



U.S. Department of Transportation
U.S. Coast Guard
LOCAL NOTICE TO
MARINERS



JANUARY
MONTHLY EDITION NUMBER 01
NOTICE NUMBER 01/01
JANUARY 02, 2001

Boating Safety Classes or Information: ☎1-800-336-BOAT (2628)



INTERNET ADDRESS



<http://www.uscg.mil/d13/>

ISSUED BY: COMMANDER, THIRTEENTH COAST GUARD DISTRICT (oan)
915 Second Avenue, Seattle, Washington 98174-1067
Telephone (206) 220-7270 FAX # (206) 220-7265

BROADCAST NOTICES TO MARINERS (BNMs)

This Local Notice to Mariners (LNM) includes information concerning waterways in the Thirteenth Coast Guard District promulgated by the following broadcasts:
BNM 0933-00 to 0004-01

LIGHT LIST REFERENCE: COMDTINST M16502.6, Light List Volume VI, 2000 Edition

I. SPECIAL NOTICE

WASHINGTON – PUGET SOUND – SOUND SIGNALS -

The Coast Guard has discovered that certain models of fog detectors may not activate the sound signal if a failure of the fog detectors occurs. Below is a list of aids to navigation that have potential bad fog detectors:

LLNR	AID NAME	LLNR	AID NAME	LLNR	AID NAME
16280	Ediz Hook Light	17400	Dofflemeyer Point Light	19790	Turn Point Light
16335	New Dungeness Light	17405	Olympia Shoals Light	19695	Lime Kiln Light
16400	Point Partridge Light	18035	Orchard Point Light	17090	Browns Point Light
16475	Point Wilson Light	18070	Point Glover Light	17125	Thea Foss Waterway Light
16495	Point Hudson Light	18080	Waterman Point Light	17215	Point Defiance Light
16500	Marrowstone Point Light	18085	Point Herron Light 12	16915	Alki Point Light
16550	Point No Point Light	18460	Mukilteo Light	19350	Burrows Island Light
16800	West Point Light	19265	Bellingham Breakwater Light	19540	Iceberg Point Light 2
16980	Three Tree Point Light	17070	Robinson Point Light	19555	Cattle Point Light

Mariners are urged to exercise caution and report any discrepancies to the nearest Coast Guard Unit.

WASHINGTON – OREGON - DIFFERENTIAL GLOBAL POSITIONING SYSTEM (DGPS) – Scheduled Outages –

Mariners are urged to use other means of navigation during the following DGPS off air date/times:

DGPS Site	Frequency	Primary Date	Local Time	Alternate Date	Local Time
Appleton	300 kHz	11 Jan 01	0900 to 1100	None	None
Robinson Point	323 kHz	30 Jan 01	0930 to 1130	31 Jan 01	0930 to 1130

WASHINGTON-POSSESSION SOUND TO SKAGIT BAY-WATERWAYS ANALYSIS-Request for comments-

Comments are requested on or before 01 May 2001 Attn: LTJG Katie Blanchard

The Coast Guard is conducting a Waterway Analysis and Management System (WAMS) study in waters East of Whidbey Island. The study area is bounded to the south by a line between Edwards Point and Scatchet Head and to the north where Swinomish Channel enters Padilla Bay at Anacortes. The following waters are included: Possession Sound, Snohomish Channel, Holmes Harbor, Port Gardner, Port Susan, Saratoga Pass, Penn Cove, Skagit Bay, Deception Pass and Swinomish Channel. WAMS focuses on a waterways aids to navigation system, waterborne commerce, marine casualty information, port/harbor resources, emergency response plans, routine and emergency communication capabilities, and future development projects. The closing date for comments will be May 1, 2001. To provide input, please contact: LTJG Katie Blanchard at (206) 220-7274, email kblanchard@pacnorwest.uscg.mil, or write to the address above.

I. SPECIAL NOTICE (continued)

WASHINGTON – BREMERTON – PORT ORCHARD – PORT MADISON – WATERWAYS ANALYSIS – Request for comments – Comments are requested on or before 28 February 2001 Attn: LTJG Katie Blanchard

The Coast Guard is conducting a Waterways Analysis and Management System (WAMS) study of Bremerton, Port Orchard, and Port Madison. This WAMS focuses on the areas aids to navigation system, waterborne commerce, marine casualty information, port/harbor resources, and future development projects. Any interested party may provide input. To provide input, please contact: LTJG Katie Blanchard at (206) 220-7274, email kblanchard@pacnorwest.uscg.mil, or write to the address on page 1.

WASHINGTON – PUGET SOUND – Marine Events – Puget sound Area –

AREA/LOCATION	DATE	EVENT	SPONSOR	PHONE #
DES MOINES TO DUWAMISH HEAD & RETURN	1/06/01	DUWAMISH HEAD RACE	THREE TREE POINT YC	206-999-5314
SHILSHOLE TO PORT MADISON	1/13/01	SNOWBIRD SERIES #3	SHILSHOLE BAY YC	425-254-4998
LAKE UNION	1/14/01	GOOSE BUMP SERIES #1	NORTHWEST RIGGERS YC	425-427-8449
DES MOINES TO BLAKE ISLAND & RETURN	1/20/01	WINDJAMMER BLAKE ISLAND	THREE TREE POINT YC	206-999-5314
LAKE UNION	1/21/01	GOOSE BUMP SERIES #2	NORTHWEST RIGGERS YC	425-427-8449
TACOMA TO QM HARBOR AND RETURN	1/27/01	QUARTERMASTER SHUFFLE	CORINTHIAN YC OF TACOMA	253-815-1455
LAKE UNION	1/28/01	GOOSE BUMP SERIES #3	NORTHWEST RIGGERS YC	425-427-8449
SHILSHOLE TO PORT MADISON	2/03/01	SNOWBIRD SERIES #4	SHILSHOLE BAY YC	425-254-4998
LAKE UNION	2/04/01	GOOSE BUMP SERIES #4	NORTHWEST RIGGERS YC	425-427-8449
LAKE UNION	2/11/01	GOOSE BUMP SERIES #5	NORTHWEST RIGGERS YC	425-427-8449
BUD INLET TO FOX ISLAND AND RETURN	2/17/01	TOLIVA SHOAL RACE	SOUTH SOUND SAILING SOC	360-491-3382
SINCLAIR INLET TO BLAKE ISLAND & RETURN	2/17/01	BYC HVY WX NAV CONTEST	BREMERTON YACHT CLUB	360-377-6639
LAKE UNION	2/18/01	GOOSE BUMP SERIES #6	NORTHWEST RIGGERS YC	425-427-8449
GIG HARBOR TO BLAKE ISLAND AND RETURN	3/17/01	ISLANDS RACE	GIG HARBOR YACHT CLUB	253-549-4942
SHILSHOLE TO PORT MADISON	3/17/01	SNOWBIRD SERIES #5	SHILSHOLE BAY YC	425-254-4998

OREGON – WASHINGTON – IDAHO – MONTANA – BROADCAST NOTICE TO MARINERS (BNM's) – Available by Phone -

The Thirteenth Coast Guard District has changed the current Broadcast Notice to Mariners (BNM's) by phone system. The system can be accessed by calling 1-800-982-8813. Once in the system, select 3 for operations and then 6 for aids to navigation.

The BNM phone service is divided into the following 7 geographical areas:

1. Olympia Outbound to Neah Bay.
2. Quillayute River, Grays Harbor, Willapa Bay, and Inland.
3. Neah Bay to Cape Disappointment Coast Line and out 100 miles.
4. Cape Disappointment to Tillamook Bay, up the Columbia River to Bonneville Dam.
5. Bonneville dam up the Columbia River through the Snake River.
6. Depoe Bay to Chetco River and Inland.
7. Depoe Bay to Chetco River and out 100 miles.

After each BNM, the word "break" will be used to indicate the end of that BNM. The BNM by phone system will be updated each day usually in the morning. For the most current information, the mariner should continue to monitor radio broadcasts.

WASHINGTON – PUGET SOUND – WASHINGTON STATE FERRY – Temporary Route Change –

Wing wall replacement has commenced and will continue until approximately 15 February 2001, at the Mukilteo terminal. While this work is being conducted the ferry terminal will be closed to all traffic. A temporary route between Edmonds and Clinton has been approved by the U.S. Coast Guard. The Washington State Ferries that will utilize this temporary route are:

"CATHLAMET" "CHELAN" "KITTITAS" "KITSAP"

Scheduled times using two ferries are:

Clinton Departure	Edmonds Arrival	Edmonds Departure	Clinton Arrival	Crossing Time
0855	0945	0955	1045	50 min
0930	1020	1030	1120	50 min
1050	1140	1150	1240	50 min
Noon	1300	1315	1515	60 min
1300	1350	1400	1450	50 min

WASHINGTON – PUGET SOUND NORTHERN PART – Current Meter Survey -

As part of an ongoing current meter survey in northern Puget Sound, six (6) scientific moorings will be relocated on 22 January, 2001. All moorings are located between the south side of Apple Cove and Point Wells. Three (3) others will remain in approximate positions:

Approximate Position	Location	Color	Characteristic	Aspect
47°54.388'N - 122°20.905'W	Vicinity of Point Wells, in separation zone	White/Orange	FI Y 4s	Surface
47°46.720'N - 122°26.531'W	Vicinity of Possession Point, approx. center of channel	White/Orange	FI Y 4s	Surface
47°55.854'N - 122°30.532'W	Vicinity of Point no Point, in separation zone	-----	-----	Bottom

Six (6) moorings will be relocated to the following approximate positions:

Approximate Position	Aspect	Approximate Position	Aspect	Approximate Position	Aspect
47°46.720'N - 122°28.420'W	Bottom	47°46.720'N - 122°27.500'W	Bottom	47°46.720'N - 122°25.940'W	Bottom
47°46.720'N - 122°25.260'W	Bottom	47°46.720'N - 122°25.680'W	Bottom	47°46.720'N - 122°24.280'W	Bottom

Mariners are advised to be aware of these moorings to avoid damage to them or to their own equipment/property. Chart 18441

I. SPECIAL NOTICE (Continued)

COLUMBIA RIVER – RIVER MILE 129 – Report of Shoaling –

Shoaling has been reported on the Oregon side of the Columbia River between Point Vancouver Buoy 65 (LLNR 11595) and Sand Island Light 66 (LLNR 11600). Mariners are urged to transit the area with caution. *Chart 18531*

OREGON – CATHLAMET CHANNEL – Report of Shoaling –

Shoaling has been reported between Cathlamet Channel Buoys 6 and 7, in approximate position 46°10'21"N 123°20'27"W. Mariners are urged to transit the area with caution. *Chart 18523*

SNAKE RIVER – LITTLE GOOSE DAM TO LOWER GRANITE DAM – SCHULTZ BAR – Shoaling Increase –

Shoaling has increased in the vicinity of Schultz Bar Shoal Buoy "29A". Depths may be up to 13 feet less than charted depth. Mariners are urged to transit the area with caution. *Chart 18547*

COLUMBIA RIVER – SNAKE RIVER – COAST GUARD GROUP PORTLAND RADIO TOWER NEAR KENNEWICK, WA – Reduced Reliability –

Coast Guard Group Portland advises mariners on the upper Columbia and lower Snake Rivers that the radio tower at the Jump-Off-Joe site near Kennewick, WA is operating at reduced reliability due to sporadic heavy interference. The Coast Guard may not receive all radio calls made by mariners on VHF-FM Channel 16.

II. DISCEPANCIES - DISCREPANCIES CORRECTED

THE FOLLOWING AIDS TO NAVIGATION ARE NOT WATCHING AS ADVERTISED IN THE LIGHT LIST VOLUME VI, THIRTEENTH DISTRICT SECTION:

Highlighted text denotes new discrepancy since last LNM.

NOTE: Mariners are cautioned that portions of missing structures may remain.

FEDERAL AIDS

LLNR	Aid Name	Status	Chart	BNM	LNM
635	Heceta Head Light	Main Light Extinguished Emergency Light Operational	18580	0452-00	23/00
733	NOAA Lighted Buoy "46041"	Missing	18500	0907-00	51/00
9785	Depoe Bay Entrance Lighted Bell Buoy "2"	Off Station	18561	0810-00	44/00
10155	Tongue Point Channel Lighted Buoy "43"	Missing	18521	0935-00	01/01
14257	Spokane River Arm Rock Danger DBN	Missing	18551	0758-00	42/00
15735	Grays Hbr N Chnl Range "D" Front Light	Destroyed	18502	1071-99	50/99
16165	Neah Bay Inner Daybeacon "4"	Missing	18484	0329-00	15/00
16345	Puget Sound Traffic Lane Entrance LB "S"	RACON Inoperable	18465	0862-00	49/00
16845	Smith Cove Buoy "3"	Missing	18450	0930-00	52/00

PRIVATE AIDS

LLNR	Aid Name	Status	Chart	BNM	LNM
8970	North Bend Outfall Light	Extinguished	18587	0709-00	40/00
10440	Wauna Mill Water Intake Light	Missing	18523	0917-00	52/00
11243	Hayden Island Anchorage Light A	Extinguished	18525	0941-00	01/01
11244	Hayden Island Anchorage Light B	Extinguished	18525	0942-00	01/01
12710	Pump Station Intake Light	Extinguished	18539	0846-00	48/00
13100	Richland Water Intake Lights (2)	Extinguished	18474	0847-00	48/00
14566	Skipanon Waterway Deep Sea Pier Light	Missing	18521	0919-00	52/00
14890	Oregon Steel Dock Light	Extinguished	18474	0687-00	39/00
14935	Chevron Petroleum Dock Light "A"	Extinguished	18526	0918-00	52/00
14940	Chevron Petroleum Dock Light "B"	Extinguished	18526	0920-00	52/00
16680	Point Wells Range Front Light	Extinguished	18441	0863-00	49/00
16945	Blake Island Daybeacon "5"	Missing	18448	0726-00	40/00
17080	Saltwater State Park Buoy	Missing	18448	0779-00	43/00
17305	Kopachuck State Park Buoy	Missing	18464	0732-00	41/00
17551	Port Townsend Lighted Buoy	Improper Characteristic	18477	0736-00	41/00
17731	Mariculture Lighted Buoys (2)	Missing	18458	0676-00	38/00
17825	Trident Submarine Range Front DBN	Destroyed	18446	0725-00	40/00
17975	Liberty Bay Marina Lights (2)	Missing	18447	0677-00	38/00
18385	South Leschi Breakwater Lights	4 Lights Extinguished	18444	0701-00	40/00
19360	Skyline Marina Light "1"	Improper Characteristic	18427	0733-00	41/00
19377	Hunter Bay Aquaculture Lighted Buoys	Off Station	18427	0841-00	48/00
19665	Blind Bay Rock Daybeacon	Faded & Unreadable Dayboards	18434	0735-00	41/00
19745	Pearl Island Pier Lights (2)	Missing	18433	0678-00	38/00

THE FOLLOWING AIDS TO NAVIGATION DISCREPANCIES HAVE BEEN CORRECTED SINCE THE LAST LOCAL NOTICE TO MARINERS:

FEDERAL AIDS

LLNR	Aid Name	Status	Chart	BNM	LNM
15000	Elk Rock Buoy "6"	Watching Properly	18528	0936-00	52/00

II. DISCEPANCIES - DISCREPANCIES CORRECTED (Continued)**PRIVATE AIDS**

02 January 2001
Thirteenth Coast Guard District

LLNR	Aid Name	Status	Chart	BNM	LNLM
NONE					

III. TEMPORARY CHANGES - TEMPORARY CHANGES CORRECTED

THE FOLLOWING AIDS TO NAVIGATION HAVE BEEN TEMPORARILY CHANGED:

LLNR	Aid Name	Status	Chart	BNM	LNLM
15620	Grays Harbor S Reach Lighted Bell Buoy "14"	Reduced Nominal Range	18502	0909-00	01/01
16165	Neah Bay Inner Daybeacon "4"	Temporary Unlighted Buoy	18484	0336-00	15/00
16845	Smith Cove Buoy "3"	Temporary Unlighted Buoy	18441	0930-00	52/00

THE FOLLOWING TEMPORARY/TEMPORARILY CHANGED AIDS TO NAVIGATION HAVE EITHER BEEN RESTORED TO NORMAL OPERATION OR DISCONTINUED:

LLNR	Aid Name	Status	Chart	BNM	LNLM
NONE					

IV. CHART CORRECTIONS

Corrective action affecting charts is contained in this section. Chart corrections are listed numerically by chart number. The correction listed pertains to that chart only. It is up to the mariner to decide what charts are to be corrected. The following example explains the individual elements of a typical correction.

Chart Number	Chart Edition	Edition Date	Last Local Notice To Mariners	Horizontal Datum	Source of Correction	Current Local Notice to Mariners
i	i	i	i	m	l m	m
18427	20 th Ed.	3/18/2000	Last LNM 25/99	NAD 83	(NOS SILVER SPRING) or (CGD13)	40/99
WA – ANACORTES TO SKAGIT BAY -						
h	Add	Ben Ure Island light "2", FI R 4s, 25ft 4M			at	47°24'12.05"N 124°37'42.0"W
h	j	j	k			j k
Chart Title	Corrective Action	Object of Corrective Action				Position

The letter (M) immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. (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.

18502	83 rd Ed.	11/30/1996	Last LNM 48/00	NAD 83	(CGD13)	01/01
OR-WA-Columbia River-Pacific Ocean to Harrington Point-Illwaco Harbor						
Change		Grays Harbor South Reach Lighted Bell Buoy "14", R QR to			at	46°55'15.7"N 124°06'19.8"W
Relocate		Grays Harbor South Reach Lighted Bell Buoy "14", R QR, 3M			to	46°51'36.0"N 124°14'33.8"W
		Army Corps of Engineers Wave Recorder Buoy				
		from 46°51'26.0"N 124°14'36.5"W				
18520	24 th Ed.	04/18/1998	Last LNM 33/00	NAD 83	(CGD13)	01/01
OR-WA-Yaquina Head to Columbia River						
Relocate		NOAA Lighted Buoy "46029"			to	46°06'58.6"N 124°30'25.3"W
		from 46°07'00"N 124°30'36"W				
18537	11 th Ed.	07/31/1999	Last LNM 49/99	NAD 83	(CGD13)	01/01
OR-WA-Columbia River-Alerdale to Blalock Islands						
Relocate		Lake Umatilla Light "39", FI G 2.5s, 5 ft, 4M			to	45°51'06.2"N 119°43'07.2"W
		from 45°51'06.1"N 119°43'06.1"W				
Change		Lake Umatilla Light "39", FI G 2.5s, 5 ft, 4M to			at	45°51'06.2"N 119°43'07.2"W
		Lake Umatilla Light "39", FI G 2.5s, 15 ft, 4M				

V. ADVANCE NOTICE OF CHANGES IN AIDS TO NAVIGATION

NONE

VI. PROPOSED CHANGES IN AIDS TO NAVIGATION

NONE

VII. GENERAL

DREDGING IN PROGRESS OR PLANNED WITHIN THE 13th COAST GUARD DISTRICT.

MARINERS ARE ADVISED TO NAVIGATE WITH CAUTION AND REDUCE THEIR WAKE WHEN TRANSITING THESE AREAS:

Location	Area	Start	Complete	Chart
Puget Sound	Eagle Harbor		Mid February 2001	18449

VII. GENERAL (Continued)

WASHINGTON – GRAYS HARBOR – Temporary Nominal Range Change -

The nominal range of Grays Harbor South Reach Lighted Bell Buoy "14" has been temporarily reduced from 4 nautical miles to 3 nautical miles for prototype testing of a new lantern. This test will be conducted for the next two (2) years. Chart 18502

02 January 2001

Page 4 of 6

Thirteenth Coast Guard District

Notice No. 01
Monthly Edition

WASHINGTON – PUGET SOUND – EAGLE HARBOR - Bottom Work –

Bottom work has commenced in Eagle Harbor in the vicinity of the old Wycoff site in approximate position 47°37'04"N 122°30'29"W. These operations will be Monday through Friday from 0630 to 2030 local until mid February 2001. There will be one spudded platform barge, two tugboats, and one bulk material barge on scene during the operations. The tugs will monitor VHF-FM Channels 13, 14 and 16. Mariners are requested to transit the area with caution. *Chart 18449*

FISHERIES/BIOLOGICAL SAMPLING, PIER CONSTRUCTION, HYDROGRAPHIC SURVEYS, ETC., CURRENTLY IN PROGRESS.

ALL MARINERS ARE ADVISED TO NAVIGATE WITH CAUTION WHEN TRANSITING THESE AREAS:

Location	Area	Start	Complete	Type of Work
Lk WA Ship Canal	Ballard Bridge	02/01/2001	04/01/2001	Rehabilitation Work
Steamboat Slough	SR 529 Bridges	Mid December 2000	Spring 2001	Rehabilitation Work

WASHINGTON – PUGET SOUND – LAKE WASHINGTON SHIP CANAL – BRIDGE INFORMATION –

The draw of the Ballard Bridge need not open both leaves for the passage of vessels unless five hours notice is provided at all times from 01 February to 01 April 2001, during extensive electrical-mechanical rehabilitation. Single-leaf operations will be provided during this period per the established operating regulations. The vertical clearance in the closed position will be reduced by approximately one foot by the installation of a work platform beneath the drawspan. *Chart 18447*

WASHINGTON – PUGET SOUND – PORT GARDNER – STEAMBOAT SLOUGH – STATE ROUTE 529 DUAL SWING BRIDGES - Bridge Information -

Work platforms will be installed below the structures for rehabilitation work around the middle of December 2000. The platforms can be moved on 4-hour notice for the passage of vessels. Temporary closures of the drawspans will commence in Spring 2001 following further announcement in this publication. *Charts 18443, and 18444*

WASHINGTON – LAKE WASHINGTON SHIP CANAL – BURLINGTON NORTHERN/ SANTA FE RAILROAD BRIDGE AT THE CANAL LOCKS - Bridge Information –

The vertical clearance of the draw span when closed may be lower than the charted clearance by as much as two feet. Mariners should exercise caution and refer to the clearance gauges recently installed at the draw. The charted clearance will be corrected and announced in this publication after an accurate measurement is made from mean high water. *Chart 18447*

SNAKE RIVER – LAKE BRYAN – LITTLE GOOSE RESERVOIR – Bridge Information –

The Central Ferry Bridge at river mile 83.2 has both the up-bound and down-bound navigational lights reported extinguished.

WASHINGTON – LAKE WASHINGTON SHIP CANAL – HIRAM M. CHITTENDEN LOCKS – Vessel Length Restriction in the Large Lock –

The Army Corps of Engineers advise that the large navigation lock will be reduced to the west chamber being operational. This will restrict vessels size to 327 feet or shorter. This restriction will be in effect through 31 March 2001. The small navigation lock will be operational during the restriction period. *Chart 18477*

WASHINGTON – PUGET SOUND – SINCLAIR INLET – BREMERTON – PUGET SOUND NAVAL SHIPYARD – Dive Operations –

US Navy divers will be conducting underwater inspections on Navy moorings in the vicinity of Puget Sound Naval Shipyard from 08 through 12 January 2001. These dive operations will be conducted during day time hours. Mariners are urged to transit the area with caution. *Chart 18452*

WASHINGTON – PUGET SOUND – Geoduck Harvesting –

Geoduck harvesting is scheduled at the following:

Area	Location	Start Date	Times	Days	Termination Date
Jefferson County	South Side of Indian Island in Oak Bay	01 Jan, 2001	0900 to 1600 local	Mon – Fri*	31 Mar, 2001
Jefferson County	North & West Side of Protection Island	01 Apr, 2001	0830 to 1630 local	Mon – Fri*	31 May, 2001
Clallam County	East Side of Dungeness Spit	01 Apr, 2001	0830 to 1630 local	Mon – Fri*	31 May, 2001
Jefferson County	Area Between Sisters/Shine & Hood Head East	01 Jun, 2001	0830 to 1630 local	Mon – Fri*	31 Aug, 2001

**Excluding State Holidays.*

The Department of Natural Resources Patrol boat will be on site daily monitoring VHF channel 8. Harvest vessels will be flying code ALPHA and the red & white sport dive flag. Vessels transiting these areas are requested to stay 300 feet clear for the diver's safety.

COLUMBIA AND SNAKE RIVERS – Annual Maintenance Lock Closures -

The following navigation locks will be closed for annual maintenance from 0600 local 03 March, 2001 to 2359 local 17 March, 2001.

Navigation Lock	River Location	Chart
McNary Lock & Dam	Columbia River, mile 292	18539
Ice Harbor Lock & Dam	Snake River, mile 9.7	18545
Lower Monumental Lock & Dam	Snake River, mile 41.6	18545
Little Goose Lock & Dam	Snake River, mile 70.3	18546
Lower Granite Lock & Dam	Snake River, mile 107.3	18548

VII. GENERAL (Continued)

OREGON – COLUMBIA RIVER – ASTORIA – Potential Navigation Hazard -

The Astoria Mooring Basin east breakwater at the west mooring basin has breached. An orange buoy has been placed approximately ten feet north of the breakwater, however, due to river current the buoy is frequently missing. Construction on the west waterway is scheduled to be completed by 02 May 2001. Construction on the east breakwater is tentatively scheduled to commence on or about November 2001. Mariners are advised to stay clear of these breakwaters. *Chart 18521*

WASHINGTON – PUGET SOUND – COMMENCEMENT BAY – Tacoma –

An inter-tidal basin has been excavated in approximate position 47°18.38'N 122°30.53'W. This is part of a construction activity recently completed at the Asarco Tacoma Smelter Facility of the Commencement Bay Nearshore/ Tidelands Superfund Site Operable Unit 02 (commonly known as the "slag pile"). The dimensions of the basin are approximately 600 feet long (parallel to the shoreline) by 200 feet wide (perpendicular to the shoreline). A rock breakwater with a crest elevation of +10 feet MLLW is located at the seaward edge of the basin. Mariners are urged to use caution when transiting this area as the breakwater is not visible at all tidal conditions. *Chart 18448*

CALIFORNIA – OREGON – WASHINGTON – LORAN-C STATION FALLON (RATE 9940-M) – Proposed Unusable Time –

The Coast Guard proposes to authorize LORAN-C Station Fallon (Rate 9940-M) unusable time from 0900 to 1100 local on 24 January 2001. The alternate time will be from 0900 to 1100 local on 25 January 2001. Objections to this unusable time period will be considered until 1100 local 17 January 2001. Users shall address inquiries to the Chain Operations Control Officer, U.S. West Coast Chain at (707) 765-7518/7598.

WASHINGTON – WILLAPA BAY - Oceanographic Instruments Deployed –

Three oceanographic instruments have been deployed and will remain until 15 January 2001. These instruments are approximately four feet tall and will rest on the bottom, on the edge of the channel. These instruments will be marked with a float on the surface, in the following positions: 46°38.7'N 123°59.7'W, 46°38.4'N 123°58.8'W, 46°38.8'N 123°57.5'W. Mariners are urged to keep a look out for these markers. *Chart 18504*

CANADA – SOUTHWEST SIDE OF VANCOUVER ISLAND – MILITARY OPERATIONS – West Coast Firing Area (WCFA) –

A new military operating area has been established bounded by the following positions: 49°10'N 126°35'W, to 49°00'N 126°40'W, to 49°00'N 127°00'W, to 49°12'N 127°30'W, to 49°30'N 127°30'W, to origin. This new operating area will allow military units to conduct their exercises while allowing coastal shipping traffic to remain clear. *Chart 18007*

VIII. CORRECTIONS TO THE LIGHT LIST, VOLUME VI; PACIFIC COAST AND PACIFIC ISLANDS 2000:

An asterisk *, indicates the column in which a correction has been made or new information added, highlighted text indicates what was changed.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
YAQUINA HEAD TO COLUMBIA RIVER							
688	<i>NOAA Lighted Buoy 46029</i>	46 06 59 N 124 30 25 W *	FI (4) Y 20s			Yellow disk-shaped buoy.	01/01
COLUMBIA RIVER TO DESTRUCTION ISLAND							
718	<i>Army Corps of Engineers Wave Recorder Buoy</i>	46 51 36 N 124 14 34 W *	Q (5) Y 20 s			Yellow disk-shaped buoy.	01/01
Lake Umtilla							
12580	- Light 39	45 51 06 N 119 43 07 W *	FI G 2.5s	15	4	SG on dolphin.	Ra ref. 01/01

IX. ADDITIONAL ENCLOSURES:

NONE

If you have any questions, comments, or need additional information concerning this or other LNM's or the LNM Mailing List (e.g. additions, deletions, corrections) contact the address or phone number on the front page.

G. F. GREENE
Captain, U.S. Coast Guard
Chief, Aids to Navigation & Waterways Management Branch
Thirteenth Coast Guard District
By direction of the District Commander