

REPORT OF NAVIGATION CHANNELS

ER 1130-2-306

**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	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>17-Dec-08</b>							
	<b>EUREKA BAR</b> Westport Channel (48.2 - 48.9)		600	0.7	40	38	40	40	39
	Eureka Lower Channel (48.9 - 51.0)		600	2.1	40	47	47	46	48
	Eureka Upper Channel (51.0 - 51.8)		600	0.8	40	44	43	40	41
		<b>16-Dec-08</b>							
	<b>GULL ISLAND BAR</b> Oak Point Channel (51.8 - 54.2)		600	3.0	40	43	43	41	40
	Gull Island Turn & Channel (54.2 - 55.6)		600	1.4	40	53	47	42	45
		<b>15-Dec-08</b>							
	<b>STELLA-FISHER BAR</b> Gull Island Channel (55.6 - 56.4)		600	0.8	40	46	46	45	40
	Stella Range (56.4 - 59.4)		600	3.0	40	37	40	39	38
		<b>11-Dec-08</b>							
	<b>WALKER ISLAND REACH</b> Fisher Island Channel (59.4 - 60.2)		600	0.8	40	41	44	44	41
	Walker Island Channel (60.2 - 61.6)		600	1.4	40	41	44	42	41
	Barlow Point Channel (61.6 - 63.2)		600	1.6	40	44	45	44	40
		<b>10-Dec-08</b>							
	<b>SLAUGHTERS BAR</b> Slaughters Channel (63.2 - 65.4)		600	2.2	40	40	40	39	39
	Slaughters Turn & Turn Basin (65.4 - 67.1)		600	1.7	40	38	39	38	38

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						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)
Gull Island Turn and Channel	46	46	42	40	16-Dec-08	600	2.2	40
Stella Range	37	40	39	38	15-Dec-08	600	3.0	40
Fisher Island Channel	41	44	44	41	11-Dec-08	600	0.8	40
Walker Island Channel	41	44	42	41	11-Dec-08	600	1.4	40
Barlow Pt Channel	44	45	44	40	11-Dec-08	600	1.6	40
Slaughters Channel	40	40	39	39	10-Dec-08	600	2.2	40
Slaughters Turn and Channel	38	39	38	38	10-Dec-08	600	1.7	40
Cottonwood Island Lower Rge	46	48	45	43	09-Dec-08	600	1.7	40
Cottonwood Island Turn	47	47	45	45	09-Dec-08	600	2.7	40
Cottonwood Island Upper Rge	44	46	46	47	09-Dec-08	600	1.6	40
Kalama Lower Range	44	46	46	35	09-Dec-08	600	1.8	40
Kalama Upper Range	43	43	44	43	09-Dec-08	600	2.2	40
Bybee Ledge Channel	43	44	43	43	08-Dec-08	600	2.1	40
Martin Island Channel	45	46	46	43	08-Dec-08	600	2	40
Martin Island Range	41	45	46	42	04-Dec-08	600	1.4	40
Columbia City Channel	43	44	44	41	04-Dec-08	600	1.2	40
St. Helens Range	43	43	43	39	09-Dec-08	600	2.0	40
St. Helens Turn	45	45	42	39	09-Dec-08	600	1.7	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 chart: