



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

LOCAL NOTICE TO MARINERS

District: 13

Week: 04/12

ISSUED BY: COMMANDER, THIRTEENTH COAST GUARD DISTRICT (dpw)
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LIGHT LIST REFERENCE: COMDTPUB P16502.6, Light List Volume VI, 2011 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 and DGPS. 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/?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 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	D13-0072-12	D13-0115-12

ABBREVIATIONS

A through H

ADRIFT - Buoy Adrift
AICW - Atlantic Intracoastal Waterway
Al - Alternating
B - Buoy
BKW - Breakwater
bl - Blast
BNM - Broadcast Notice to Mariner
bu - Blue
C - Canadian
CHAN - Channel
CGD - Coast Guard District
C/O - Cut Off
CONT - Contour
CRK - Creek
CONST - Construction
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
fl - flash
Fl - Flashing

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
NOS - National Ocean Service

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
TMK - Topmark

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

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

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
IVO - In Vicinity Of

LLNR - Light List Number
NM - Nautical Miles

RM - River Mile Marker

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

OREGON – WASHINGTON – Japan Tsunami Marin 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

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

WASHINGTON – BOUNDARY PASS – WALDRON ISLAND – Mooring Buoy Established

A U.S. Coast Guard mooring buoy labeled "CG" has been established in approximate position 48-43-09.7N, 123-01-47.8W. Mariners are advised that this mooring buoy is reserved for the use of U.S. Government vessels.

Charts: 18431 18432

LNM: 03/12

OREGON – WILLAMETTE RIVER – BNSF Railroad Bridge (St. Johns) Deviation of Operations

The U.S. Coast Guard has issued a deviation to the operation of the Burlington Northern Santa Fe (BNSF) Railroad Bridge across the Willamette River, at RM 6.9, also known as the St. Johns Railroad Bridge. This deviation allows the BNSF Bridge to remain closed and not open for vessel traffic from 0900-1500 from 30 Jan 12 through 01 Feb 12. The closure is needed to facilitate track maintenance activities.

Chart 18526

LNM: 02/12

WASHINGTON – DUWAMISH WATERWAY – Waterway Closure for Bridge Construction

Construction barges will be blocking the Duwamish Waterway at RM 3.8, South Park Bridge from 0700 until 1900 on 23, 24 and 25 Jan 12. Mariners are advised to avoid the construction area during these times and dates.

Chart 18450

LNM: 02/12

WASHINGTON – DUWAMISH WATERWAY – Voluntary Avoidance of Opening of Spokane Street Bridge During Rush Hours

The City of Seattle Department of Transportation is requesting that vessel traffic voluntarily avoid requesting openings of the Spokane Street Swing Bridge over the Duwamish Waterway, mile 0.3, during the hours of 1500 to 1800, Monday through Friday, until Sep 12. This voluntary avoidance of openings is requested to accommodate roadway traffic that has been diverted from the high-level Spokane Street Bridge to the lower Spokane Street swing bridge because of on-going construction on the Spokane Street Viaduct access ramps. Vessels needing an opening of the bridge between 1500 to 1800 during the weekday are requested to provide advance notice if possible so that street traffic may be alerted to openings of the bridge. For more information contact the City of Seattle Department of Transportation at (206) 684-3897 or visit the website: <http://www.seattle.gov/transportation/spokanestreet.htm>.

Chart 18450

LNM: 02/12

OREGON – CAPE BLANCO TO YAQUINA HEAD – Temporary Buoy Deployed

A temporary yellow research lighted buoy with a flashing yellow 4 second light, FI Y 4s, has been deployed 2.6 NM west of Yaquina Head at 44-40-58.8N, 124-08-42.0W.

Charts: 18520 18580

LNM: 02/12

WASHINGTON – LAKE WASHINGTON – SR 520 Bridge – Special Bridge Notice

The Coast Guard has issued a public notice announcing a permit application from the State of Washington for the approval of location and plans

for the replacement of the SR 520 floating bridge over Lake Washington, in Seattle, Wa at 47-38-25 N, 122-15- 34 W. The State of Washington proposes to replace the existing SR 520 movable span floating bridge with a fixed floating bridge. Public Notice 01-12 solicits comment and is available at <http://www.navcen.uscg.gov/?pageName=pnBridges&Active=1®ion=13>. The Bridge Administrator is Mr. Randall Overton and may be contacted at (206) 220-7282.

Chart 18447

LNM: 02/12

OREGON – CHETCO RIVER ENTRANCE DAYBEACON 9 – TRUB Is Missing

The temporarily buoy that replaced Chetco River Entrance Daybeacon 9 (LLNR 8635) was washed away and is missing. The USCG plans to reconstruct a new lighted beacon at the location of the destroyed Daybeacon 9 in April of 2012.

Chart 18602

LNM: 02/12

SNAKE RIVER – LAKE SACAJAWEA – Obstruction to navigation at the downstream approach to the Ice Harbor Lock and Dam (revised from LNM 47/10)

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 use caution when transiting this area and avoid the southern edge of the navigation channel. For further details, please reference sheet 10 of 10 of the 2011 hydrographic surveys found on the USACE Walla Walla District Navigation website:

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

Chart 18545

LNM: 01/12

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
565	Chetco River Approach Lighted Whistle Buoy CR	REDUCED INT	18602	1000-11	42/11	
590	NOAA Environmental Lighted Buoy 46015	MISSING	18580	No BNM	49/11	
641	NOAA Environmental Lighted Buoy 46050	OFF STA	18561	0564-11	23/11	
765.7	DART Tsunami Warning Lighted Buoy 46419	MISSING	18007	0927-10	39/10	
8595	Chetco River Approach Lighted Whistle Buoy CR	REDUCED INT	18602	1000-11	42/11	
8635	Chetco River Entrance Daybeacon 9	DBN DEST	18602	0492-10	23/10	
8855	Empire Range A Front Light	DBN IMCH	18587	0086-12	04/12	
9230	Umpqua River Entrance Buoy 2	MISSING	18584	1233-11	52/11	
9453	Siuslaw River Channel Buoy 4	MISSING	18583	0080-12	04/12	
9480	Siuslaw River Channel Buoy 6	OFF STA	18583	0088-12	04/12	
9501	Siuslaw River Channel Buoy 11	MISSING	18583	0081-12	04/12	
9585	Yaquina Bay Entrance Range Rear Light	DBN DMGD	18581	0141-11	06/11	
10035	Tansy Point Range Rear Light	STRUCT DEST	18521	1110-11	48/11	
10410	Hunts Mill Point Light 44A	LT EXT	18523	0101-12	04/12	
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	
10595	Eureka Dike Light 80	LT EXT	18523	0100-12	04/12	
10965	Martin Island Bluff Lighted Buoy 60	OFF STA	18524	1251-11	01/12	
10980	Martin Island Middle Dike Light 65	STRUCT DMGD	18524	1076-11	45/11	
11025	Columbia City Light 76	LT EXT	18524	0092-12	04/12	
11465	Government Island Range Front Light	LT EXT	18531	0963-11	41/11	
11480	Government Island Upper Range Front Light	LT EXT	18531	0038-12	02/12	

11615	Cape Horn Range Front Light	LT EXT	18531	0788-11	33/11
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
11932	Hood River Buoy 36	OFF STA	18532	1225-11	52/11
12300	Lake Celilo Lighted Buoy 31	LT EXT	18533	0046-12	02/12
12360	Lake Celilo Buoy 45	OFF STA	18533	0613-11	25/11
12755	Lake Umatilla Buoy 77	SINKING	18539	0558-11	23/11
13686	Little Goose Dam Buoy I	MISSING	18546	0235-09	17/09
14165	Franklin D. Roosevelt Lake Buoy 8	OFF STA	18551	None	47/11
14435	Baker Bay West Channel Daybeacon 7	DBN DMGD	18521	1118-11	48/11
15003	Elk Rock Buoy 8	LT EXT	18528	0094-12	04/12
15005	Elk Rock Buoy 10	SINKING	18528	0095-12	04/12
15010	Elk Rock Buoy 12	SINKING	18528	0096-12	04/12
15135	New Era Bar Range Front Daybeacon	DBN IMCH	18528	0723-11	30/11
15140	New Era Bar Range Rear Daybeacon	DBN IMCH	18528	0724-11	30/11
15585	Point Chehalis Range Front Light	DBN DEST	18502	1012-09	50/09
15590	Point Chehalis Range Rear Light	LT EXT	18502	0105-12	04/12
15735	Grays Harbor North Channel Range D Front Light	DBN IMCH	18502	0053-12	03/12
15790	Grays Harbor North Channel Range F Rear Light	DBN IMCH	18502	0055-12	03/12
16540	Puget Sound Traffic Separation Lane Lighted Buoy SE	RAC INOP	18473	1164-11	49/11
17131	Commencement Bay Shoal Lighted Buoy A	LT EXT	18453	0091-12	04/12
18535	Snohomish River Light 5	LT EXT	18444	0104-12	04/12
19274	Squalicum Creek Entrance Lighted Buoy 1	LT EXT	18424	0035-11	03/11
19395	Belle Rock Sector Light	STRUCT DEST	18429	0976-11	41/11
19490	Peapod Rocks Light 15	DBN IMCH	18430	0797-11	34/11
19530	Puffin Island Shoal Light 19	LT EXT	18430	0036-12	02/12
19690	Haro Strait Lighted Buoy VD (C)	MISSING		1228-11	52/11

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
620	Umpqua River Light	RELIGHTED	18584	0084-12	04/12	04/12
8740	Coos Bay Entrance Range Front Light	REBUILT/REMAINS	18587	0112-12	04/12	04/12
9260	Umpqua River Light	RELIGHTED	18584	0084-12	04/12	04/12
16510	Puget Sound Traffic Separation Lane Lighted Buoy SC	RESET ON STATION	18477	0111-12	04/12	04/12
16910	Duwamish Head Light	WATCHING PROPERLY	18450	0108-12	04/12	04/12
17070	Robinson Point Light	WATCHING PROPERLY	18474	0106-12	04/12	04/12
18010	Eagle Harbor Light 4	WATCHING PROPERLY	18449	0083-12	04/12	04/12
18010	Eagle Harbor Light 4	WATCHING PROPERLY	18449	0107-12	04/12	04/12

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
635	Heceta Head Lighthouse	LT EXT	18580	0049-11	03/12	
652	OSU Yaquina Research Lighted Buoy	MISSING	18561	0115-12	04/12	
18387	North Leschi Breakwater Lights (4)	LT IMCH	18447	0700-11	29/11	
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	
19955	Point Roberts Marina Light 2	LT EXT	18421	0064-12	03/12	

DISCREPANCIES (PRIVATE AIDS) CORRECTED

reduction in nominal range

The U.S. Coast Guard is proposing to reduce the nominal range of the Coast Guard Mooring Breakwater Obstruction Light (LLNR 16291) from five (5) to four (4) NM to facilitate the installation of a self-contained LED lantern.

Charts: 18440 18465 18468

LNM: 02/12

WASHINGTON – PUGET SOUND – NORTHERN PART – HOOD CANAL – Hood Canal Light 15 reduction in nominal range

The U.S. Coast Guard is proposing to reduce the nominal range of Hood Canal Light 15 (LLNR 17860) from five (5) to four (4) NM to facilitate the installation of a self-contained LED lantern.

Charts: 18445 18476

LNM: 02/12

WASHINGTON – STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA – SAN JUAN CHANNEL – Cliff Island Light 3 reduction in nominal range

The U.S. Coast Guard is proposing to reduce the nominal range of Cliff Island Light 3 (LLNR 19640) from five (5) to four (4) NM to facilitate the installation of a self-contained LED lantern.

Charts: 18421 18423 18434

LNM: 01/12

WASHINGTON – PUGET SOUND – NORTHERN PART – Mats Mats Bay Channel Light 5 reduction in nominal range

The U.S. Coast Guard is proposing to reduce the nominal range of Mats Mats Bay Channel Light 5 (LLNR 17670) from four (4) to three (3) NM to facilitate the installation of a self-contained LED lantern and align the light characteristic with other aids to navigation in the waterway.

Charts: 18445 18473 18477

LNM: 01/12

WASHINGTON – PUGET SOUND – NORTHERN PART – HOOD CANAL – Dosewallips Flats Light reduction in nominal range

The U.S. Coast Guard is proposing to reduce the nominal range of Dosewallips Flats Light (LLNR 17870) from five (5) to four (4) NM to facilitate the installation of a self-contained LED lantern and align the light characteristic with other aids to navigation in the waterway.

Charts: 18445 18476

LNM: 01/12

WASHINGTON – PUGET SOUND – SEATTLE TO OLYMPIA – Blake Island East Light reduction in nominal range

The U.S. Coast Guard is proposing to reduce the nominal range of Blake Island East Light (LLNR 16955) from six (6) to five (5) NM to facilitate the installation of a self-contained LED lantern.

Charts: 18448 18449 18474

LNM: 01/12

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	Maryhill-Briggs Bridge	Maryhill, WA	EXT	08/22/11	0804-11
Clearwater River	Camas Prarie Railroad Bridge	Lewiston, ID	R LTs EXT	08/30/11	0830-11
St. Joe River	St. Joe River Bridge	St. Maries, ID	EXT	08/30/10	No BNM
Willamette River	Lake Oswego RR Bridge	Lake Oswego, OR	EXT	06/30/10	0581-10
Willamette River	Salem Railroad Bridge	Salem, OR	EXT	06/27/11	0646-11
FDR Lake Columbia R.	Kettle Falls RR Bridge	Kettle Falls, WA	EXT	08/14/11	No BNM
Lake Wash. Ship Canal	BNSF RR Bridge	Seattle, WA	EXT	05/20/11	0516-11
Port Wash. Narrows	Manette Bridge	Bremerton, WA	Temp LTs	03/01/11	0253-11
Coos Bay	Coos Bay RR Bridge	North Bend, OR	EXT	12/09/11	1180-11

LNM: 04/12

BRIDGE LIGHTING DISCREPANCIES CORRECTED

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

Columbia River (RM 112.7)	Glen Jackson (I-205) Bridge	Vancouver, WA
Columbia River (RM 106.5)	I-5 Interstate Bridge	Vancouver, WA

LNM: 04/12

OREGON - COOS BAY - McCullough Bridge drilling operations

The Oregon Department of Transportation will be using a barge rig to investigate soil and rock adjacent to the McCullough Bridge Northern span area for temporary work bridges. The barge contains the CPT rig which will be anchored in nine exploratory locations alongside the bridge, out of the main shipping channel. Work will commence in early Jan 12 and be completed by 15 Feb 12. Operations will be conducted 5 days a week during daylight hours. For more information contact Mr. Sam Dunnivant at (541) 957-3519.

Chart 18587

LNM: 47/11

OREGON – YAQUINA BAY – Yaquina Bay Bridge paint and repair

OREGON – YAQUINA BAY – Yaquina Bay Bridge paint and repair

The Yaquina Bay Bridge paint and repair project may reduce the vertical clearance by 10 feet in various locations underneath the bridge from 01 Apr 11 until 31 Oct 12. The work platforms and containment systems will be marked with yellow flashing lights.

Chart 18581

LNM: 13/11

COLUMBIA RIVER – LONGVIEW - Lewis and Clark Bridge painting

The Washington State Department of Transportation (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

WASHINGTON – ELLIOTT BAY – DUWAMISH WATERWAY – Bridge Construction Through Feb 2013

Construction work will continue in the vicinity of the South Park Bridge on the Duwamish Waterway through the month of Feb 13. The waterway will be partially obstructed due to construction of concrete pillars and anchoring of barges. Mariners use caution and slowest speed while transiting the South Park Bridge area. Complete blockage may occur and will be announced separately.

Chart 18450

LNM: 29/11

WASHINGTON – TACOMA HARBOR – THEA FOSS WATERWAY – 11th Street South Bridge – Special Bridge Notice

The 11th Street South Bridge across the Thea Foss Waterway, also known as City Waterway, RM 0.6, at Tacoma, WA, will be lowered to the closed position on 14 Nov 11, to facilitate a major rehabilitation project. The bridge will be in the closed position through 30 Apr 12. During this maintenance period the bridge need not open to marine traffic except as noted in this article. During this maintenance period the bridge will be opened for one weekend, to be determined, in Apr 12. The bottom of bridge is fitted with a debris containment system and while in the closed position provides 57 feet of vertical clearance above mean high water. Vessels which are able to pass beneath the bridge will be allowed to do so during this maintenance period. The project manager for the City of Tacoma is Mr. Tom Rutherford at (253) 591-5767. The Coast Guard Bridge Administrator is Mr. Randall Overton at (206) 220-7282.

Chart 18453

LNM: 43/11

OREGON – WILLAMETTE RIVER – PORT OF PORTLAND - Morrison Bridge Special Bridge Notice

The U.S. Coast Guard has issued a deviation to the operation of the Morrison Bridge across the Willamette River, at RM 12.8. This deviation allows the Morrison Bridge to operate with single leaf openings from 01 Dec 11 through 27 May 12. The bridge will promptly open a single leaf when at least two (2) hours of advanced notice for an opening is given. This deviation is needed to facilitate major maintenance and rehabilitation of the bridge. During this maintenance period a debris containment system will be attached to the inoperable bascule leaf and will reduced the vertical clearance under the inoperable leaf up to eight (8) ft. Vessels which do not require a bridge opening may continue to transit beneath the bridge during this deviation period. An assist tug will be provided for larger vessels when maneuvering is constrained by the limited opening. The Multnomah County point of contact is Mr. Kenneth Huntley at (503) 988-3757 x 243, and the U.S. Coast Guard Bridge Administrator is Mr. Randall Overton (206)-220-7282.

Chart 18526

LNM: 47/11

OREGON – WILLAMETTE RIVER – Sellwood Bridge construction

The Sellwood Bridge at RM 16.6 on the Willamette River is under construction for replacement from Dec 11 to Mar 15. 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

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

The U.S. Army Corps of Engineers, Walla Walla and Portland Districts have implemented the winter seasonal lockage schedule from 16 Sep 11 to 14 May 12 for the passage of recreational craft through the navigation locks. Winter recreational vessel lockage will be made during daylight hours only, on request at each of the Walla Walla District locks. Commercial traffic continue to have lockage precedence over recreational traffic, however, at the discretion of the lock operator, recreational vessels may be allowed to lock through with commercial vessels. A reminder for all vessel owner/operators, locking through the locks is at your own risk, and everyone in a vessel must wear a PFD during lockage. For additional information about specific closure dates for individual locks, visit the following website: <http://www.nww.usace.army.mil/html/offices/op/t/navdata/> or contact the U.S. Army Corps of Engineers Walla Walla District at (509) 527-7115 / 7111.

Charts: 18532 18535 18541 18545 18546 18547 18548

LNM: 37/11

COLUMBIA RIVER – LOWER DESDEMONA SHOAL – Two Lost Anchors and Chain

The Coast Guard has confirmed a report of two lost anchors, and up to two (2) 1000ft sections of anchor chain at the entrance of the Columbia River. The anchors and chain are resting in approximately 60-80ft of water at RM 4.5 at approximate positions 46-15.182N 124-00.923W and 46-15.325N 124-01.693W. All mariners are advised to transit the area with caution avoiding anchoring and dragging when possible. For more information contact MSU Portland, OR Waterways Management at (503) 240-9319.

Chart 18521

LNM: 49/11

COLUMBIA RIVER – BAKER BAY WEST CHANNEL – Shoaling reported

The USACE conducted a survey in Baker Bay West Channel, WA on the Columbia River on 12 Sep 11. Severe shoaling has been found between Baker Bay West Channel Daybeacon 6 (LLNR 14430) and Baker Bay West Channel Daybeacon 7 (LLNR 14435). The survey indicates shoaling

COLUMBIA RIVER – BAKER BAY WEST CHANNEL – Shoaling reported

ranges from 0 to 5 ft on the north side of the channel. The controlling depths for this area are between 12 and 15 ft. Mariners are advised to transit on the south side of the channel in this area.

The survey also found shoaling between Baker Bay Channel Light 8 (LLNR 14440) and Baker Bay Channel Light 10 (LLNR 14450). The controlling depths for this area is 12 to 15 feet, but the survey indicates an average depth between 5 feet to 10 feet with the shallowest depths concentrated IVO Baker Bay West Channel Daybeacon 9 (LLNR 14445) of 5 feet center channel.

All mariners should exercise caution when transiting IVO Baker Bay West Channel Daybeacon 6 (LLNR 14430) to Baker Bay West Channel Light 10 (LLNR 14450), especially during periods of low tide. For more information, contact Mr. Mike Ott with the USACE at (503) 808-4348.

Chart 18521

LNM: 39/11

COLUMBIA RIVER – CATHLAMET CHANNEL – Severe Shoaling

During an Aids to Navigation verification, the Coast Guard discovered increased shoaling inside the Cathlamet Channel IVO Buoy 5 (LLNR 10543). Depths up to two feet were observed around Buoy 5. Note the chart correction “Shoaling Rep 2001” IVO Buoy 5 on chart 18523. Depths shallower than charted were observed between Buoys 5 and 7. Mariners are urged to transit the area at high tide and use extreme caution.

Chart 18523

LNM: 36/11

COLUMBIA RIVER – Dock Demolition and Construction at the United Harvest Dock

HME Construction, INC. is conducting demolition and construction operations at the United Harvest Dock on the Columbia River at RM 77 in Kalama, WA. The work will continue until approximately 28 Feb 12. Operations will be performed up to 10 hours daily, 5 to 7 days per week. The derrick barges Sea Horse, Sea Vulture, Sea Hawk and various tugs and vessels will be used for the operation. The DB(s) will spud down and display proper day shapes and lights, and have AIS activated. VHF-FM channels 13, 16 and 69 will be monitored by the working vessels. Mariners are requested to use the slowest and safest speed to minimize wakes when transiting the area. For more information contact HME Construction, INC. at (360) 695-4553.

Chart 18524

LNM: 43/11

COLUMBIA RIVER – PUGET ISLAND – Bugby Hole Light 46 Destroyed

Bugby Hole Light 46 (LLNR 10415) has been destroyed and replaced with a TRLB displaying a quick red flashing light (QR) with a nominal range of 3NM in approximate position 46-10-54.030N, 123-25-55.188W.

Chart 18523

LNM: 49/11

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 176.7, 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 RIVER – BONNEVILLE POOL – Severe Shoaling IVO the White Salmon River Entrance (revised from LNM 49/11)

Severe shoaling has been reported at RM 169 IVO the entrance to the White Salmon River and west of Bonneville Pool Light 35 (LLNR 11925). Bonneville Temporary Buoy 33 (no LLNR) has been set at approximate position 45-43.612N, 121-31-433W showing a quick flashing green (Q G). All mariners exercise caution when operating in the area.

Chart 18532

LNM: 50/11

COLUMBIA RIVER – SNAKE RIVER – 2012 Annual Maintenance Lock Closure

The U.S. Army Corps of Engineers (USACE) annual maintenance lock closure is scheduled during March 2012. The Lower Monumental wall repair requires some additional lock closure time to prep for the repairs. During the week prior to the annual maintenance, between 27 Feb 12 and 02 Mar 12, the Lower Monumental lock will be closed to river traffic between 0600 until 1800, and open for lockages from 1800 until 0600 local time each day. The navigation lock maintenance closures are:

Project	Closes	Reopens
McNary (RM 292)	0600, 06 Mar 12	1800, 20 Mar 12
Ice Harbor (RM 9.7)	0600, 06 Mar 12	1800, 27 Mar 12
Lower Monumental (RM 41.6)	0600, 27 Feb 12 – 02 Mar 12	1800, 27 Feb 12 - 02 Mar 12
Little Goose (RM 70.3)	0600, 06 Mar 12	1800, 27 Mar 12
Lower Granite (RM 107.3)	0600, 06 Mar 12	1800, 27 Mar 12

LNM: 51/11

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

WASHINGTON – GRAYS HARBOR – Marine Construction IVO RM 5 and 6

Construction of slip and berth installation is in progress until 28 Feb 12 on the south side of Grays Harbor Navigation Channel, between Grays Harbor South Reach Lighted Junction Buoy SC (LLNR 15660) and South Reach Lighted Buoy 24 (LLNR 15680). Hours of construction are from

WASHINGTON – GRAYS HARBOR – Marine Construction IVO RM 5 and 6

0700 to 1900 Monday to Friday, but vessels and equipment will remain on site 24 hours per day, 7 days per week. Four point anchors will be used for working barges at the mooring site with float markers attached above anchor locations. The working vessels will monitor VHF-FM Ch 14. For more information, contact Brian Masten at (206) 786-9532.

Chart 18502

LNM: 47/11

WASHINGTON – APPROACHES TO STRAIT OF JUAN DE FUCA – LaPush Lighted Research Buoy

University of Washington has placed a subsurface research buoy off the Washington coast near LaPush at 47-57-51.180N, 124-56-53.880W. The buoy is 50 feet below the surface, and fishing vessels are requested to operate no closer than 300 yards of the deployed position. Contact John Mickett at (206) 897-1795, or email jmickett@apl.washington.edu.

Chart 18460

LNM: 34/11

WASHINGTON – ROSARIO STRAIT – Belle Rock Sector Light Destroyed (revised from LNM 43/11)

Belle Rock Sector Light (LLNR 19395), has been destroyed and replaced by a lighted isolated danger buoy marked 'BR' with a white light flashing twice every five seconds (Fl (2) W 5s) in position 48-29-36.517N, 122-44-56.466W. The buoy is set 302 yards at 078.3 degrees east of Belle Rock, in 100 feet of water. The buoy has been named Belle Rock Lighted Isolated Danger Buoy "BR" (LLNR 19397).

Charts: 18421 18429

LNM: 45/11

WASHINGTON – ADMIRALTY INLET AND PUGET SOUND TO SEATTLE – WEST POINT – Temporary Buoy

A temporary yellow research lighted buoy has been deployed off of West Point in position 47-39-29.160N 122-26-25.680W. The buoy is marked with a yellow light flashing every four seconds (Fl Y 4s). For more information contact Mr. Ken Rhinefrank at Columbia Power Technologies (541) 737-7875 or Mr. Brad Lamb at (434) 817-8799.

Chart 18449

LNM: 08/11

WASHINGTON – PUGET SOUND - ELLIOTT BAY – DUWAMISH WATERWAY – Slip # 4 Construction

Construction work will be conducted on Slip #4 on the Duwamish Waterway, RM 3.5, in Seattle, WA from 30 Nov 11 until 31 Jan 12. Construction material will be transported daily from the West Seattle Bridge, RM 1.35, to Slip #4. Mariners transiting IVO Slip #4 are requested to use no wake.

Chart 18450

LNM: 38/11

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

Three yellow buoys, with a yellow light flashing every four seconds (Fl 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 – PUGET SOUND – PORT WASHINGTON NARROWS – Replacement of the Manette Bridge (revised from LNM 50/11)

Construction on the Manette Bridge replacement project across the Port Washington Narrows in Bremerton, WA. will continue through Feb 12. Most operations will be conducted during daylight hours. Existing old piers have been removed to an elevation +14 and flashing yellow two second lights (Fl Y 2s) will be installed on each end of the old piers. An old pier is located on the west side of the main channel, and marine traffic could be stopped up to 15 minutes. VHF-FM channels 13, 16 and 68 will be monitored by the working vessels Tug Alison 'S', DB 24 and DB Southman. All mariners are requested to contact the Allison 'S' for passing arrangements prior to transiting through the bridge area. Do not stop in the work areas, especially under the new or old bridge, stay in the main channel. Temporary navigation lights have been installed on the main channel. For additional information contact Manson-Mowat at (360) 782-5441 (site office) or (206) 793-7354 (cell).

Charts: 18445 18449

LNM: 51/11

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 – LAKE WASHINGTON SHIP CANAL – BALLARD STREET BASCULE BRIDGE – Operating Restrictions

The Ballard Street Bascule Bridge at mile 1.1, on the Lake Washington Ship Canal, will be operating with a single leaf openings and reduced vertical clearance between the hours of 0700 to 1800 from 07 Nov 11 through 05 Mar 12. During this time, a double leaf opening can be arranged provided notice is given no later than 0930 by calling (206) 684-4801 or (206) 310-9297. During this maintenance period, the vertical clearance of the bridge will be reduced up to 4 feet while in the closed position due to the placement of a work platform and debris containment system on the underside of the bridge.

Chart 18447

LNM: 45/11

SECTION VIII - LIGHT LIST CORRECTIONS

An Asterisk *, indicates the column in which a correction has been made to new information

SECTION VIII - LIGHT LIST CORRECTIONS (Continued)

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
None							

PUBLICATION CORRECTIONS

None

ENCLOSURES

Enclosure 1

OREGON - WASHINGTON - COLUMBIA RIVER - Dredging Operations

LNM: 04/12

Enclosure 2

OREGON - PORTLAND and WASHINGTON - SEATTLE - Marine Events

LNM: 04/12

Enclosure 3

Revised U.S. AIS Encoding Guidance

LNM: 04/12

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 planned or in progress at the following locations:

Start Date	End Date	Times	Location	Dredge Vessel	Assist Vessel	Channels Monitored	Disposal Area	LNM
6 Sept 11	1 May 12	Mon-Sun 24 Hours	Duwamish Waterway, (RM 3.8) South Park Bridge, Seattle, WA	DB Beaver	Point Defiance, GC-104 Barge	13 and 14 VHF-FM	Elliott Bay DMMP disposal site	35/11
28 Nov 11	15 Feb 12	Mon-Sun 2100 to 0500	Keystone Harbor, Whidbey Island, WA	Mukilteo / Palouse	Skagit	13, 16 and 69 VHF- FM	Boat Launch Parking Lot	48/11
15 Nov 11	15 Feb 12	Mon-Sun 24 Hours	Grays Harbor (Cow PT, Aberdeen Reach, Hoquiam Reach, North Channel)	Patriot	Liberty, Lummi Island	13,16 and 68 VHF- FM	South Jetty or PT Chehalis (open water)	46/11
12 Dec 11	31 Jan 12	Mon-Sun 24 Hours	Duwamish Waterway, Duwamish Yacht Club moorage	DB Oakland	TBD	16, 19A and 66 VHF-FM	Elliot Bay Open Water	49/11
20 Dec 11	15 Feb 12	Mon-Sat 24 Hours	Port of Everett, WA at North Marina	Cool Bob or Military Barge	Mud Pup and Halle 'H'	13, 14 and 16 VHF- FM	Port Gardner Open Water	51/11
4 Jan 12	27 Jan 12	Mon-Sun 24 Hours	Columbia River (RM 85-86)	Oregon	Ivanoff, Clackamas, WL Williams	13 and 16 VHF-FM	Beach Nourish to Sand Island	02/12
19 Jan 12	31 Jan 12	Mon-Sun Day Time Only	Port of Everett, WA at Pacific Terminal	Glady's M	DB Andrew	08, 13 and 16 VHF- FM	TBD	02/12
28 Dec 11	29 Feb 12	Mon-Fri 0700 to 1700	Willow Bar Reach (RM 96 to 97), Vancouver, WA	"7"	None	13, 16 and 79 VHF- FM	Fazio Bros Sand Pit (RM 96 to 97)	51/11
12 Jan 12	14 Feb 12	Mon-Sat 0700 to 1900	Commencement Bay, Terminals 3-4, Port of Tacoma, WA	DB Rainer	Tug Kern	13, 14 and 16 VHF- FM	Commencement Bay	01/12

***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.**

SECTOR COLUMBIA RIVER MARINE EVENTS

EVENT DATE	TIME	EVENT NAME	EVENT LOCATION	SPONSOR
11 Feb 12	1100-1245	PNWORCA Small Boat Winter Series	Sand Island Kalama, WA	Mountain Home Canoe Club POC: Craig Hold
18 Feb 12	0700-1500	2 nd Annual Mckenzie Pub Sturgeon Derby	Willamette River between Milwaukie and St. Johns.	Get Reel Guide Service POC: Derek Clare
4-5 Mar 12	0600-1800	Winter Walleye Classic	Columbia River at Richland, WA	Walleye Anglers Unlimited POC: Steve Lee
16-17Apr 12	1000-1500	2012 World Jet Boat Marathon	Snake River	Salmon River Jet Boat Boat Races POC: Kim Friend
21 & 22 Apr 12	0600-1800	Club Tournament	Lake Wallula, OR	Columbia Basin Bass Club POC: Gene Hooker
05 May 12	1100-1500	Columbia Yachting Association Opening Day Parade	Columbia River, OR	COLUMBIA RIVER YACHTING ASSOCIATION POC: Larry Justice
27 & 28 Jul 12	0600-1800	Ilwaco Tuna Classic	Ilwaco, WA	Oregon Tuna Classic POC: Dean Fenguson

SECTOR PUGET SOUND MARINE EVENTS

EVENT DATE	TIME	EVENT NAME	EVENT LOCATION	SPONSOR
14 & 21 Jan 12	0800 - 1400	Sailboat Racing	Budd Inlet	South Sound Sailing Society
15, 22, 29 Jan 12	1200 – 1600	Goose Bumps Races	Lake Union	Northwest Riggers Yacht Club

REVISED U.S. AUTOMATIC IDENTIFICATION SYSTEM (AIS) ENCODING GUIDANCE

The Coast Guard continues to see an unacceptable number of AIS users that have not properly encoded their AIS static data (i.e. MMSI, name, call sign, number, dimensions, type, etc.) or are not properly updating their voyage related information (i.e. navigation status, static draft, destination, ETA, etc.). AIS users should be particularly diligent in updating their 'Navigational Status' when at anchor or moored; which reduces the AIS reporting rate to once every 3 minutes vice every 2–10 seconds, and, mitigates network congestion.

AIS users are required to properly encode and operate their AIS at all times (33 CFR §164.46), not doing so could subject the user and owner to civil penalties not to exceed \$40,000 per occurrence. For additional guidance on how to properly encode your AIS see our revised *AIS Encoding Guide* at <http://www.navcen.uscg.gov/?pageName=locode>. Note, our revised *AIS Encoding Guide* amends AIS *Ship Types 20-29*, which are normally used to represent Wing in Ground (WIG) vessels as follows:

- 20–Wing in Ground (WIG) vessels
- 21–Vessels engaged in towing by pushing ahead or alongside, i.e. pushboat, and who's AIS dimension values (ABCD) solely represent the length and breadth of the vessel
- 22–Vessels engaged in towing by pushing ahead or alongside, i.e. pushboat, and, who's AIS dimension values represent the maximum rectangular dimensions of the vessel and its tow
- 23–Vessels designed to tow by pushing ahead or alongside, i.e. pushboat, but, not currently engaged in towing, i.e. lightboat
- 24–Mobile Offshore Drilling Units (MODUs), Liftboats, Floating Production Systems (FPS), Floating Production Storage and Offloading Vessels (FPSO)
- 25–Offshore Supply Vessels (OSV)
- 26–Processing vessels (i.e. fish processors)
- 27–School, scientific, research or training ships
- 28–U.S. public or governmental vessels
- 29–Autonomous or remotely-operated craft

The vessels denoted should use these AIS Ship Type codes vice the one's they are currently when transiting U.S. waters (including the U.S. EEZ). Additionally, the revised *AIS Encoding Guide* provides directions on how a vessel: towing ahead is to convey the dimensions of its tow; is to use their Official Documentation Number in lieu of an assigned IMO number; and, is to report its point of origination and destination via standardized format that uses angle <> brackets and specific location codes (LOCODES)--USE OF U.S. LOCODES NOT EFFECTIVE TILL 1 APRIL 2012. For further information email: cgnav@uscg.mil.