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BAKER BAY WEST CHANNEL

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO SEP 2013 AND REPORTS TO OCT 2013

NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (STAT. MILES)	DEPTH MLLW (FEET)
ENTRANCE (0.0 - 0.7)	4	4	16	9-13	200	0.7	16
ENTRANCE TO FORT CANBY (0.7 - 1.9)	12	14	12	9-13	150	1.2	16
FT CANBY TO ILWACO (1.9 - 3.2)	10	10	5	9-13	150	1.3	16
MOORING BASIN A B	4	4	4	6-06	-	-	-

Controlling depths from seaward in feet at Mean Lower Low Water (MLLW); project dimensions: width, length, depth.

A. SHOALING TO 2 FEET ON RIGHT HALF, BETWEEN THE BREAKWATERS.
B. BASIN LOCALLY MAINTAINED.

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SOURCE

A	1990-2011	NOS Surveys	full bottom coverage
B1	1990-2008	NOS Surveys	partial bottom coverage
B3	1940-1969	NOS Surveys	partial bottom coverage
B4	1900-1939	NOS Surveys	partial bottom coverage
B5	Pre-1900	NOS Surveys	partial bottom coverage

TIDAL INFORMATION

PLACE NAME	(LAT/LONG)	Mean Higher High Water (feet)	Mean High Water (feet)	Mean Low Water (feet)
Columbia River Entrance	(46°16'N/124°04'W)	7.5	6.8	1.2
Ilwaco, Baker Bay	(46°18'N/124°02'W)	7.6	7.0	1.0
Harrington Point	(46°16'N/123°39'W)	7.7	7.0	0.9
Point Adams	(46°12'N/123°57'W)	8.3	7.6	1.2
Astoria, Tongue Point	(46°13'N/123°46'W)	8.6	7.9	1.2
Chinook, Baker Bay	(46°16'N/123°57'W)	8.1	7.4	1.3

Height referred to datum of soundings (MLLW). Dashes (- - -) located in datum columns indicate unavailable datum values for a tide station. Real-time water levels, tide predictions, and tidal current predictions are available on the Internet from http://tidesandcurrents.noaa.gov. (Sep 2013)

COLUMBIA RIVER CHANNEL DEPTHS
ENTRANCE TO MILLER SANDS RANGE
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF 11-Oct-13
Controlling Depths in Feet at Columbia River Datum (CRD) * SEE FOOTNOTE

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 **	55	56	52	**	12-Sep-13	2000	3.3	55
	**	**	**	43	12-Sep-13	640	3.3	48
Sand Island Range **	51	54	52	**	12-Sep-13	2000	2.2	55
	**	**	**	43	12-Sep-13	640	2.2	48
Lower Desdemona Sands	46	46	48	50	7-Oct-13	600	3.4	43
Upper Desdemona Sands	44	45	44	41	28-Aug-13	600	3.6	43
Tansy Point Turn & Range	40	43	44	35	8-Oct-13	600	4.8	43
Astoria Range	41	43	43	40	8-Oct-13	600	2.7	43
Tongue Point Channel	41	44	44	44	30-Sep-13	600	2.2	43
Harrington Point Range	40	43	42	36	30-Sep-13	600	2.6	43
Miller Sands Range	45	45	43	42	19-Sep-13	600	2.2	43

Project dimensions: Width, Length, Depth.

* 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
** Channel width is 2640 feet with two controlling depths, northern width is 2000 feet and southern width is 640 feet

75th Ed., Nov. / 13 ■ Corrected through NM Nov. 09/13
Corrected through LNM Nov. 05/13

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CAUTION

This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner. Chart updates corrected from Notice to Mariners published after the dates shown in the lower left hand corner are available at nauticalcharts.noaa.gov.

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

NOAA encourages users to submit inquiries, discrepancies or comments about this chart at http://www.nauticalcharts.noaa.gov/staff/contact.htm.

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U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

Columbia R., Pacific Ocean to Harrington Pt.
SOUNDINGS IN FEET - SCALE 1:40,000

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Corrected through
LNM: 5313 (12/31/2013), NM: 5213 (12/28/2013), CHS: 1213 (12/27/2013)

To ensure that this chart was printed at the proper scale, the line below should measure six inches (152 millimeters).
If the line does not measure six inches (152 millimeters), this copy is not certified safe for navigation.

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