

REPORT OF NAVIGATION CHANNELS

ER 1130-2-306

COLUMBIA RIVER - OREGON & WASHINGTON

MOUTH THROUGH PILLAR ROCK LOWER RANGE mile 25.2

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
MOUTH OF COLUMBIA RIVER	16-Sep-08							
Entrance Range (-2.5 - 0.8)		640	3.3	48	50	49	48	47
Sand Island Range (0.8 - 3.0)		2000	3.3	55	57	57	58	53
		640	2.2	48	48	48	49	47
		2000	2.2	55	51	53	54	52
LOWER DESDEMONA SHOAL	01-Dec-08							
Lower Desdemona Shoal (3.0 - 6.4)		600	3.4	40	45	47	49	44
UPPER DESDEMONA SHOAL	01-Dec-08							
Upper Desdemona Shoal (6.4 - 10.0)		600	3.6	40	41	44	46	44
FLAVEL BAR	04-Dec-08							
Tansy Point Turn & Range (10.0 -13.6)		600	3.6	40	44	43	44	34
UPPER SANDS	03-Dec-08							
Tansy Point Turn & Range (13.6 - 14.8)		600	1.2	40	41	45	44	41
Astoria Range (14.8 - 17.5)		600	2.7	40	41	43	43	39
TONGUE POINT CROSSING	04-Dec-08							
Tongue Point Channel (17.5 - 19.7)		600	2.2	40	43	44	44	44
Harrington Point Range (19.7 - 21.4)		600	1.7	40	42	43	42	39
MILLER SANDS	10-Dec-08							
Harrington Point Range (21.4 - 22.3)		600	0.9	40	42	43	42	45
Miller Sands Range (22.3 - 24.5)		600	2.2	40	43	47	43	40
Pillar Rock Lower Range (24.5 - 25.2)		600	0.7	40	40	42	44	43

ENG Form 4020-R (Nov 1990)

Reference is Navigation Chart No. 18521.

Note: Controlling Depths in Channels Entering from Seaward in feet at Mean Lower Low Water from the Entrance to Harrington Point and Columbia River Datum above that point.

COLUMBIA RIVER CHANNEL DEPTHS
ENTRANCE TO MILLER SANDS RANGE

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)
Entrance Range	50	49	48	47	16-Sep-08	640	3.3	48
Sand Island Range	48	48	49	47	16-Sep-08	640	2.2	48
Lower Desdemona Shoal	45	47	49	44	01-Dec-08	600	3.4	40
Upper Desdemona Shoal	41	44	46	44	01-Dec-08	600	3.6	40
Tansy Point Turn & Range	41	43	44	34	04-Dec-08	600	4.8	40
Astoria Range	41	43	43	39	03-Dec-08	600	2.7	40
Tongue Point Channel	43	44	44	44	04-Dec-08	600	2.2	40
Harrington Point Range	42	43	42	39	10-Dec-08	600	2.6	40
Miller Sands Range	43	47	43	40	10-Dec-08	600	2.2	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 80% of current size to print out to a size that matches tab boxes currently on NOAA charts