Buoy A	WATCHING PROPERLY	18432	N/A	22/09	28/09
19910	Alden Bank Lighted Gong Buoy A	WATCHING PROPERLY	18431	N/A	22/09	28/09

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
17203	Chinook Landing Light A	DBN IMCH	18453	0395-09	27/09	
17204	Chinook Landing Light B	DBN IMCH	18453	0396-09	27/09	
18465	Mukilteo Ferry Dolphin Light	LT IMCH	18443	0817-08	44/08	
18598	Tulalip Tribes Breakwater Light A	LT IMCH	18443	1018-07	47/07	
18955	Anacortes Ferry Terminal Lights (2)	LT IMCH	18427	0607-06	23/06	
19360	Skyline Marina Light 1	LT EXT/DBN DEST	18427	0157-09	08/09	

DISCREPANCIES (PRIVATE AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
10761	Longview Dock Light B	RELIGHTED	18524	0408-09	26/09	28/09

PLATFORM DISCREPANCIES

Name	Status	Position	BNM Ref.	LNM St	LNM End
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	
17159	Commencement Bay Directional Light	DISCONTINUED	18453	0924-08	50/08	

TEMPORARY CHANGES CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
9630	Yaquina Bay Entrance Regulated Boating Area Warning Sign	Reestablished	18581		50/06	28/09

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.

501 **13th Ed.** **01-JUN-09** **Last LNM: 24/09** **NAD 83** **28/09**

Chart Title: **North Pacific Ocean West Coast Of North America Mexican Border To Dixon Entrance**

Main Panel 1650 MEXICAN BORDER TO DIXON ENTRANCE. Page/Side: N/A

NEW EDITION Scale 1: 3,500,000; New edition (13 ed, 6/1/2009) due to various general changes. This NOAA chart is now available in both the Print-on Demand and digital raster formats. See <http://nauticalcharts.noaa.gov/mcd/dole.htm> for details. The corresponding traditional paper chart will be available in two to eight weeks.

NOS -- --

18423 **36th Ed.** **01-JUL-07** **Last LNM: 22/09** **NAD 83** **28/09**

Chart Title: **FOLIO SMALL-CRAFT 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 Oak Harbor Daybeacon 10

CGD13
from 48-16-35.360N 122-38-46.607W
to 48-16-38.576N 122-38-50.280W

18428 9th Ed. 23-FEB-02 Last LNM: 18/09 NAD 83 28/09
 ChartTitle: **Oak and Crescent Harbors**
Main Panel 1681 OAK AND CRESCENT HARBORS. Page/Side: N/A

RELOCATE	Oak Harbor Daybeacon 10	CGD13 from 48-16-35.360N to 48-16-38.576N	122-38-46.607W 122-38-50.280W
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18441 46th Ed. 01-DEC-07 Last LNM: 23/09 NAD 83 28/09
 ChartTitle: **Puget Sound-northern part**
Main Panel 1689 PUGET SOUND NORTHERN PART. Page/Side: N/A

RELOCATE	Oak Harbor Daybeacon 10	CGD13 from 48-16-35.360N to 48-16-38.576N	122-38-46.607W 122-38-50.280W
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18502 86th Ed. 01-MAY-07 Last LNM: 24/09 NAD 83 28/09
 ChartTitle: **Grays Harbor;Westhaven Cove**
CHART WA - GRAYS HARBOR. Page/Side: N/A

RELOCATE	Grays Harbor South Bay Channel Daybeacon 1	CGD13 from 46-54-29.323N to 46-54-24.905N	124-05-40.620W 124-05-40.397W
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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>
COLUMBIA RIVER	17-JUL-09		24/09
COLUMBIA RIVER	17-JUL-09		24/09
WASHINGTON – APPROACHES TO STRAIT OF JUAN DE FUCA	24-JUL-09		25/09
COLUMBIA RIVER – HARRINGTON POINT TO CRIMS ISLAND	07-AUG-09		27/09
OREGON - TRINIDAD HEAD TO CAPE BLANCO	14-AUG-09		28/09
WASHINGTON - PUGET SOUND	14-AUG-09		28/09
COLUMBIA RIVER	14-AUG-09		28/09
WASHINGTON - PUGET SOUND - Boundary Pass	14-AUG-09		28/09
WASHINGTON - PUGET SOUND - Guemes Channel	14-AUG-09		28/09
OREGON - Crims Island to St. Helens - Longview	14-AUG-09		28/09
COLUMBIA RIVER - St. Helena and Vancouver to Bonneville	14-AUG-09		28/09

Proposed Change Notice(s)

COLUMBIA RIVER

Navigation Aids: To accommodate the installation of a Light Emitting Diode (LED) lantern.

Change the nominal range from four (4) to three (3) nautical miles.

- Miller Sands Dike Light 5 (LLNR 10215)
- Skamokawa Light 31 (LLNR 10340)
- Skamokawa Creek Light 33 (LLNR 10350)
- Hunting Island Light 39 (LLNR 10380)
- Clifton Dike Light 42 (LLNR 10400)
- Puget Island Light 43 (LLNR 10401)
- Clifton Dike Light 44 (LLNR 10405)
- Hunter Mill Point Light 44A (LLNR 10410)
- Bugby Hole Light 46 (LLNR 10415)
- Puget Island Light 49 (LLNR 10425)
- Westport Dike Light 58 (LLNR 10475)
- Pancake Point Dike Light 59 (LLNR 10480)
- Westport Dike Light 60 (LLNR 10485)
- Westport Dike Light 62 (LLNR 10500)
- Westport Dike Light 64 (LLNR 10505)
- Westport Dike Light 66 (LLNR 10510)
- Cathlamet Channel Light 8 (LLNR 10555)

Eureka Channel Light 70 (LLNR 10565)
Eureka Dike Light 76 (LLNR 10580)
Eureka Dike Light 78 (LLNR 10590)
Eureka Dike Light 80 (LLNR 10595)
Eureka Dike Light 79 (LLNR 10600)
Bunker Hill Light 85 (LLNR 10650)
Cleaveland Light 1 (LLNR 10670)
Crims Island Dike Light 2 (LLNR 10675)
Crima Island Dike Light 6 (LLNR 10685)
Cleaveland Light 3 (LLNR 10715)
Fisher Island Light 9 (LLNR 10730)
Morgan Channel Light 42 (LLNR 11211)

Charts: 18521 18523 18524 18525 18526 18529 18531

LNLM: 24/09

COLUMBIA RIVER

Navigation Aids: To accommodate the installation of a Light Emitting Diode (LED) lantern.

Change the nominal range from four (4) to three (3) nautical miles.

Lord Island Light 20 (LLNR 10770)
Dibblee Dike Light 22 (LLNR 10805)
Cottonwood Island Dike Light 29A (LLNR 10840)
Cottonwood Island Dike Light 31 (LLNR 10845)
Cottonwood Island Dike Light 33 (LLNR 10850)
Cottonwood Island Light 35 (LLNR 10860)
Cottonwood Island Dike Light 37 (LLNR 10870)
Cottonwood Island Light 39 (LLNR 10855)
Cottonwood Island Light 41 (LLNR 10890)
Kalama River Light 43 (LLNR 10900)
Ahle Point Light 49 (LLNR 10930)
Hunter Dike Light 52 (LLNR 10940)
Hunter Dike Light 54 (LLNR 10945)
Deer Island Lower Dike Light 62 (LLNR 10970)
Martin Island Middle Dike Light 65 (LLNR 10980)
Deer Island Upper Dike Light 72 (LLNR 11005)
Caples Dike Light 73 (LLNR 11010)
St. Helens Jetty Lower Light 77 (LLNR 11040)
St. Helens Dike Light 80 (LLNR 11055)
Duck Club Light 4A (LLNR 11080)
Duck Club Light 8 (LLNR 11095)
Henrici Landing Light 10 (LLNR 11110)
Bachelor Point Light 13 (LLNR 11120)
Bachelor Dike Light 15 (LLNR 11125)
Knapp Point Light 19 (LLNR 11135)
Willow Dike Light 23 (LLNR 11150) Willow Dike Light 26 (LLNR 11165)
Reeder Point Light 28 (LLNR 11170)
Hutchinson dike Light 30 (LLNR 11175)
Morgan dike Light 32 (LLNR 11180)
Hewlett Dike Light 33 (LLNR 11185)
Morgan Dike Light 36 (LLNR 11200)
Morgan Dike Light 40 (LLNR 11210)
North Portland Harbor dike Light 2 (LLNR 11290)
Mcguire Island Middle Dike Light 34 (LLNR 11475)
Lady Island Upper Light 43 (LLNR 11505)
Gary Island Dike Light 52 (LLNR 11560)
Sand Island Light 66 (LLNR 11600)
Cape Horn Light 67 (LLNR 11605)
Candiana Light 69 (LLNR 11625)
Fashion Reef Prindle Dike Light 73 (LLNR 11645)
Multnomah Falls Dike Light 82 (LLNR 11680)
Multnomah Falls Dike Light 84 (LLNR 11695)
Skamania Light 85 (LLNR 11710)
Ives Island Light 91 (LLNR 11740)
Moffetts Creek Light 92 (LLNR 11745)
Bonneville Lock Entrance Light 93 (LLNR 11747)
Willamette River Light 2 (LLNR 14855)
Willamette3 River Light 3 (LLNR 14860)
Willamette River Light 4 (LLNR 14865)
Willamette River Light 6 (LLNR 14870)

Willamette River Light 10 (LLNR 14880)
Multnomah Channel Junction Light (LLNR 14910)
Elk Rock Island Light 13 (LLNR 15025)
Willamette River Light 14 (LLNR 15055)
Jennings Lodge Light 19 (LLNR 15070)

Charts: 18521 18523 18524 18525 18526 18529 18531

LNM: 24/09

WASHINGTON – APPROACHES TO STRAIT OF JUAN DE FUCA

Navigation Aids: To accommodate the installation of a Light Emitting Diode (LED) lantern.

Change the nominal range of Duntze Rock Lighted Whistle Buoy 2D (LLNR 765/16150) from five (5) to four (4) nautical miles.

Chart 18480

LNM: 25/09

COLUMBIA RIVER – HARRINGTON POINT TO CRIMS ISLAND

Navigation Aids: To replace the daybeacon structure.

Discontinue Cathlamet Bay Prairie Channel Daybeacon 14 (LLNR 14780) and establish Cathlamet Bay Prairie Channel Buoy 14 (LLNR 14780).

Chart 18521

LNM: 27/09

OREGON - TRINIDAD HEAD TO CAPE BLANCO

Navigation Aids: Due to a recalculation of LED light intensities. This proposal WILL NOT change existing light intensities or equipment.

Change the nominal range of Port Orford Entrance Lighted Bell Buoy 1 (LLNR 580) from four (4) to three (3) nautical miles.

Chart 18589

LNM: 28/09

WASHINGTON - PUGET SOUND

Navigation Aids: Due to a recalculation of LED light intensities. This proposal WILL NOT change existing light intensities or equipment.

Change the nominal range of the lighted buoys listed below from four (4) to three (3) nautical miles.

Ediz Hook Lighted Buoy 2 (LLNR 16285)
Rich Passage Lighted Buoy 8 (LLNR 18065)
Bellingham Bay Rocks Junction Lighted Buoy (LLNR 19285)
Lawson Reef Junction Lighted Bell Buoy (LLNR 19320)
Reef Point Junction Lighted Buoy (LLNR 19400)
Alden Bank Lighted Bell Buoy "B" (LLNR 19870)

Charts: 18400 18440 18465

LNM: 28/09

COLUMBIA RIVER

Navigation Aids: Due to a recalculation of LED light intensities.

Change the nominal range from four (4) to three (3) nautical miles.

Puget Island Light 47 (LLNR 10420)
Walker Island Light 12 (LLNR 10745)
Duck Club Light 6 (LLNR 11085)
Fales Light 17 (LLNR 11130)
Kelly Point Junction Light (LLNR 11225)
Washougal Light 50 (LLNR 11545)
Tunnel Point Light 64 (LLNR 11590)

Charts: 18521 18523 18524 18525 18528 18529 18531

LNM: 28/09

WASHINGTON - PUGET SOUND - Boundary Pass

Navigation Aids: The daybeacon has been destroyed.

Discontinue Ewing Island Reef Daybeacon (LLNR 19855) and establish Ewing Island Buoy (LLNR 19855), a white informational buoy in approximate position 48-45-38.778N, 122-52-34.338W.

LNM: 28/09

WASHINGTON - PUGET SOUND - Guemes Channel

Navigation Aids: Due to a recalculation of LED light intensities. This proposal WILL NOT change existing light intensities or equipment.

Change the nominal range of the below listed lighted buoys from four (4) to three (3) nautical miles:

Guemes Channel Lighted Buoy 2 (LLNR 18945)
Guemes Channel Lighted Buoy 3 (LLNR 18965)
Guemes Channel Lighted Buoy 4 (LLNR 18970)
Guemes Channel Lighted Buoy 5 (LLNR 18975)

Chart 18427

LNM: 28/09

OREGON - Crims Island to St. Helens - Longview

Navigation Aids: Due to a recalculation of LED light intensities. This proposal WILL NOT change existing light intensities or equipment.

Change the nominal range of Barlow Point Light 13 (LLNR 10750) from four (4) to three (3) nautical miles.

Chart 18524

LNM: 28/09

COLUMBIA RIVER - St. Helena and Vancouver to Bonneville

Navigation Aids: To accommodate the installation of a light emitting diode (LED) lantern.

Change the nominal range of from four (4) to three (3) nautical miles on the following lighted buoys:

Saint Helens Junction Lighted Buoy (LLNR 11045)

Ryan Point Junction Lighted Buoy (LLNR 11275)

Charts: 18524 18531

LNM: 28/09

SECTION VII - GENERAL

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

OREGON - Siuslaw River - Bridge Information

U.S. 101 Bridge

The U.S. 101 Bridge at Florence is authorized to provide single-leaf openings until 11 Oct 09, during a major maintenance project. Containment for painting may hang under parts of the bridge as much as ten feet.

Chart 18583

LNM: 28/09

OREGON - Willamette River - Bridge Information

Broadway, Burnside and Hawthorne Bridges

The draws need not open for vessels from 0630 to 1230, 09 Aug 09 for the annual Bridge Pedal event.

Chart 18526

LNM: 28/09

OREGON - Willamette River - Bridge Information

Hawthorne Bridge

The draw need not open for vessels from 0900 to 1200, 23 Aug 09 during the Portland Triathlon.

Chart 18526

LNM: 28/09

OREGON - Willamette River - Bridge Information

Broadway Bridge

The draw need not open for vessels from 0800 to 0830, 13 Sep 09 during the Pints to Pasta 10k Race event.

Chart 18526

LNM: 28/09

WASHINGTON - HOOD CANAL - Bridge Information

Hood Canal Floating Bridge at Port Gamble

Openings are limited to 300 feet of horizontal clearance and the west half of the retractable span is inoperable for repairs until 1 Oct 09.

Charts: 18476 18477

LNM: 27/09

WASHINGTON - Bridge Information

State Route 520 Floating Bridge

The State Route 520 Floating Bridge at Evergreen Point draw need not open from 0500 to 2100 09 May to 25 May, 05 Jul to 27 Jul, and 08 Aug to 24 Aug 09. This is the normal closed period for the drawspan on weekdays. The additional closures are to accommodate heavier traffic diverted from maintenance work on the I-90 and I-405 corridors.

Chart 18447

LNM: 18/09

WASHINGTON - Bridge Information

Burlington Northern Santa Fe Railroad Swingbridge

The Burlington Northern Santa Fe Railroad Swingbridge at Ebey Slough mile 1.5 need not open for vessels from 1000 to 1700 29 Jul and 30 Jul 09 for replacement of rail joints.

Chart 18443

LNM: 26/09

WASHINGTON - Bridge Information (Revision of LNM 21/09)

Burlington Northern Santa Fe Railroad Swingbridge

The Burlington Northern Santa Fe Railroad Swingbridge at Swinomish channel mile 8.4 between La Conner and Anacortes will be fixed in the closed position from 0700 13 Jul to 1800 17 Jul 09 for replacement of center bearing and pinion gear.

WASHINGTON - Bridge Information (Revision of LNM 21/09)

Chart 18427

LNM: 23/09

Bridge Lighting Discrepancies:

Lights on the following bridges have been reported extinguished.

Waterway	Bridge Name	Location	Status	Date reported	BNM
Coos Bay	Coos Bay RR bidge	Coos Bay, OR	EXT/Bell INOP	06/14/07	0595-07
Siuslaw	CO and PRR Bridge	Acme, OR	EXT	04/06/09	0221-09
Yaquina Bay	Yaquina Bay Bridge	Newport, OR	EXT	04/30/09	0256-09
Siletz River	Kernsville Bridge	Kernsville, OR	EXT	05/03/09	0268-09
Columbia River	Bridge of the Gods	Cascade Locks, OR	EXT	05/11/09	0282-09
Columbia River	BNRR Bridge	Celilo, OR	EXT	05/11/09	0281-09
Columbia River	Marryhill-Biggs Bridge	Celilo, OR	EXT	05/11/09	0280-09
Willamette River	Lake Oswego RR Bridge	Lake Oswego, OR	EXT	05/28/07	0544-07
Willamette River	Oregon City Bridge	Oregon City, OR	EXT	06/20/09	0375-09
Willamette River	Wilsonville RR Bridge	Willsonville, OR	EXT	09/26/08	N/A
Willamette River	Marion Street Bridge	Salem, OR	EXT	07/10/09	0510-09
Willamette River	Center Street Bridge	Salem, OR	EXT	07/10/09	0511-09
Willamette River	Independence Bridge	Independence, OR	EXT	07/10/09	0508-09
Pend Oreille River	Spokane International RR Bridge	Sandpoint, ID	EXT	08/12/08	N/A
Pend Oreille River	BNSFRR Bridge 32	Sandpoint, ID	EXT	05/22/09	N/A
Pend Oreille River	Merriett Brothers Bridge	Priest River, ID	EXT	07/13/09	N/A
Grays Harbor	1001 Bridge	Aberdeen, WA	EXT	04/11/09	0226-09
Lake Washington	Salmon Bay Bridge	Seattle, WA	EXT	05/08/09	0279-09
Lake Washington Ship Ch.	George Washington Mem. Bridge	Seattle, WA	EXT	05/23/09	0317-09
Commencement Bay	11th Street Bridge	Tacoma, WA	EXT	01/14/09	0076-09

LNM: 28/09

Bridge Lighting Discrepancies Corrected:

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

Waterway	Bridge Name	Location	Status	Date reported	BNM
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LNM: 28/09

THIRTEENTH COAST GUARD DISTRICT - LORAN

Single rated LORAN stations Jupiter, FL (7980-y), Las Cruces, NM (9610-x), and Middletown, CA, (9940-x) will be on air testing the LORAN Data Channel (LDC) uninterrupted until further notice.

Dual rated LORAN stations Dana, IN (9960-z), George (9940-w), Seneca, NY (8970-x), Gillette, WY (8290-x), and Grangeville, LA (7980-y) will be on air testing LDC between 0800 and 1500 local time Monday through Friday.

The test broadcast will use pulse position modulation of a ninth pulse added one thousand microseconds after the standard pulse group. Throughout the test period the signal will meet all service performance parameters published in the 1994 specification of the LORAN-C signal. Users should not experience any tracking errors or service interference from this test broadcast. Users will be notified of any changes to the test schedule and when the testing is complete.

Loran users are encouraged to report any LORAN service degradation or outages they experience via the following methods:

- a. NAVCEN Information Service (East) at (703) 313-5900
- b. NAVCEN Detachment (Western Operations) at (707) 765-7598
- c. NAVCEN web site's report a LORAN problem worksheet at [Www.navcen.uscg.gov](http://www.navcen.uscg.gov). Additional information on the LORAN Data Channel and the 1994 LORAN-C signal specification may also be found at this web site.

LNM: 18/08

THIRTEENTH COAST GUARD DISTRICT - LORAN Station George

This is a proposal to authorize LORSTA George (rate 9940-W, 5990-Y) unusable time from 1600Z to 1800Z on 28 July 09 to conduct routine maintenance. The alternate date will be 1600Z to 1800Z on 29 July 09. Objections will be considered until 0001Z 23 July 09. Address inquiries to the U.S. West Coast Loran-C Chain Operations Control Officer at (707)765-7615.

LNM: 24/09

COLUMBIA RIVER - Research Trawling

NOAA will be conducting research pair-trawling operations in the vicinity of Puget Island (RM 37 to 51), between 01 Mar and 01 Oct 09. Operations may occur day or night. Trawl gear extends near the surface for approximately 100 yards behind the tow vessels, terminating in a small pontoon barge. Mariners are requested to use caution in the vicinity of the operation. NOAA vessels may be contacted on VHF-FM Channels 13, 16, and 82A. For additional information contact the Vessel Operations Coordinator at (503) 861-1818, ext 35.

Chart 18523

LNM: 09/09

COLUMBIA RIVER - Salvage Operations

Underwater Lumber will be conducting salvage operations on the Oregon side of Hayden Island (Oregon Slough) Mon through Fri from 06 Apr to 30 Sep 09 during daylight hours. Tug Oil King and Billy K will be monitoring VHF-FM Channel 77. Mariners are requested to use caution in the area.

Chart 18526

LNM: 13/09

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

The U.S. Army Corps of Engineers, Walla Walla and Portland Districts, have implemented the summer seasonal lockage schedule, which is effective from 15 May 09 to 15 Sep 09 for the passage of recreational craft through the navigation locks. For the lockage schedule and additional information, visit the following website <http://www.nwp.usace.army.mil> or contact the Walla Walla District at (509) 527-7115 or the Portland District at (503) 808-4384.

LNM: 18/09

OREGON - WILLAMETTE FALLS LOCKS - Lock Closure

The Willamette Falls Locks located at river mile 26.1 will remain closed to river traffic until a hydraulic steel structure inspection is performed on the chamber gates. For additional information, contact the Department of the Army at (503) 808-4333.

Chart 18528

LNM: 28/08

WASHINGTON - GRAYS HARBOR - Submerged Object

ACOE has reported a underwater obstruction at approx 25ft beneath the surface at approx pos 46-57.61187N 123-50.5159W. The obstruction is marked with a 1 to 2 ft red buoy. For additional information, contact Department of the Army at (206) 764-3401.

Chart 18502

LNM: 19/09

WASHINGTON - OFF SHORE - Research Buoys

The Olympic Coast National Marine Sanctuary will be deploying oceanographic research buoys in the waters of the sanctuary from 13 May to 01 Nov 09 at approximate positions 48-19-30N 124-40-54W, 48-19-18N 124-44-36W, 48-09-54N 124-45-24W, 48-09-54N 124-48-12W, 48-09-54N 124-53-36W, 47-52-30N 124-37-06W, 47-52-36N 124-44-00W, 47-35-54N 124-25-36W, 47-35-36N 124-29-36W, 47-21-18N 124-21-06W, 47-21-18N 124-28-06W, and 47-21-18N 124-34-06W. Each buoy will have a blinking yellow light, small orange flag and a radar reflector. For additional information, contact the Olympic Coast National Marine Sanctuary at (360) 457-6622 ext 14.

Chart 18480

LNM: 20/09

WASHINGTON - STRAIT OF JUAN DE FUCA - Subsurface Mooring

A subsurface mooring has been temporarily placed in position 48-30.504N 124-53.199W in a depth of 84 meters. The mooring is 69.5 meters below the surface and will remain in position until 30 Sep 09.

Chart 18460

LNM: 21/09

WASHINGTON - HOOD CANAL - Construction (Revision of LNM 15/09)

Kiewit-General Construction Company will be working on the Hood Canal Floating Bridge East Half Replacement Project from Jan to Oct 09. Specific projects include:

Temporary Skiff Docks established at the west and east bridge approaches with the anchors marked with white or yellow buoys showing FI Y. Vessels are requested to remain 500 ft clear of the docks.

Two mooring buoys established near the northwest corner of the bridge and one buoy established near the southwest corner of the bridge. These buoys are white in color showing FI Y. At times three barges may be tied up to each mooring. Vessels are requested to remain 1500 ft clear of the moorings.

Demolition and construction operations of temporary structures will be taking place in the vicinity of Lofall and South Point Docks. The barge anchors will be marked with white or yellow buoys showing FI Y. Mariners are requested to remain 500 ft clear.

Several barges and buoys will be temporarily moored in the southwest corner of Port Gamble Bay. Anchor locations are marked with white buoys showing FI W. Vessels are requested to remain 500 ft clear.

Multiple derrick barges and barges will be present during the construction project. Vessels are requested to remain 1,000 ft clear and advised to remain clear of the area between the pontoons and the derrick barges due to submerged anchor wire. The tug Redwood City (Radio Call Sign: WUS 6454) will be on site at all times when work is taking place. The Redwood City monitors VHF-FM Channels 13, 14, and 16. For additional information, contact Kiewit-General Construction Company at (360) 620-3423.

Chart 18476

LNM: 23/09

WASHINGTON - OSTRICH BAY - Discarded Munitions (Revision of LNM 52/04)

Mariners and divers are requested not to disturb the bottom sediments in the small back bay of Ostrich Bay, particularly in the vicinity of the Navy Ammo Loading Pier, due to unexploded ammunition. For additional information, contact Naval Base Kitsap Public Affairs Office at (360) 396-1631.

Chart 18474

LNM: 09/05

WASHINGTON - ELLIOTT - Safety Zone

The Captain of the Port, Puget Sound has established the following areas as safety zones: All waters extending 1,000 yards due south from the end of Pier 91, to be in effect only during the arrival or departure of Large Passenger Cruise Vessels at Pier 91, Seattle, Washington. Additionally, a safety zone encompassing all waters within 100 yards surrounding Pier 91, Seattle, Washington is in effect when a Large Passenger Cruise Vessel is moored at Pier 91.

In accordance with the general regulations in 33 CFR Part 165, Subpart D, no person or vessel may enter or remain in this security and safety zone, except for vessels authorized by the Captain of the Port or Designated Representatives.

Chart 18450

LNM: 19/09

WASHINGTON - ELLIOTT BAY - Construction

Evans-Hamilton, Inc has deployed 4 current meters at approximate position 47-35-14.052N 122-20-41.778W, 47-34-45.342N 122-20-40.686W, 47-34-20.790N 122-20-41.334W, and 47-34-10.308N 122-20-45.852W until 07 Aug 09. These buoys are bottom mounted and less than 2ft tall. For additional information, contact Evans-Hamilton, Inc at (206) 526-5622.

Chart 18449

LNM: 19/09

WASHINGTON - LAKE WASHINGTON - Dredging and Construction

Manson Construction Co. will be conducting dredge, construction, pipe laying, and survey operations in Lake Washington from Proctor Landing to Roanoke Street in approximate position 47-35-43N 122-14-08W from 0700 to 1900 Mon thru Fri 03 Jul to 15 Oct 09. Mariners are requested to maintain a 500 ft CPA during pipeline construction. Pipe laying Derrick D-8, dredge Andrew and various other work vessels in the area will monitor VHF-FM Channels 13, 16, and 66. For additional information, contact Manson Construction Co. at (206) 767-8616.

Chart 18447

LNM: 22/09

WASHINGTON - PUGET SOUND - DUWAMISH WATERWAY - Submerged Barge (Revision of LNM 05/03)

Six barges have sunk in the Duwamish Waterway approximately 150 yards south of the 1st Avenue Bridge and are protruding into the west side of the channel. The owner of the partially submerged barge has marked the corner in the channel with a red float and a quick flashing red light. Attempts to salvage the barge have been unsuccessful. An announcement will appear in this publication as changes occur. Contact the Army Corps of Engineers at (206) 764-3429 for more information.

Chart 18450

LNM: 16/03

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
8735	<i>Coos Bay Entrance Lighted Bell Buoy 1</i>	43-21-51.590N 124-21-47.877W	FI G 2.5s		3	Green.	28/09
					*		
9905	<i>Columbia River Entrance Lighted Bell Buoy 1</i>	46-13-23.933N 124-10-59.921W	FI G 4s		3	Green.	28/09
					*		
10100	<i>Astoria Crossing Lighted Buoy 37</i>	46-11-45.642N 123-50-00.634W	FI G 4s		3	Green.	28/09
					*		
10150	<i>Astoria Range Lighted Buoy 42</i> 200 yards outside channel limit.	46-12-36.165N 123-46-44.999W	FI R 4s		3	Red.	28/09
					*		
10155	<i>Tongue Point Channel Lighted Buoy 43</i> 50 yards outside channel limit.	46-13-02.386N 123-46-16.208W	FI G 4s		3	Green.	28/09
					*		
15660	<i>Grays Harbor South Reach Lighted Junction Buoy SC</i>	46-55-18.775N 124-02-49.247W	FI (2+1)R 6s		3	Red and green bands.	28/09
					*		
16030	Grays Harbor South Bay Channel Daybeacon 1	46-54-24.905N 124-05-40.397W				SG on pile.	Ra ref. 28/09
		*					
16170	<i>Neah Bay Entrance Lighted Bell Buoy 1</i>	48-22-36.598N 124-35-15.548W	FI G 4s		3	Green.	28/09
					*		
16315	<i>Port Angeles Boat Haven Lighted Buoy 3</i>	48-07-42.665N 123-26-54.221W	FI G 4s		3	Green.	28/09
					*		
16490 17520	<i>Point Hudson Spit Lighted Bell Buoy 2</i>	48-07-27.422N 122-44-39.803W	FI R 4s		3	Red.	28/09
					*		
16525	<i>Double Bluff Lighted Buoy 1</i>	47-57-58.433N 122-33-16.269W	FI G 4s		3	Green.	28/09
					*		

SECTION VIII - LIGHT LIST CORRECTIONS (Continued)

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
17350	<i>Nisqually Flats Lighted Buoy 1</i>	47-06-42.648N 122-41-53.870W	FI G 2.5s		3	Green.	28/09
					*		
17445	<i>Olympia Channel Lighted Buoy 4</i>	47-04-24.146N 122-55-02.937W	FI R 6s		3	Red.	28/09
					*		
17520 16490	<i>Point Hudson Spit Lighted Bell Buoy 2</i>	48-07-27.422N 122-44-39.803W	FI R 4s		3	Red.	28/09
					*		
18030	<i>Bainbridge Reef Lighted Buoy 4</i>	47-34-05.220N 122-31-08.287W	FI R 4s		3	Red.	28/09
					*		
18040	<i>Orchard Rocks Lighted Buoy 6</i>	47-34-27.009N 122-32-01.740W	FI R 2.5s		3	Red.	28/09
					*		
18505	<i>Port Gardner Anchorage Obstruction Lighted Buoy AO</i>	47-58-56.799N 122-14-47.356W	FI Y 4s		3	Yellow.	28/09
					*		
18520	<i>Snohomish River Lighted Buoy 3</i>	47-58-56.950N 122-14-03.141W	FI G 2.5s		3	Green.	28/09
					*		
18705	Oak Harbor Daybeacon 10	48-16-38.576N 122-38-50.280W				TR on pile.	28/09
		*					
18765	<i>Skagit Bay Lighted Buoy 4</i>	48-18-07.552N 122-29-06.324W	FI R 4s		3	Red.	28/09
					*		
18945	<i>Guemes Channel Lighted Buoy 2</i>	48-30-39.872N 122-41-54.631W	FI R 2.5s		3	Red.	Ra ref. 28/09
					*		
18970	<i>Guemes Channel Lighted Buoy 4</i>	48-31-09.904N 122-39-11.325W	FI R 4s		3	Red.	28/09
					*		
19020	<i>Padilla Bay Lighted Bell Buoy 4</i>	48-34-44.036N 122-35-46.772W	FI R 4s		3	Red.	28/09
					*		
19485	<i>Buckeye Shoal Lighted Bell Buoy 14</i> Marks shoal west of Sinclair Island.	48-37-27.247N 122-43-46.757W	FI R 6s		3	Red.	28/09
					*		
19775	<i>Haro Strait Lighted Junction Buoy A</i> Southwest of shoal.	48-38-17.988N 123-10-56.562W	FI (2+1)G 6s		3	Green and red bands.	28/09
					*		
19910	<i>Alden Bank Lighted Gong Buoy A</i>	48-50-23.385N 122-52-13.667W	FI (2+1)R 6s		3	Red and green bands.	28/09
					*		

PUBLICATION CORRECTIONS

U.S. Coast Pilot 7

Publication - National Ocean Service - U.S. Coast Pilot 7, Pacific Coast: California, Oregon, Washington, Hawaii, and Pacific Islands, 2009 (41st Edition). Change No. 19 is now available at <http://nauticalcharts.noaa.gov/nsd/cpilot7-9.htm>

LNM: 28/09

ENCLOSURES

Enclosure 1

OREGON - WASHINGTON - COLUMBIA RIVER - Dredging Operations

LNM: 28/09

Enclosure 2

WASHINGTON - SEATTLE - Marine Events

LNM: 28/09

Enclosure 3

OREGON - PORTLAND - Marine Events

LNM: 28/09

Enclosure 4

NOAA Tides and Currents Survey

LNM: 28/09

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.

J. F. Moriarty
Chief, Waterways Management Branch
Thirteenth Coast Guard District

OREGON – WASHINGTON – COLUMBIA RIVER – Dredging Operations

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

Start Date	End Date	Times	Location	Dredge Vessel	Assist Vessel	Channels Monitored	Disposal Area	LNМ
15 Jul 09	19 Jul 09	Sat-Tue 24hrs	<u>Coos Bay 2+10 to 3+20, 6+0 to 6+40 and 8+41 to 9+25</u>	Yaquina		13 and 16, VHF-FM	Site F	28/09
6 Jul 09	27 Jul 09	Mon-Sun 24 hrs	<u>Columbia River Mile -2 to 2+30</u>	Essayons		13 and 16, VHF-FM	In-water vicinity of River Mile 27 WA Side	25/09
29 Jun 09	31 Jul 09	Mon-Fri 24hrs	<u>Columbia River Mile 64+22</u>	Oregon		13 and 16, VHF-FM	Up-Land OR side	26/09
19 Jul 09	03 Aug 09	Mon-Sun 24hrs	<u>Yaquina Bay -48 to -28</u>	Yaquina		13 and 16, VHF-FM	Ocean Disposal Site, North site	28/09
1 Jul 09	30 Sep 09	Mon-Fri 24hrs	<u>Depoe Bay Boat Harbor</u>	Karen		8 and 16, VHF-FM	Submerged pipeline Up-Land	26/09
1 Jul 09	30 Sep 09	Mon-Fri 24hrs	<u>Garibaldi</u>	Nehalem		8 and 16, VHF-FM	In-water 200 ft south of Cargo Pier	26/09
01 Jul 09	01 Oct 09	Mon-Sun 24 hrs	<u>Coos Bay Mile 12 to 15</u>	Patriot	Scows Liberty and Lummi Island	13 and 16, VHF-FM	Ocean Disposal Site offshore of Coos Bay Jetty	26/09
28 Jun 09	1 Dec 09	Mon-Sun 24 hrs	<u>Columbia River Mile -2 to 2+30</u>	Terrapin	Columbia River	13 and 16, VHF-FM	Shallow water and North Jetty Disposal site	25/09

*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.

SEATTLE MARINE EVENTS

EVENT DATE	EVENT NAME	EVENT LOCATION	SPONSOR
7/17/09	Log Dodge # 1	Port Gardner, Possession Point	Milltown Sailing Society
7/17/09	Summer Cats Paw Series	Port Townsend	Port Townsend Sailing Association
7/18/09	Anacortes Boat Races	Guemes Channel	Port of Anacortes
7/18/09	Mid Summer Sound Social	Des Moines Marina	Three Tree Point Yacht Club
7/18/09	Des Moines Classic	Des Moines Marina	City of Des Moines
7/18/09	IPBA International Cruiser Contest	San Juan Islands	IPBA
7/18/09	Elliot Bay Salmon Derby	Elliott Bay, Marine Area 10	Elliot Bay Marina
7/18/09	Fat Salmon Open Water Swim	Lake Washington	Green Lake Aqua Ducks
7/18/09	NKPSA Chinook Derby	Hansville	North Kitsap Puget Sound Anglers
7/19/09	BYC Sea to SKI	Bellingham Bay	Bellingham Bay Yacht Club
7/20/09	STYC Ballard Cup Series 1-14	Shilshole Bay	Sloop Tavern Yacht Club
7/21/09	BYC Tuesday Evening	Bellingham bay	Bellingham Bay Yacht Club
7/21/09	Summer Evening - Tuesday Evening	Lake Washington	Corinthian Yacht Club of Seattle
7/21/09	Duck Dodge	Lake Union	Kim Dubois
7/22/09	Windseeker Wednesday Evening	Commencement Bay	Corinthian Yacht Club of Tacoma
7/22/09	BYC Wednesday Evening	Bellingham bay	Bellingham Bay Yacht Club
7/22/09	Summer Evening-PHRF	Meadow Point	Corinthian Yacht Club of Seattle
7/22/09	Summer Evening - Wednesday Evening	Lake Washington	Corinthian Yacht Club of Seattle
7/22/09	Wednesday Night racing	Fidalgo Bay	Anacortes Yacht Club
7/23/09	Summer Evening-One Design	Meadow Point	Corinthian Yacht Club of Seattle
7/23/09	Mid Summer Sound Social	Des Moines Marina	Three Tree Point Yacht Club
7/24/09	Log Dodge # 2	Port Gardner, Possession Point	Milltown Sailing Society
7/24/09	Whaling Days	Dyes Inlet Silverdale	Whaling Days
7/24/09	Summer Cats Paw Series	Port Townsend	Port Townsend Sailing Association
7/26/09	BYC Sea to SKI	Bellingham Bay	Bellingham Bay Yacht Club
7/27/09	STYC Ballard Cup Series 1-15	Shilshole Bay	Sloop Tavern Yacht Club

EVENT DATE	EVENT NAME	EVENT LOCATION	SPONSOR
7/28/09	BYC Tuesday Evening	Bellingham bay	Bellingham Bay Yacht Club
7/28/09	Summer Evening - Tuesday Evening	Lake Washington	Corinthian Yacht Club of Seattle
7/28/09	Duck Dodge	Lake Union	Kim Dubois
7/29/09	Windseeker Wednesday Evening	Commencement Bay	Corinthian Yacht Club of Tacoma
7/29/09	BYC Wednesday Evening	Bellingham bay	Bellingham Bay Yacht Club
7/29/09	Summer Evening-PHRF	Meadow Point	Corinthian Yacht Club of Seattle
7/29/09	Summer Evening - Wednesday Evening	Lake Washington	Corinthian Yacht Club of Seattle
7/29/09	Wednesday Night racing	Fidalgo Bay	Anacortes Yacht Club
7/30/09	Summer Evening-One Design	Meadow Point	Corinthian Yacht Club of Seattle
7/30/09	Mid Summer Sound Social	Des Moines Marina	Three Tree Point Yacht Club
7/31/09	Summer Cats Paw Series	Port Townsend	Port Townsend Sailing Association

PORTLAND MARINE EVENTS

EVENT DATE	EVENT NAME	EVENT LOCATION	SPONSOR
07/24-26/09	Maritime Heritage Festival	Portland, OR Willamette River	Downtown Marketing Initiative & Antique & Classic Boat Society
07/24-26/09	Tri-City Water Follies Unlimited Hydroplane Races	Kennewick, WA Columbia River	Tri-Cities Water Follies Association
07/25/09	Columbia Basin Bass Club Bass Tournament	Snake River, Lower Granite Pool	Columbia Basin Bass Club
07/25/09	Portland Poker Run	Portland OR-St. Helens OR, Willamette River	Oregon Custom Marine Inc
07/25/09	Celebrate Milwaukie Fireworks Display	Milwaukie OR, Willamette River	Milwaukie Centennial
08/01/09	Wake Stock 1080 Double Up Competition	Portland, OR Willamette River	Charge Beverages

The NOAA National Ocean Service (NOS) Center for Operational Oceanographic Products and Services (CO-OPS) invites customers to participate in an American Customer Satisfaction Index Survey. Your participation would help CO-OPS improve its water level and tidal current products and customer services. For over 200 years, CO-OPS and its predecessors have gathered data along our nation's coasts and turned those data into meaningful information to protect life, property, and the environment. CO-OPS would like to determine user satisfaction and would appreciate your feedback CFI Group, an independent research and consulting firm, is conducting this survey, which will take approximately 20 minutes to complete. The survey is hosted via a secure server and responses will remain strictly confidential and anonymous. We would greatly appreciate it if you would take a few minutes to rate CO-OPS performance via the Internet by clicking on the link below. Click the following link to start...

<https://svy.cfigroup.com/cgi-bin/qwebcorporate.dll?idx=9W8NQD&rk=MG6UFW>