

24-Sep-21

REPORT OF NAVIGATION CHANNELS

EP 1130-2-520

COLUMBIA RIVER - OREGON & WASHINGTON
MORGAN CHANNEL THROUGH VANCOUVER U. TURNING BASIN

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

Authorized Project NAME OF CHART Name of Channel (Mileage)	Date of Survey	Feet Width	Miles Length	Project Depth	Mid-Channel			
					Left Outside Quarter Feet	Left Inside Quarter Feet	Right Inside Quarter Feet	Right Outside Quarter Feet
MORGAN BAR	2-Aug-21							
Willow Upper Range (97.8 - 98.9)		600	1.1	43	40	44	46	46
Morgan Bar (98.9 - 99.9)		600	1.0	43	44	45	50	49
Morgan Channel (99.9 - 101.4)		600	1.5	43	47	48	48	45
LOWER VANCOUVER BAR	20-Sep-21							
Vancouver Lower Channel (101.4 - 102.4)		500	1.0	43	46	49	49	42
Vancouver Range (102.4 - 103.7)		500	1.3	43	45	45	45	42
Vancouver Upper Channel (103.7 - 104.6)		500	0.9	43	46	45	45	43
VANCOUVER TURNING BASIN	23-Aug-21							
Vancouver Lower Turn Basin (104.6 - 105.6)		800	1.0	43	45	39	40	39
Vancouver Upper Turn Basin (105.6 - 106.5)		800	0.9	35	34	24	24	19

ENG Form 4020-R (Nov 1990)
Reference is Navigation Chart No. 18524.
Note: All Depths at Columbia River Datum.

The information shown on this channel statement represents the results of the surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time.

COLUMBIA RIVER CHANNEL DEPTHS MORGAN CHANNEL TO TOMAHAWK BAR TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT COLUMBIA RIVER DATUM (CRD)*					24-Sep-21 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)
Morgan Channel	47	48	48	45	2-Aug-21	600	1.5	43
Vancouver Lower Channel	46	49	49	42	20-Sep-21	500	1.0	43
Vancouver Range	45	45	45	42	20-Sep-21	500	1.3	43
Vancouver Upper Channel	46	45	45	43	20-Sep-21	500	0.9	43
Vancouver Lower Turning Basin	45	39	40	39	23-Aug-21	800	1.0	43
Vancouver Upper Turning Basin	34	24	24	19	23-Aug-21	800	0.9	35
Tomahawk Bar	Mid Channel for Half Project Width				24-Aug-21	300	3.7	27
		L Outside	Mid Channel	R Outside				
		17	18	18				

* For Controlling Depth Information, consult the Local Notice to Mariners and/or the following Portland District US Army Corps of Engineers website: <http://www.nwp.usace.army.mil/Missions/Navigation.aspx>
Channel status reports

Reduce size to **73%** of current size to print out to a size that matches tab boxes currently on NOAA charts.