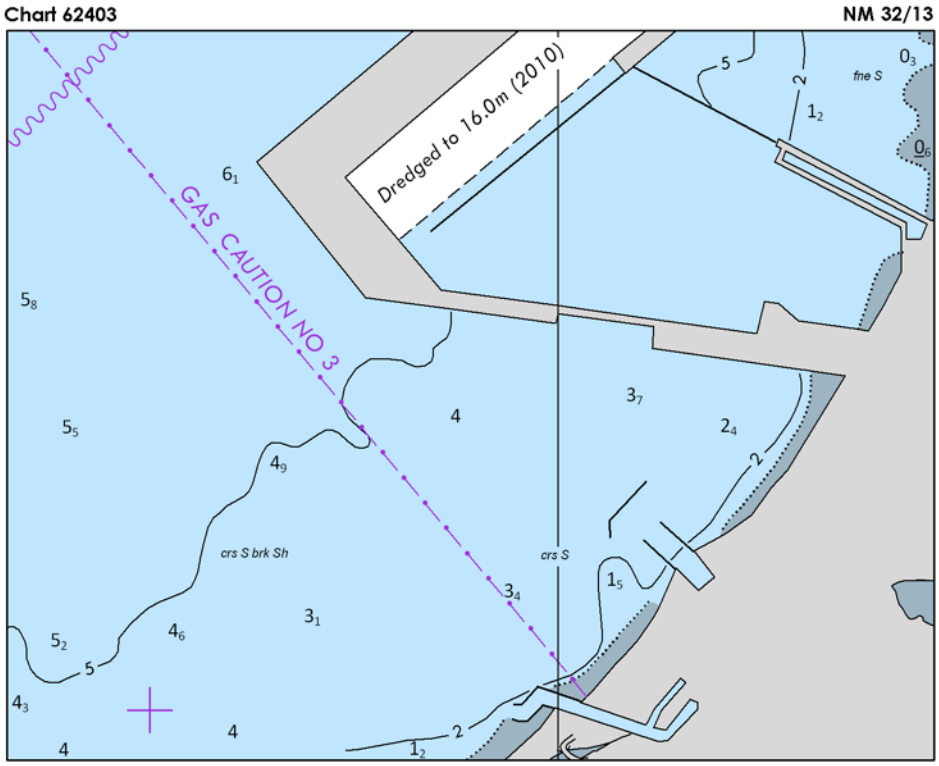
Chart 62403
NM 32/13
Dredged to 16.0m (2010)
GAS CAUTION NO 3
fne S
crs S brk Sh
crs S

Chart 18521 NM 32/13

COLUMBIA RIVER CHANNEL DEPTHS
ENTRANCE TO MILLER SANDS RANGE
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF 24-Jun-13

NAME OF CHANNEL	Controlling Depths in Feet at Columbia River Datum (CRD) * SEE FOOTNOTE: Left Outside Quarter	Left Inside Quarter	Right Inside Quarter	Right Outside Quarter	Date of Survey	PROJECT DIMENSIONS: Width (Feet)	Length STAT (Miles)	Depth (Feet)
Entrance Range **	57	57	52	**	19-Jun-13	2000	3.3	55
	**	**	**	43	19-Jun-13	640	3.3	48
Sand Island Range **	51	53	50	**	19-Jun-13	2000	2.2	55
	**	**	**	43	19-Jun-13	640	2.2	48
Lower Desdemona Sands	45	48	49	51	22-May-13	600	3.4	43
Upper Desdemona Sands	44	45	44	42	23-May-13	600	3.6	43
Tansy Point Turn & Range	40	43	45	36	6-Jun-13	600	4.8	43
Astoria Range	42	44	44	42	5-Jun-13	600	2.7	43
Tongue Point Channel	40	42	44	44	30-May-13	600	2.2	43
Harrington Point Range	39	43	41	36	30-May-13	600	2.6	43
Miller Sands Range	35	43	42	40	28-May-13	600	2.2	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
** Channel is 2640 feet wide with Right Outside Quarter (640 feet) maintained at only 48 feet depth.

Chart 18581 NM 32/13

YAQUINA BAY AND RIVER CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAR 2013

NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW): LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	PROJECT DIMENSIONS: WIDTH (FEET)	LENGTH MILES	DEPTH MLLW (FEET)
YAQUINA BAY HARBOR							
ENTRANCE	25	28	26	3-13	400-300	1.5	40-30
ENTRANCE TO TURNING BASIN	24	25	24	3-13	300	1.5	30
TURNING BASIN	12	22	23	3-13	1200	0.3	30
SOUTH BEACH MARINA HARBOR	10	10	6	7-08	100	0.4	10
THE MUD FLATS	11	11	12	3-09	200	2.0	18
YAQUINA RIVER							
WEISER POINT TO JOHNSON SLOUGH	9	8	9	3-09	150	3.1	10
FLEISHER SLOUGH TO NUTE SLOUGH	8	8	8	3-09	150	2.7	10
AMUNDSON SLOUGH TO TOLEDO	5	7	1	3-09	150	3.2	10
TOLEDO TO MI. 14.5	5	8	8	3-09	150	1.0	10
DEPOT SLOUGH	1	3	2	1-11	200	0.4	10

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

Chart 18584 NM 32/13

UMPQUA RIVER CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOV 2012 AND SURVEYS TO MAR 2013

NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW): LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	PROJECT DIMENSIONS: WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
UMPQUA RIVER ENTRANCE							
ENTRANCE CHANNEL	22	26	27	11-12	---	1.2	26
UMPQUA RIVER TURN	23	23	25	11-12	200	1.3	22
SALMON HARBOR REACH	23	22	21	11-12	200	2.1	22
BARRETTS RANGE	20	20	19	12-12	200	2.0	22
MILE SIX BAR	21	21	19	3-13	200	2.2	22
CANNERY SANDS							
JCT TO LEEDS ISLAND LIGHT	15	15	14	4-11	200	1.8	22
GARDINER CHANNEL	13	12	4	4-11	200	1.2	22
TURNING BASIN	5	3	1	4-11	---	0.2	22
REEDSPORT REACH							
CHANNEL (9.65-10.8)	18	17	18	11-12	200	1.15	22
TURNING BASIN	23	26	24	11-12	600	0.2	22
CHANNEL (11.0-11.8)	14	13	4	11-12	200	0.8	22
WINCHESTER BAY							
WEST CHANNEL	8	10	12	11-12	100	0.8	16
EAST CHANNEL (0.0-0.7)	10	11	9	11-12	100	0.7	16
EAST CHANNEL (0.7-0.9)	10	4	5	11-12	75	0.2	12

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

Chart 44361 NM N32/13

OIL AND GAS PIPELINES

Mariners are advised not to anchor or trawl in the vicinity of pipelines. Gas from a damaged pipeline could cause an explosion, loss of a vessel's buoyancy or some other serious hazard. Pipelines are not always buried and their presence may effectively reduce the charted depth.

Chart 44362 NM N32/13

MOORING BUOYS

Mooring buoys No. 3, 3A, 4, 5, 5A, and 7 are replaced by special purpose buoys during the winter period.