

REPORT OF NAVIGATION CHANNELS

ER 1130-2-306

COLUMBIA RIVER - OREGON & WASHINGTON

ST HELENS RANGE THROUGH WILLOW LOWER RANGE

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
ST. HELENS BAR	09-Dec-08							
St. Helens Range (83.8 - 85.8)		600	2.0	40	43	43	43	39
St. Helens Turn (85.8 - 87.2)		600	1.4	40	45	45	42	39
WARRIOR ROCK BAR	08-Dec-08							
St. Helens Turn (87.2 - 87.5)		600	0.3	40	49	50	45	45
Warrior Rock Range (87.5 - 88.8)		600	1.3	40	39	41	41	41
Duck Club Turn (88.8 - 90.2)		600	1.4	40	44	46	46	42
HENRICI BAR	04-Dec-08							
Henrici Range (90.2 - 92.8)		600	2.6	40	43	44	44	43
Fales Channel (92.8 - 93.9)		600	1.1	40	45	44	44	43
WILLOW BAR	02-Dec-08							
Knapp Point Channel (93.9 - 95.7)		600	1.8	40	43	44	43	42
Willow Lower Range (95.7 - 97.8)		600	2.1	40	41	43	42	41

ENG Form 4020-R (Nov 1990)

Reference is Navigation Chart No. 18524.

Note: All Depths at Columbia River Datum.

COLUMBIA RIVER CHANNEL DEPTHS SAINT HELENS TURN TO TOMAHAWK BAR 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)
St. Helens Turn	45	45	42	39	09-Dec-08	600	1.7	40
Warrior Rock Range	39	41	41	41	08-Dec-08	600	1.3	40
Duck Club Turn	44	46	46	42	08-Dec-08	600	1.4	40
Henrici Range	43	44	44	43	04-Dec-08	600	2.6	40
Fales Channel	45	44	44	43	04-Dec-08	600	1.1	40
Knapp Point Channel	43	44	43	42	02-Dec-08	600	1.8	40
Willow Lower Range	41	43	42	41	02-Dec-08	600	2.1	40
Willow Upper Range	41	43	44	45	02-Dec-08	600	1.1	40
Morgan Bar	43	48	50	50	02-Dec-08	600	1.0	40
Morgan Channel	45	46	44	41	02-Dec-08	600	1.5	40
Vancouver Lower Channel	48	48	52	49	20-Nov-08	500	1.0	40
Vancouver Range	46	46	43	42	20-Nov-08	500	1.3	40
Vancouver Upper Channel	41	46	41	39	20-Nov-08	500	0.9	40
Vancouver Lower Turning Basin	34	39	46	47	19-Nov-08	800	1.0	40
Vancouver Upper Turning Basin	32	26	26	26	19-Nov-08	800	0.9	35
Tomahawk Bar	Mid Channel for Half Project Width				24-Apr-08	300	3.7	27
		L Outside	Mid Channel	R Outside				
		18	18	19				

*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 **82%** of current size to print out to a size that matches tab boxes currently on NOAA charts.