

## REPORT OF NAVIGATION CHANNELS

EP 1130-2-520

**COLUMBIA RIVER - OREGON & WASHINGTON**  
 EUREKA BAR THROUGH SLAUGHTERS CHANNEL

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

## Mid-Channel

Authorized Project	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
NAME OF CHART Name of Channel (Mileage)								
<b>EUREKA BAR</b>	<b>17-Aug-16</b>							
Westport Channel (48.2 - 48.9)		600	0.7	43	43	46	47	45
Eureka Lower Channel (48.9 - 51.0)		600	2.1	43	44	47	46	44
Eureka Upper Channel (51.0 - 51.8)		600	0.8	43	42	45	46	41
<b>GULL ISLAND BAR</b>	<b>13-Sep-16</b>							
Oak Point Channel (51.8 - 54.2)		600	3.0	43	43	45	42	41
Gull Island Turn & Channel (54.2 - 55.6)		600	1.4	43	45	46	44	41
<b>STELLA-FISHER BAR</b>	<b>23-Aug-16</b>							
Gull Island Channel (55.6 - 56.4)		600	0.8	43	47	48	47	41
Stella Range (56.4 - 59.4)		600	3.0	43	42	43	44	39
<b>WALKER ISLAND REACH</b>	<b>1-Sep-16</b>							
Fisher Island Channel (59.4 - 60.2)		600	0.8	43	44	47	47	44
Walker Island Channel (60.2 - 61.6)		600	1.4	43	44	44	46	43
Barlow Point Channel (61.6 - 63.2)		600	1.6	43	47	48	45	42
<b>SLAUGHTERS BAR</b>	<b>12-Sep-16</b>							
Slaughters Channel (63.2 - 65.4)		600	2.2	43	42	43	45	43
Slaughters Turn & Turn Basin (65.4 - 67.1)		600	1.7	43	43	42	43	40

ENG Form 4020-R (Nov 1990)  
 Reference is Navigation Chart No. 18523/18524.  
 Note: All Depths at Columbia River Datum.

COLUMBIA RIVER CHANNEL DEPTHS								
GULL ISLAND TURN AND CHANNEL TO ST HELENS TURN								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF						20-Sep-16		
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)
Gull Island Turn and Channel	45	46	44	41	13-Sep-16	600	2.2	43
Stella Range	42	43	44	39	23-Aug-16	600	3.0	43
Fisher Island Channel	44	47	47	44	1-Sep-16	600	0.8	43
Walker Island Channel	44	44	46	43	1-Sep-16	600	1.4	43
Barlow Pt Channel	47	48	45	42	1-Sep-16	600	1.6	43
Slaughters Channel	42	43	45	43	12-Sep-16	600	2.2	43
Slaughters Turn and Channel	43	42	43	40	12-Sep-16	600	1.7	43
Cottonwood Island Lower Rge	42	45	43	40	14-Sep-16	600	1.7	43
Cottonwood Island Turn	45	45	44	40	14-Sep-16	600	2.7	43
Cottonwood Island Upper Rge	43	44	44	43	1-Sep-16	600	1.6	43
Kalama Lower Range	44	44	43	34	1-Sep-16	600	1.8	43
Kalama Upper Range	40	44	44	41	14-Sep-16	600	2.2	43
Bybee Ledge Channel	44	45	45	41	14-Sep-16	600	2.1	43
Martin Island Channel	44	44	44	41	19-Sep-16	600	2	43
Martin Island Range	42	45	45	43	19-Sep-16	600	1.4	43
Columbia City Channel	43	44	45	41	19-Sep-16	600	1.2	43
St. Helens Range	44	46	44	42	19-Sep-16	600	2.0	43
St. Helens Turn	44	46	46	43	19-Sep-16	600	1.7	43

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