

Chart 16707 NM 28/14

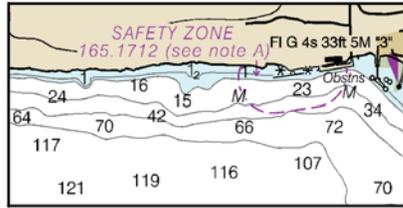


Chart 16707 (Inset...Valdez Terminal) NM 28/14

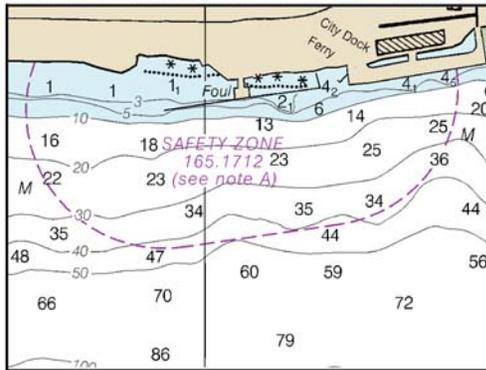
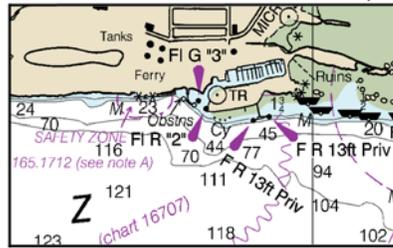


Chart 16708 NM 28/14



SECTION I

NM 28/14

CHART 11316

NM 28/14

MATAGORDA SHIP CHANNEL								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2014								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
SEA BAR AND JETTY CHANNEL	41.0	42.0	41.5	40.0	5-13	300	3.69	38
MATAGORDA PENINSULA TO LT 48	35.5	37.0	37.0	36.5	2-14	300-200	12.47	36
LIGHT 48 TO ALCOA CHANNEL	31.6	34.1	32.7	29.2	2-14	200	5.54	36
ALCOA CHANNEL								
TO TURNING BASIN	31.0	33.2	31.0	30.1	2-14	200-399	1.13	36
POINT COMFORT TURNING BASIN	37.6	38.0	38.0	37.2	2-14	1000	0.19	36

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

CHART 11317

NM 28/14

MATAGORDA SHIP CHANNEL								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2014								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
SEA BAR AND JETTY CHANNEL	41.0	42.0	41.5	40.0	5-13	300	3.69	36
MATAGORDA PENINSULA TO LT 48	35.5	37.0	37.0	36.5	2-14	300-200	12.47	36
LIGHT 48 TO ALCOA CHANNEL	31.6	34.1	32.7	29.2	2-14	200	5.54	36
ALCOA CHANNEL								
TO TURNING BASIN	31.0	33.2	31.0	30.1	2-14	200-399	1.13	36
POINT COMFORT TURNING BASIN	37.6	38.0	38.0	37.2	2-14	1000	0.19	36

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

Chart 11322 (Side B)

NM 28/14

FREEPORT HARBOR CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2014								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
OUTER BAR CHANNEL	47.0	48.0	48.0	47.0	5-13	400	4.92	47
JETTY CHANNEL	45.0	46.0	46.0	45.0	10-13	400	1.35	45
LOWER TURNING BASIN	47.0	49.0	48.0	48.0	8-13	750	0.13	45
CHANNEL TO BRAZOSPORT								
TURNING BASIN	46.0	46.0	47.0	45.0	7-13	400-600	0.48	45
BRAZOSPORT TURNING BASIN	46.0	46.0	47.0	45.0	7-13	500-1000	0.28	45
CHANNEL TO UPPER								
TURNING BASIN	46.0	49.0	49.0	44.0	5-13	280-750	1.03	45
UPPER TURNING BASIN	49.0	49.0	49.0	49.0	4-12	600-1190	0.18	45
BRAZOS HARBOR APPROACH CHANNEL	35.9	37.6	38.8	39.3	4-13	200-650	0.53	36
BRAZOS HARBOR TURNING BASIN	33.0	37.1	38.1	39.2	4-13	750	0.11	36
CHANNEL TO STAUFFER								
TURNING BASIN	17.0	19.0	19.0	17.5	11-88	200	1.0	25
STAUFFER TURNING BASIN	18.0	18.0	18.0	16.0	11-88	500	0.1	25

INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS. DEPTHS ARE REFERENCED TO A LOCAL DREDGING REFERENCE CALLED MEAN LOW TIDE. FOR AN APPROXIMATE CONVERSION TO MEAN LOWER LOW WATER, ADD 1 FOOT TO EACH DEPTH IN THE TABULATION.

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

SECTION I

NM 28/14

Chart 11323

NM 28/14

GALVESTON BAY ENTRANCE - CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2014								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT).						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
ENTRANCE CHANNEL	46.0	49.0	48.0	46.0	3-14	800-1000	8.6	45
OUTER BAR CHANNEL	44.0	48.0	48.0	48.0	2-14	800	1.7	45
INNER BAR CHANNEL	45.0	47.0	47.0	46.0	2-14	800	3.3	45

INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS. DEPTHS ARE REFERENCED TO A LOCAL DREDGING REFERENCE CALLED MEAN LOW TIDE. FOR AN APPROXIMATE CONVERSION TO MEAN LOWER LOW WATER, ADD 1 FOOT TO EACH DEPTH IN THE TABULATION.

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

Chart 11324

NM 28/14

GALVESTON BAY AND HOUSTON SHIP CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2014								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
GALVESTON HARBOR:								
ENTRANCE CHANNEL	46.0	49.0	48.0	46.0	3-14	800-1000	8.6	45
OUTER BAR CHANNEL	44.0	48.0	48.0	48.0	2-14	800	1.7	45
INNER BAR CHANNEL	45.0	47.0	47.0	46.0	2-14	800	3.3	45
BOLIVAR ROADS CHANNEL:								
BOLIVAR ROADS CHANNEL	48.0	49.0	46.0	42.0	2-14	800	0.85	45
HOUSTON SHIP CHANNEL:								
BOLIVAR ROADS TO RED FISH LIGHT 1	46.0	45.0	45.0	45.0	3-14	530	12.38	45
RED FISH LIGHT 1 TO BEACON 76	39.0	44.9	44.3	37.1	3-14	530	8.33	45
BCN 76 TO LWR END MORGANS PT CUT	37.0	47.0	47.0	37.2	11-13	530	5.49	45
GALVESTON CHANNEL	29.0	34.0	37.0	13.0	2-14	1125-1075	4.44	40-45
BOLIVAR ROADS TO TURNING BASIN	43.0	46.0	44.0	40.0	2-14	400	6.8	45
TEXAS CITY TURNING BASIN	44.0	48.0	47.0	36.0	2-14	1200	0.81	45

INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS. DEPTHS ARE REFERENCED TO A LOCAL DREDGING REFERENCE CALLED MEAN LOW TIDE. FOR AN APPROXIMATE CONVERSION TO MEAN LOWER LOW WATER, ADD 1 FOOT TO EACH DEPTH IN THE TABULATION.

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

SECTION I

NM 28/14

Chart 11325

NM 28/14

HOUSTON SHIP CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2014								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT).						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
HOUSTON SHIP CHANNEL: EXXON OIL CO. SLIP TO CARPENTERS BAYOU (A)	39.0	47.0	46.0	40.0	3-14	400-525	5.60	45
CARPENTER BAYOU TO GREENS BAYOU (B) ENTRANCE TO GREENS BAYOU TO FIRST BEND ABOVE MOUTH	36.0	43.0	36.0	35.0	3-14	400-300	5.40	40-45
GREENS BAYOU TO HUNTING BAYOU (UPPER BEND)	33.0	35.0	35.0	35.0	8-13	500-175	0.37	40
TURNING POINT AT HUNTING BAYOU	35.0	41.0	42.0	36.0	3-14	300	2.20	40
HUNTING BAYOU TO SOUTHERN PACIFIC SLIP	35.0	41.0	42.0	36.0	3-14	600	0.26	40
TURNING POINT AT CLINTON ISLAND	38.0	41.0	40.0	39.0	3-14	300	3.50	40
SOUTHERN PACIFIC SLIP TO TURNING BASIN WHARF 15	38.0	41.0	40.0	39.0	3-14	700	0.30	40
TURNING POINT AT BRADY ISLAND	34.0	37.0	37.0	34.0	3-14	300	2.98	36
HOUSTON TURNING BASIN	34.0	37.0	37.0	34.0	3-14	422	0.21	36
UPPER TURNING BASIN	30.0	34.0	34.0	29.0	3-14	250-1000	0.58	36
	29.0	28.0	27.0	27.0	3-14	150	0.26	36

A. CHANNEL WIDENS 125 FEET IN LEFT OUTSIDE QUARTER IN VICINITY OF EXXON OIL CO.
B. CHANNEL NARROWS IN VICINITY OF THE SHELL OIL CO. SLIP.

INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS. DEPTHS ARE REFERENCED TO A LOCAL DREDGING REFERENCE CALLED MEAN LOW TIDE. FOR AN APPROXIMATE CONVERSION TO MEAN LOWER LOW WATER, ADD 1 FOOT TO EACH DEPTH IN THE TABULATION.

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

Chart 11327

NM 28/14

HOUSTON SHIP CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2014								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
BOLIVAR ROADS TO RED FISH LIGHT 1	46.0	45.0	45.0	45.0	3-14	530	12.38	45
RED FISH LIGHT 1 TO BEACON 76 (TURN)	39.0	44.9	44.3	37.1	3-14	530	8.33	45
BCN 76 TO LWR END MORGANS PT CUT	37.0	47.0	47.0	37.2	11-13	530	5.49	45

INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS. DEPTHS ARE REFERENCED TO A LOCAL DREDGING REFERENCE CALLED MEAN LOW TIDE. FOR AN APPROXIMATE CONVERSION TO MEAN LOWER LOW WATER, ADD 1 FOOT TO EACH DEPTH IN THE TABULATION.

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

Chart 11328

NM 28/14

HOUSTON SHIP CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2014								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
BOLIVAR ROADS TO RED FISH LIGHT 1	46.0	45.0	45.0	45.0	3-14	530	12.38	45
RED FISH LIGHT 1 TO BEACON 76 (TURN)	39.0	44.9	44.3	37.1	3-14	530	8.33	45
BCN 76 TO LWR END MORGANS PT CUT	37.0	47.0	47.0	37.2	11-13	530	5.49	45
LOWER END MORGANS POINT CUT TO EXXON OIL CO. SLIP	44.0	49.0	49.0	46.0	3-14	400-525	4.36	45

INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS. DEPTHS ARE REFERENCED TO A LOCAL DREDGING REFERENCE CALLED MEAN LOW TIDE. FOR AN APPROXIMATE CONVERSION TO MEAN LOWER LOW WATER, ADD 1 FOOT TO EACH DEPTH IN THE TABULATION.

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

Chart 11329

NM 28/14

HOUSTON SHIP CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2014								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT).						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
LOWER END OF MORGAN PT. CUT TO EXXON OIL CO. SLIP	44.0	49.0	49.0	46.0	3-14	400-525	4.36	45
EXXON OIL CO. SLIP TO CARPENTERS BAYOU (A)	39.0	47.0	46.0	40.0	3-14	400-525	5.60	45
CARPENTER BAYOU TO GREENS BAYOU (B)	36.0	43.0	36.0	35.0	3-14	400-300	5.40	40-45

A. CHANNEL WIDENS 125 FEET IN LEFT OUTSIDE QUARTER IN VICINITY OF EXXON OIL CO.
B. CHANNEL NARROWS IN VICINITY OF THE SHELL OIL CO. SLIP.

INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS. DEPTHS ARE REFERENCED TO A LOCAL DREDGING REFERENCE CALLED MEAN LOW TIDE. FOR AN APPROXIMATE CONVERSION TO MEAN LOWER LOW WATER, ADD 1 FOOT TO EACH DEPTH IN THE TABULATION.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11342

NM 28/14

SABINE PASS - SABINE - NECHES CANAL CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2014								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
SABINE PASS:								
OUTER BAR CHANNEL	33.1	33.4	33.2	33.0	2-14	800	3.4	42
JETTY CHANNEL	29.8	30.0	30.1	29.7	1-14	800-500	4.1	40
PASS CHANNEL (A)	21.9	21.9	21.4	21.0	2-14	500-1150	5.6	40
ANCHORAGE BASIN	31.5	19.4	4.2	7.0	5-13	1500	1.6	40
PORT ARTHUR CANAL	36.4	36.5	35.3	35.1	1-14	500	5.5	40
JUNCTION - PORT ARTHUR CANAL AND SABINE NECHES CANAL	34.8	34.3	34.2	34.8	1-14	400-1200	1.3	40
ENTRANCE TO PORT ARTHUR TURNING BASINS	36.5	36.8	39.2	41.2	3-14	282-735	0.4	40
PORT ARTHUR EAST TURNING BASIN	38.5	38.2	38.6	39.2	3-14	370-547	0.3	40
PORT ARTHUR WEST TURNING BASIN	37.5	38.0	38.8	39.0	3-14	350-735	0.3	40
CHANNEL FROM PORT ARTHUR WEST TURNING BASIN TO TAYLOR BAYOU TURNING BASIN	28.6	28.8	39.8	39.5	3-14	200-350	0.6	40
TAYLOR BAYOU TURNING BASIN	20.8	21.4	40.9	41.2	3-14	90-1233	0.7	40
SABINE-NECHES CANAL:								
JCT PORT ARTHUR TO NECHES RIVER	34.4	34.8	33.0	32.8	2-14	400	11.1	40
NECHES RIVER TO SABINE RIVER	23.3	23.7	23.3	23.2	9-13	200	4.5	30

A. DEPTHS ARE REFERENCED TO A LOCAL DREDGING REFERENCE CALLED MEAN LOW TIDE. A DEPTH VALUE REFERRED TO MEAN LOW TIDE WOULD BE APPROXIMATELY ONE FOOT DEEPER WHEN REFERRED TO MEAN LOWER LOW WATER AT THE SABINE PASS NORTH TIDE GAUGE, AT 29°43'42"N 093°52'12"W.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11343

NM 28/14

SABINE AND NECHES RIVERS CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2014								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
SABINE-NECHES CANAL :								
JCT PORT ARTHUR TO NECHES RIVER	34.4	34.8	33.0	32.8	2-14	400	11.1	40
NECHES RIVER TO SABINE RIVER	23.3	23.7	23.3	23.2	9-13	200	4.5	30
NECHES RIVER:								
MOUTH TO SMITH BLUFF CUT-OFF	28.4	28.4	25.0	23.7	3-14	400	9.6	40
TURNING BASIN AT DEER BAYOU	38.7	33.2	31.7	32.6	3-14	700	0.3	40
TURNING BASIN AT SMITHS BLUFF	41.5	39.3	38.5	38.8	3-14	1400-400	0.2	40
SMITH BLUFF TO BEAUMONT T.B.	30.3	31.2	32.4	32.3	3-14	400	8.4	40
TURNING BASIN @ MILE 40.3	32.5	32.9	35.2	35.1	3-14	400-1306	0.3	40
CHANNEL EXTENSION C	32.0	32.2	31.6	31.4	3-14	350	0.2	36
MANEUVERING AREA AT BEAUMONT TURNING BASIN	38.1	39.4	37.4	36.9	3-14	varies	0.4	40
BEAUMONT TURNING BASIN EXTENSION	27.1	18.7	30.8	30.3	3-14	300	0.3	34
BEAUMONT T.B. TO BETHLEHEM SHPYDS	20.9	22.4	24.8	24.8	3-14	200	1.1	30
SABINE RIVER:								
MOUTH TO ORANGE MUNICIPAL SLIP	20.9	21.0	22.2	26.0	10-13	200	6.8	30
ORANGE TURNING BASIN	21.6	7.6	22.2	32.0	10-13	200 - 1400	0.7	30
ORANGE MUNICIPAL SLIP	28.8	28.9	27.1	27.1	10-13	150-200	0.6	30
ORANGE MUNICIPAL SLIP TO OLD U.S. HWY 90 BRIDGE	26.6	25.6	22.5	29.0	10-13	200	2.0	30
CHANNEL AROUND ORANGE HARBOR ISLAND	12.8	12.7	11.6	17.4	10-13	151-200	2.4	25
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 18558

NM 28/14

TILLAMOOK BAY CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2014							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH MILES	DEPTH MLLW (FEET)
ENTRANCE CHANNEL TO TURNING BASIN	17.0	17.0	15.0	2-14	200	1.3	18
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							