

06-Jan-09

**REPORT OF NAVIGATION CHANNELS**

ER 1130-2-306

**COLUMBIA RIVER - OREGON & WASHINGTON**

PILLAR ROCK LOWER RANGE mile 25.2 THROUGH WESTPORT BAR

Minimum depths in each 1/4 width of channel entering from seaward

Mid-Channel

Authorized Project	NAME OF CHART Name of Channel (Mileage)	Date of Survey	Feet Width	Miles Length	Project Depth	Left Outside Quarter Feet	Left Inside Quarter Feet	Right Inside Quarter Feet	Right Outside Quarter Feet
	<b>PILLAR ROCK RANGES</b>	<b>10-Dec-08</b>							
	Pillar Rock Lower Range (25.2 - 27.5)		600	2.3	40	40	42	41	40
	Pillar Rock Upper Range (27.5 - 28.8)		600	1.3	40	37	43	43	42
	<b>BROOKFIELD-WELCH ISLAND</b>	<b>15-Dec-08</b>							
	Pillar Rock Upper Range (28.8 - 29.4)		600	0.6	40	38	44	45	43
	Welch Island Reach (29.4 - 32.6)		600	3.2	40	46	45	43	39
	<b>SKAMOKAWA BAR</b>	<b>18-Dec-08</b>							
	Skamokawa Channel (32.6 - 35.9)		600	3.3	40	44	46	46	46
	Steamboat Reach (35.9 - 36.6)		600	0.7	40	53	49	46	44
	<b>PUGET ISLAND BAR</b>	<b>13-Nov-08</b>							
	Steamboat Reach (36.6 - 37.3)		600	0.7	40	51	52	51	50
	Puget Island Range & Turn (37.3 - 40.8)		600	3.5	40	38	41	41	38
	<b>WAUNA &amp; DRISCOLL RANGES</b>	<b>12-Nov-08</b>							
	Wauna Range (40.8 - 42.8)		600	2.0	40	41	41	39	37
	Driscoll Range (42.8 - 44.5)		600	1.7	40	40	44	42	44
	<b>WESTPORT BAR</b>	<b>04-Nov-08</b>							
	Westport Turn & Range (44.5 - 46.5)		600	2.0	40	41	41	44	43
	Westport Channel (46.5 - 48.2)		600	1.7	40	39	41	41	39

ENG Form 4020-R (Nov 1990)  
 Note: All Depths at Columbia River Datum.  
 Reference is Navigation Chart No. 18523.

COLUMBIA RIVER CHANNEL DEPTHS								
PILLAR ROCK LOWER RANGE TO GULL ISLAND TURN AND CHANNEL								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF						06-Jan-09		
CONTROLLING DEPTHS IN FEET AT COLUMBIA RIVER DATUM (CRD) * SEE FOOTNOTE						PROJECT DIMENSIONS		
NAME OF CHANNEL	Left Outside Quarter	Left Inside Quarter	Right Inside Quarter	Right Outside Quarter	Date of Survey	Width (Feet)	Length STAT (Miles)	Depth (Feet)
Miller Sands Range	43	47	43	40	10-Dec-08	600	2.2	40
Pillar Rock Lower Range	40	42	41	40	10-Dec-08	600	3	40
Pillar Rock Upper Range	37	43	43	42	15-Dec-08	600	1.9	40
Welch Island Reach	46	45	43	39	15-Dec-08	600	3.2	40
Skamokawa Channel	44	46	46	46	18-Dec-08	600	3.3	40
Steamboat Reach	51	49	46	44	18-Dec-08	600	1.4	40
Puget Island Range & Turn	38	41	41	38	13-Nov-08	600	3.5	40
Wauna Range	41	41	39	37	12-Nov-08	600	2	40
Driscoll Range	40	44	42	44	12-Nov-08	600	1.7	40
Westport Turn & Range	41	41	44	43	04-Nov-08	600	2	40
Westport Channel	38	40	40	39	17-Dec-08	600	2.4	40
Eureka Lower Channel	47	47	46	48	17-Dec-08	600	2.1	40
Eureka Upper Channel	44	43	40	41	17-Dec-08	600	0.8	40
Oak Point Channel	43	43	41	40	16-Dec-08	600	3	40
Gull Island Turn and Channel	46	46	42	40	16-Dec-08	600	2.2	40

\* For Controlling Depth Information, consult the Local Notice to Mariners and/or the following Portland District US Army Corps of Engineers website: <https://www.nwp.usace.army.mil/op/n/chpubs.htm#pubs-status-reports>  
(Please note: Netscape Navigator users - use version 7.0 or later.)

Reduce size to **78%** of current size to print out to a size that matches tab boxes currently on NOAA charts.