

## REPORT OF NAVIGATION CHANNELS

ER 1130-2-306

**COLUMBIA RIVER - OREGON & WASHINGTON**

MORGAN CHANNEL THROUGH VANCOUVER U. TURNING BASIN

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

Mid-Channel

<b>Authorized Project</b> 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>MORGAN BAR</b>	<b>29-Oct-08</b>							
Willow Upper Range (97.8 - 98.9)		600	1.1	40	40	43	43	44
Morgan Bar (98.9 - 99.9)		600	1.0	40	42	48	49	49
Morgan Channel (99.9 - 101.4)		600	1.5	40	44	45	45	41
<b>LOWER VANCOUVER BAR</b>	<b>29-Oct-08</b>							
Vancouver Lower Channel (101.4 - 102.4)		500	1.0	40	47	48	53	49
Vancouver Range (102.4 - 103.7)		500	1.3	40	46	46	43	42
Vancouver Upper Channel (103.7 - 104.6)		500	0.9	40	42	46	41	39
<b>VANCOUVER TURNING BASIN</b>	<b>28-Oct-08</b>							
Vancouver Lower Turn Basin (104.6 - 105.6)		800	1.0	40	33	39	46	46
Vancouver Upper Turn Basin (105.6 - 106.5)		800	0.9	35	31	26	26	29

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

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)					03-Dec-08 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	44	45	45	41	29-Oct-08	600	1.5	40
Vancouver Lower Channel	47	48	53	49	29-Oct-08	500	1.0	40
Vancouver Range	46	46	43	42	29-Oct-08	500	1.3	40
Vancouver Upper Channel	42	46	41	39	29-Oct-08	500	0.9	40
Vancouver Lower Turning Basin	33	39	46	46	28-Oct-08	800	1.0	40
Vancouver Upper Turning Basin	31	26	26	29	28-Oct-08	800	0.9	35
	Mid Channel for Half Project Width							
		L Outside	Mid Channel	R Outside				
Tomahawk Bar		18	18	19	24-Apr-08	300	3.7	27

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