

Chart 11299

NM N15/10

CORPUS CHRISTI CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DEC 2009								
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)
ARANSAS PASS: SEA BAR CHANNEL	45.1	46.5	46.6	43.9	8-09	700-800	2.79	47
JETTY CHANNEL	50.3	47.3	42.7	42.6	8-09	600	1.28	47-45
INNER BASIN AT HARBOR ISLAND	51.6	57.0	56.7	52.9	5-09	600-1559	0.63	45
INNER BASIN MAIN CHANNEL	38.8	45.5	40.4	39.2	5-09	600	0.63	45

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

Chart 11301

NM 15/10

BROWNSVILLE AND PORT ISABEL HARBORS CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DEC 2009								
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)
BRAZOS SANTIAGO PASS:								
ENTRANCE CHANNEL	45.9	45.6	45.1	42.0	5-09	300	1.9	44
JETTY CHANNEL	42.5	44.4	44.2	41.9	5-09	300-400	1.9	42
LAGUANA CHANNEL	42.0	43.7	43.0	42.7	5-09	250	2.9	42
BROWNSVILLE SHIP CHANNEL:								
JUNCTION BASIN TO BOCA CHICA PASSING BASIN	39.3	37.5	35.4	34.5	3-09	250	4.0	42
BOCA CHICA PASSING BASIN TO GOOSE I. PASSING BASIN	36.5	38.8	39.2	37.4	3-09	250	5.4	42
GOOSE I. PASSING BASIN TO BROWNSVILLE TURNING BASIN	39.0	41.5	42.1	40.0	3-09	300	2.8	42
BROWNSVILLE TURNING BASIN EXT.	34.1	38.7	38.2	35.4	3-09	500	1.4	42
BROWNSVILLE TURNING BASIN	24.6	37.2	37.4	25.0	3-09	500-1200	0.5	36
PORT ISABEL CHANNEL:								
EAST WYE	31.2	33.0	30.8	15.3	9-09	200	1.2	36
TURNING BASIN	34.2	36.1	32.1	28.2	9-09	1000	0.25	36
WEST WYE	27.1	29.7	29.6	27.4	9-09	200	1.0	36

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

Chart 11302 (Side B)

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BROWNSVILLE AND PORT ISABEL HARBORS CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DEC 2009								
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)
BRAZOS SANTIAGO PASS:								
ENTRANCE CHANNEL	45.9	45.6	45.1	42.0	5-09	300	1.9	44
JETTY CHANNEL	42.5	44.4	44.2	41.9	5-09	300-400	1.9	42
LAGUANA CHANNEL	42.0	43.7	43.0	42.7	5-09	250	2.9	42
BROWNSVILLE SHIP CHANNEL:								
JUNCTION BASIN TO BOCA CHICA PASSING BASIN	39.3	37.5	35.4	34.5	3-09	250	4.0	42
BOCA CHICA PASSING BASIN TO GOOSE I. PASSING BASIN	36.5	38.8	39.2	37.4	3-09	250	5.4	42
GOOSE I. PASSING BASIN TO BROWNSVILLE TURNING BASIN	39.0	41.5	42.1	40.0	3-09	300	2.8	42
BROWNSVILLE TURNING BASIN EXT.	34.1	38.7	38.2	35.4	3-09	500	1.4	42
BROWNSVILLE TURNING BASIN	24.6	37.2	37.4	25.0	3-09	500-1200	0.5	36
PORT ISABEL CHANNEL:								
EAST WYE	31.2	33.0	30.8	15.3	9-09	200	1.2	36
TURNING BASIN	34.2	36.1	32.1	28.2	9-09	1000	0.25	36
WEST WYE	27.1	29.7	29.6	27.4	9-09	200	1.0	36

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

SECTION I

Chart 11305

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CORPUS CHRISTI CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DEC 2009								
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)
HUMBLE BASIN TO JCT LA QUINTA CH	39.9	45.3	44.0	41.8	11-09	600-500	10.0	45
LA QUINTA CH JCT TO BCN 82	40.0	47.6	45.7	41.8	11-09	400	9.66	45
CHANNEL TO LA QUINTA	42.5	44.1	43.5	39.4	12-08	300-400	5.49	45
TURNING BASIN	44.0	40.4	44.0	44.2	12-08	1200	0.35	45
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 11309

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CORPUS CHRISTI CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DEC 2009								
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)
ARANSAS PASS: SEA BAR CHANNEL	45.1	46.5	46.6	43.9	8-09	700-600	2.79	47
JETTY CHANNEL	50.3	47.3	42.7	42.6	8-09	600	1.28	47-45
INNER BASIN AT HARBOR ISLAND	51.6	57.0	56.7	52.9	5-09	600-1559	0.63	45
INNER BASIN MAIN CHANNEL	38.8	45.5	40.4	39.2	5-09	600	0.63	45
HUMBLE BASIN TO JCT LA QUINTA CH	39.9	45.3	44.0	41.8	11-09	600-500	10.0	45
LA QUINTA CH JCT TO BCN 82	40.0	47.6	45.7	41.8	11-09	400	9.66	45
BCN 82 TO MAIN TURNING BASIN	47.1	50.0	51.2	47.8	11-09	400-300	0.91	45
CHANNEL TO LA QUINTA	42.5	44.1	43.5	39.4	12-08	300-400	5.49	45
TURNING BASIN	44.0	40.4	44.0	44.2	12-08	1200	0.35	45
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 11310

NM N15/10

CORPUS CHRISTI CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DEC 2009								
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)
ARANSAS PASS: SEA BAR CHANNEL	45.1	46.5	46.6	43.9	8-09	700-600	2.79	47
JETTY CHANNEL	50.3	47.3	42.7	42.6	8-09	600	1.28	47-45
INNER BASIN AT HARBOR ISLAND	51.6	57.0	56.7	52.9	5-09	600-1559	0.63	45
INNER BASIN MAIN CHANNEL	38.8	45.5	40.4	39.2	5-09	600	0.63	45
HUMBLE BASIN TO JCT LA QUINTA CH	39.9	45.3	44.0	41.8	11-09	600-500	10.0	45
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

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Chart 11311

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CORPUS CHRISTI CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DEC 2009								
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)
LA QUINTA CH JCT TO BCN 82	40.0	47.6	45.7	41.8	11-09	400	9.66	45
BCN 82 TO MAIN TURNING BASIN	47.1	50.0	51.2	47.8	11-09	400-300	0.91	45
CORPUS CHRISTI:								
MAIN TURNING BASIN	40.4	44.8	45.4	38.9	3-09	300-800	1.21	45
INDUSTRIAL CANAL	44.4	46.7	46.7	40.6	8-09	400	0.59	45
AVERY POINT								
TURNING BASIN	44.5	45.0	46.4	43.0	9-09	400-975	0.47	45
CHEMICAL TURNING BASIN	46.5	47.3	46.4	45.2	9-09	400-1200	0.48	45
TULE LAKE CHANNEL	44.2	47.7	46.9	45.6	10-09	200-400	3.79	45
TULE LAKE TURNING BASIN	45.2	46.2	45.2	39.5	9-09	1200-300	0.45	45
VIOLA CHANNEL	42.3	46.0	43.7	33.0	8-09	300-200	1.71	45
VIOLA TURNING BASIN	45.6	46.6	46.6	35.2	10-09	700-900	0.3	45

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

Chart 11312

NM 15/10

CORPUS CHRISTI CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DEC 2009								
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)
ARANSAS PASS: SEA BAR CHANNEL	45.1	46.5	46.6	43.9	8-09	700-600	2.79	47
JETTY CHANNEL	50.3	47.3	42.7	42.6	8-09	600	1.28	47-45
INNER BASIN AT HARBOR ISLAND	51.6	57.0	56.7	52.9	5-09	600-1559	0.63	45
INNER BASIN MAIN CHANNEL	38.8	45.5	40.4	39.2	5-09	600	0.63	45
HUMBLE BASIN TO JCT LA QUINTA CH	39.9	45.3	44.0	41.8	11-09	600-500	10.0	45
LA QUINTA CH JCT TO BCN 82	40.0	47.6	45.7	41.8	11-09	400	9.66	45
CHANNEL TO LA QUINTA	42.5	44.1	43.5	39.4	12-08	300-400	5.49	45

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

Chart 11316

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MATAGORDA SHIP CHANNEL								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DEC 2009								
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	38.3	38.2	38.9	37.8	5-09	300	3.69	38
MATAGORDA PENINSULA TO LT 48	36.5	37.7	37.1	36.0	8-09	300-200	12.47	36
LIGHT 48 TO ALCOA CHANNEL	29.1	33.2	27.8	25.6	10-09	200	5.54	36
ALCOA CHANNEL								
TO TURNING BASIN	29.0	32.8	30.5	26.6	10-09	200-399	1.13	36
POINT COMFORT TURNING BASIN	35.7	35.5	14.9	12.9	10-09	1000	0.19	36

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

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Chart 11317

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MATAGORDA SHIP CHANNEL								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DEC 2009								
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	38.3	38.2	38.9	37.8	5-09	300	3.69	38
MATAGORDA PENINSULA TO LT 48	36.5	37.7	37.1	36.0	8-09	300-200	12.47	36
LIGHT 48 TO ALCOA CHANNEL	29.1	33.2	27.8	25.6	10-09	200	5.54	36
ALCOA CHANNEL TO TURNING BASIN	29.0	32.8	30.5	26.6	10-09	200-399	1.13	36
POINT COMFORT TURNING BASIN	35.7	35.5	14.9	12.9	10-09	1000	0.19	36

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

Chart 11318

NM N15/10

CORPUS CHRISTI CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DEC 2009								
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)
HUMBLE BASIN TO JCT LA QUINTA CH	39.9	45.3	44.0	41.8	11-09	600-500	10.0	45
LA QUINTA CH JCT TO BCN 82	40.0	47.6	45.7	41.8	11-09	400	9.66	45
BCN 82 TO MAIN TURNING BASIN	47.1	50.0	51.2	47.8	11-09	400-300	0.91	45
CHANNEL TO LA QUINTA	42.5	44.1	43.5	39.4	12-08	300-400	5.49	45
TURNING BASIN	44.0	40.4	44.0	44.2	12-08	1200	0.35	45

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

Chart 11322 (Side B)

NM 15/10

FREEPORT HARBOR CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DEC 2009								
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	46.5	48.6	47.9	46.7	11-09	400	4.36	47
JETTY CHANNEL	38.9	40.5	40.3	38.2	11-09	400	1.33	45
LOWER TURNING BASIN	36.5	41.4	42.1	37.1	11-09	750	0.19	45
CHANNEL TO BRAZOSPORT TURNING BASIN	37.8	41.5	42.1	37.1	11-09	400-600	0.47	45
BRAZOSPORT TURNING BASIN CHANNEL TO UPPER TURNING BASIN	40.2	43.4	41.5	38.3	5-09	500-1000	0.28	45
UPPER TURNING BASIN	42.1	44.6	45.2	41.7	5-09	200-750	1.03	45
BRAZOS HARBOR APPROACH CHANNEL	43.7	44.7	44.6	43.9	5-09	200-650	0.53	36
BRAZOS HARBOR TURNING BASIN	36.7	38.3	39.3	39.8	5-09	750	0.11	36
CHANNEL TO STAUFFER TURNING BASIN	34.0	37.3	38.0	38.4	5-09	600-1190	0.18	45
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

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Chart 11323

NM 15/10

GALVESTON BAY ENTRANCE - CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DEC 2009								
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	45.0	47.0	46.0	43.0	8-09	800-1000	8.6	47
OUTER BAR CHANNEL	40.0	45.0	48.0	47.0	5-09	800	1.7	47
INNER BAR CHANNEL	41.0	45.0	46.0	38.0	5-09	800	3.3	47
ANCHORAGE BASIN A	21.0	19.0	20.0	10.0	6-09	3100	1.9	34
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 15/10

GALVESTON BAY AND HOUSTON SHIP CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DEC 2009								
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	45.0	47.0	46.0	43.0	8-09	800-1000	8.6	47
OUTER BAR CHANNEL	40.0	45.0	48.0	47.0	5-09	800	1.7	47
INNER BAR CHANNEL	41.0	45.0	46.0	38.0	5-09	800	3.3	47
ANCHORAGE BASIN A	21.0	19.0	20.0	10.0	6-09	3100	1.9	34
BOLIVAR ROADS CHANNEL	47.0	49.0	46.0	45.0	5-09	800	0.85	47
HOUSTON SHIP CHANNEL:								
BOLIVAR ROADS TO RED FISH LIGHT 1	41.0	45.0	45.0	42.0	8-09	530	12.38	45
RED FISH LIGHT 1 TO BEACON 76	33.0	45.0	45.0	39.0	7-09	400	8.33	45
BCN 76 TO LWR END MORGANS PT CUT	33.0	45.0	43.0	34.0	10-09	530	3.5	45
GALVESTON CHANNEL	20.9	41.9	31.6	18.4	10,11-09	1125-1075	4.44	40
BOLIVAR ROADS TO TURNING BASIN	34.4	39.1	41.8	37.8	7-09	400	6.8	40
TEXAS CITY TURNING BASIN	44.1	47.3	47.4	42.5	6-09	1200	0.81	40
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 11325

NM 15/10

HOUSTON SHIP CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DEC 2009								
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)	41.0	46.0	45.0	40.0	6-09	400-525	5.60	45
CARPENTER BAYOU TO GREENS BAYOU (B)	41.0	42.0	41.0	41.0	9-09	400-300	5.40	40-45
ENTRANCE TO GREENS BAYOU TO FIRST BEND ABOVE MOUTH	30.0	31.0	32.0	32.0	6-09	500-175	0.37	36
GREENS BAYOU TO HUNTING BAYOU (UPPER BEND)	34.0	38.0	40.0	35.0	5-09	300	2.20	40
TURNING POINT AT HUNTING BAYOU HUNTING BAYOU TO SOUTHERN PACIFIC SLIP	34.0	37.0	40.0	33.0	5-09	300	3.50	40
TURNING POINT AT CLINTON ISLAND SOUTHERN PACIFIC SLIP TO TURNING BASIN WHARF 15	39.0	41.0	36.0	33.0	5-09	700	0.30	40
TURNING BASIN WHARF 15 TURNING POINT AT BRADY ISLAND	34.0	37.0	36.0	32.0	3-09	300	2.98	36
TURNING POINT AT BRADY ISLAND	31.0	33.0	33.0	33.0	9-09	422	0.21	36
HOUSTON TURNING BASIN	25.0	28.0	31.0	29.0	9-09	250-1000	0.58	36
UPPER TURNING BASIN	19.0	21.0	19.0	14.0	9-09	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 15/10

HOUSTON SHIP CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DEC 2009								
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	41.0	45.0	45.0	42.0	8-09	530	12.38	45
RED FISH LIGHT 1 TO BEACON 76 (TURN)	33.0	45.0	45.0	39.0	7-09	400	8.33	45
BCN 76 TO LWR END MORGANS PT CUT	33.0	45.0	43.0	34.0	10-09	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 15/10

HOUSTON SHIP CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DEC 2009								
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	41.0	45.0	45.0	42.0	8-09	530	12.38	45
RED FISH LIGHT 1 TO BEACON 76 (TURN)	33.0	45.0	45.0	39.0	7-09	400	8.33	45
BCN 76 TO LWR END MORGANS PT CUT	33.0	45.0	43.0	34.0	10-09	530	5.49	45
LOWER END MORGANS POINT CUT TO EXXON OIL CO. SLIP	27.0	35.0	41.0	29.0	8-09	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

SECTION I

Chart 11329

NM 15/10

HOUSTON SHIP CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DEC 2009								
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. TO EXXON OIL CO. SLIP	27.0	35.0	41.0	29.0	8-09	400-525	4.36	45
EXXON OIL CO. SLIP TO CARPENTERS BAYOU (A)	41.0	46.0	45.0	40.0	6-09	400-525	5.60	45
CARPENTER BAYOU TO GREENS BAYOU (B)	41.0	42.0	41.0	41.0	9-09	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 11332

NM 15/10

SABINE PASS CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DEC 2009								
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 BANK CHANNEL	36.3	41.3	40.3	34.4	7-09	800	14.7	42
OUTER BAR CHANNEL	37.3	41.6	38.9	35.9	8-09	800	3.4	42
JETTY CHANNEL	31.9	43.2	41.4	30.8	11-09	800-500	4.1	40
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 11341

NM 15/10

SABINE PASS CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DEC 2009								
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 BANK CHANNEL	36.3	41.3	40.3	34.4	7-09	800	14.7	42
OUTER BAR CHANNEL	37.3	41.6	38.9	35.9	8-09	800	3.4	42
JETTY CHANNEL	31.9	43.2	41.4	30.8	11-09	800-500	4.1	40
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

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NM 15/10

Chart 11342

NM 15/10

SABINE PASS - SABINE - NECHES CANAL CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DEC 2009								
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)
SABINE PASS:								
OUTER BAR CHANNEL	37.3	41.6	38.9	35.9	8-09	800	3.4	42
JETTY CHANNEL	31.9	43.2	41.4	30.8	11-09	800-500	4.1	40
PASS CHANNEL	23.9	32.7	40.4	20.8	11-09	500-1150	5.6	40
ANCHORAGE BASIN	35.1	23.0	12.2	3.3	11-09	1500	1.6	40
PORT ARTHUR CANAL	33.9	39.0	37.2	29.6	11-09	500	5.5	40
JUNCTION - PORT ARTHUR CANAL AND SABINE NECHES CANALS	38.1	39.2	34.7	30.7	12-09	400-1200	1.3	40
ENTRANCE TO PORT ARTHUR TURNING BASINS	35.1	36.0	36.1	30.7	12-09	282-735	0.4	40
PORT ARTHUR EAST TURNING BASIN	38.9	36.6	36.5	35.3	12-09	370-547	0.3	40
PORT ARTHUR WEST TURNING BASIN CHANNEL FROM PORT ARTHUR WEST TURNING BASIN TO TAYLOR BAYOU TURNING BASIN	35.1	35.4	37.2	32.8	12-09	350-735	0.3	40
TAYLOR BAYOU TURNING BASIN	28.8	40.0	37.2	35.0	12-09	200-350	0.6	40
TAYLOR BAYOU TURNING BASIN	34.0	40.5	41.3	39.0	12-09	90-1233	0.7	40
SABINE-NECHES CANAL:								
JCT PORT ARTHUR TO NECHES RIVER	29.6	36.1	36.9	29.0	10-09	400	11.1	40
NECHES RIVER TO SABINE RIVER	19.7	21.2	19.3	16.1	6-09	200	4.5	30

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. 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 GAGE, 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 15/10

SABINE AND NECHES RIVERS CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DEC 2009								
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	29.6	36.1	36.9	29.0	10-09	400	11.1	40
NECHES RIVER TO SABINE RIVER	19.7	21.2	19.3	16.1	6-09	200	4.5	30
NECHES RIVER:								
MOUTH TO SMITH BLUFF CUT-OFF	26.2	27.9	28.8	29.1	6-09	400	9.6	40
TURNING BASIN AT DEER BAYOU	37.4	36.9	33.7	33.3	5-09	700	0.3	40
TURNING BASIN AT SMITHS BLUFF	37.6	35.5	35.9	35.1	6-09	1400-400	0.2	40
SMITH BLUFF TO BEAUMONT T.B.	34.3	38.1	38.4	31.6	6-09	400	8.4	40
TURNING BASIN @ MILE 40.3	34.5	38.1	40.1	37.8	6-09	400-1306	0.3	40
CHANNEL EXTENSION C	34.6	35.9	34.9	31.4	6-09	350	0.2	36
MANEUVERING AREA AT BEAUMONT TURNING BASIN	25.9	38.8	36.1	35.2	6-09	400-1000	0.4	40
BEAUMONT TURNING BASIN EXTENSION	34.9	33.4	27.0	23.4	6-09	300	0.3	34
BEAUMONT T.B. TO BETHLEHEM SHPYDS	15.1	18.9	21.0	13.6	6-09	200	1.1	30
SABINE RIVER:								
MOUTH TO ORANGE MUNICIPAL SLIP	21.4	25.7	29.0	24.0	12-09	200	6.8	30
ORANGE TURNING BASIN	24.9	26.2	27.3	30.5	12-09	200 - 1400	0.7	30
ORANGE MUNICIPAL SLIP	24.7	28.1	25.4	20.9	6-09	150-200	0.6	30
ORANGE MUNICIPAL SLIP TO OLD U.S. HWY 90 BRIDGE	26.0	28.8	30.0	27.6	12-09	200	2.0	30
CHANNEL AROUND ORANGE HARBOR ISLAND	11.5	12.3	6.2	6.0	12-09	151-200	2.4	25

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

SECTION I

NM 15/10

Chart 11373

NM 15/10

HORN ISLAND PASS PASCAGOULA HARBOR AND BAYOU CASOTTE CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JAN 2010							
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)
PASCAGOULA BAR CHANNEL	42.1	44.0A	42.5	11-09	450	6.28	44.0
HORN ISLAND PASS	43.9	43.8	43.7	12-09	600	1.4	44.0
PASCAGOULA LOWER SOUND	40.3B	42.0	41.2C	9-09	350	4.3	42.0
PASCAGOULA UPPER SOUND	32.4	32.7	36.4	11-09	350	4.63	38.0
PASCAGOULA RIVER	36.0D	35.5E	34.4F	10-09	350G	2.021	38.0
BAYOU CASOTTE	35.2	40.2	32.9	11-09	350	4.57	42.0

A. THE CONTROLLING DEPTHS FOR THE MIDDLE HALF OF THE CHANNEL ARE 44.0 FT IN THE LEFT INSIDE QUARTER AND 44.0 FT IN THE RIGHT INSIDE QUARTER.
 B. SHOALING TO 36.2 FT AT BEND WIDENING AREA.
 C. SHOALING TO 39.1 FT AT BEND WIDENING AREA.
 D. SHOALING TO 24.6 FT AT CSX RAILROAD BRIDGE.
 E. SHOALING TO 24.5 FT AT CSX RAILROAD BRIDGE.
 F. SHOALING TO 25.5 FT AT CSX RAILROAD BRIDGE.
 G. PASCAGOULA RIVER PROJECT WIDTH VARIES AT SOUTH END OF TERMINAL C TO CSX RAILROAD.

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

Chart 11374 (Side B)

NM 15/10

HORN ISLAND PASS PASCAGOULA HARBOR AND BAYOU CASOTTE CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JAN 2010							
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)
PASCAGOULA BAR CHANNEL	42.1	44.0A	42.5	11-09	450	6.28	44.0
HORN ISLAND PASS	43.9	43.8	43.7	12-09	600	1.4	44.0
PASCAGOULA LOWER SOUND	40.3B	42.0	41.2C	9-09	350	4.3	42.0
PASCAGOULA UPPER SOUND	32.4	32.7	36.4	11-09	350	4.63	38.0
PASCAGOULA RIVER	36.0D	35.5E	34.4F	10-09	350G	2.021	38.0
BAYOU CASOTTE	35.2	40.2	32.9	11-09	350	4.57	42.0

A. THE CONTROLLING DEPTHS FOR THE MIDDLE HALF OF THE CHANNEL ARE 44.0 FT IN THE LEFT INSIDE QUARTER AND 44.0 FT IN THE RIGHT INSIDE QUARTER.
 B. SHOALING TO 36.2 FT AT BEND WIDENING AREA.
 C. SHOALING TO 39.1 FT AT BEND WIDENING AREA.
 D. SHOALING TO 24.6 FT AT CSX RAILROAD BRIDGE.
 E. SHOALING TO 24.5 FT AT CSX RAILROAD BRIDGE.
 F. SHOALING TO 25.5 FT AT CSX RAILROAD BRIDGE.
 G. PASCAGOULA RIVER PROJECT WIDTH VARIES AT SOUTH END OF TERMINAL C TO CSX RAILROAD.

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

SECTION I

NM 15/10

Chart 11375

NM 15/10

HORN ISLAND PASS PASCAGOULA HARBOR AND BAYOU CASOTTE CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JAN 2010							
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)
PASCAGOULA BAR CHANNEL	42.1	44.0A	42.5	11-09	450	6.28	44.0
HORN ISLAND PASS	43.9	43.8	43.7	12-09	600	1.4	44.0
PASCAGOULA LOWER SOUND	40.3B	42.0	41.2C	9-09	350	4.3	42.0
PASCAGOULA UPPER SOUND	32.4	32.7	36.4	11-09	350	4.63	38.0
PASCAGOULA RIVER	36.0D	35.5E	34.4F	10-09	350G	2.021	38.0
BAYOU CASOTTE	35.2	40.2	32.9	11-09	350	4.57	42.0

A. THE CONTROLLING DEPTHS FOR THE MIDDLE HALF OF THE CHANNEL ARE 44.0 FT IN THE LEFT INSIDE QUARTER AND 44.0 FT IN THE RIGHT INSIDE QUARTER.
 B. SHOALING TO 36.2 FT AT BEND WIDENING AREA.
 C. SHOALING TO 39.1 FT AT BEND WIDENING AREA.
 D. SHOALING TO 24.6 FT AT CSX RAILROAD BRIDGE.
 E. SHOALING TO 24.5 FT AT CSX RAILROAD BRIDGE.
 F. SHOALING TO 25.5 FT AT CSX RAILROAD BRIDGE.
 G. PASCAGOULA RIVER PROJECT WIDTH VARIES AT SOUTH END OF TERMINAL C TO CSX RAILROAD.

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

Chart 12273

NM 15/10

BALTIMORE HARBOR CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 2009								
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)
CRAIGHILL ENTRANCE	47.0	51.0	51.0	49.0	3-09	700	3.79	50
CRAIGHILL CHANNEL	49.0	51.0	51.0	47.0	4-09	700	3.24	50
CRAIGHILL ANGLE	47.0	50.0	50.0	48.0	5,7-09	700-1870	1.88	50
CRAIGHILL CHANNEL UPPER RANGE	51.0	50.0	51.0	51.0	5-09	700	1.19	50
CUTOFF ANGLE	50.0	51.0	49.0	49.0	3-09	700-1740	1.14	50
BREWERTON CHANNEL	51.0	51.0	51.0	50.0	4-09	700	3.50	50
EASTERN EXTENSION	33.0	35.0	35.0	35.0	6-09	600	6.33	35
SWAN POINT CHANNEL	35.0	35.0	35.0	35.0	6-09	600	3.13	35
TOLCHESTER CHANNEL	31.0	35.0	36.0	35.0	6-09	450-600	10.87	35

* ALL DEPTHS REPORTED TO NEAREST FOOT.
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

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NM 15/10

Chart 12278

NM 15/10

BALTIMORE HARBOR CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 2009								
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)
CRAIGHILL ENTRANCE	47.0	51.0	51.0	49.0	3-09	700	3.79	50
CRAIGHILL CHANNEL	49.0	51.0	51.0	47.0	4-09	700	3.24	50
CRAIGHILL ANGLE	47.0	50.0	50.0	48.0	5,7-09	700-1870	1.88	50
CRAIGHILL CHANNEL UPPER RANGE	51.0	50.0	51.0	51.0	5-09	700	1.19	50
CUTOFF ANGLE	50.0	51.0	49.0	49.0	3-09	700-1740	1.14	50
BREWERTON CHANNEL	51.0	51.0	51.0	50.0	4-09	700	3.50	50
BREWERTON ANGLE	49.0	50.0	50.0	49.0	1-09	700-1460	1.10	50
FORT MCHENRY CHANNEL	48.0	50.0	50.0	50.0	1-09	700	3.87	50
FORT MCHENRY CHANNEL TURNING BASIN	50.0	51.0	51.0	50.0	1-09	1200	0.23	50
CURTIS BAY CHANNEL	50.0	49.0	48.0	49.0	3-09	400-1275	2.25	50
BREWERTON CHANNEL EASTERN EXTENSION	33.0	35.0	35.0	35.0	6-09	600	6.33	35
SWAN POINT CHANNEL	35.0	35.0	35.0	35.0	6-09	600	3.13	35
TOLCHESTER CHANNEL	31.0	35.0	36.0	35.0	6-09	450-600	10.87	35

* ALL DEPTHS REPORTED TO NEAREST FOOT.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 12288

NM 15/10

POTOMAC RIVER CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF SEP 2009 AND SURVEYS TO AUG 2009							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
MATTAWOMAN BAR	21.0	21.0	21.0	8-09	200	3.0	24

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

Chart 12289

NM 15/10

POTOMAC RIVER CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF SEP 2009 AND SURVEYS TO AUG 2009							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
MATTAWOMAN BAR	21.0	21.0	21.0	8-09	200	3.0	24
MARSHALL HALL BAR	23.0	24.0	24.0	8-08	200	2.0	24

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

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NM 15/10

Chart 14836

NM 15/10

ASHTABULA RIVER AND HARBOR CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2008								
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 FEET	DEPTH MLLW (FEET)
ASHTABULA HARBOR (AREA)								
LAKE APPROACH CHANNEL (A)	22.0	29.0	29.0	25.2	6-08	600	*	29
OUTER HARBOR (B)	17.5	27.9	27.4	8.5	6-08	600-1400	2600 (b)	28
INNER HARBOR TO MINNESOTA SLIP (C)	17.8	19.1	13.5	0.3	6-08	2000	300-1100	27
TURNING BASIN AND MOORING AREA (D)	11.8	16.9	15.9	14.8	6-08	1200	1300 (b)	22*
ACCESS TO THE EAST BASIN (E)	13.5	11.8	9.3	3.4	6-08	700-1200	3100	28
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 FEET	DEPTH MLLW (FEET)	
ASHTABULA RIVER CHANNEL (AREA)								
FIRST 2000 FEET (F)	10.4	12.3	5.1	6-08	230-170	2000	27	
THENCE TO FIFTH ST BRIDGE (G)	1.0	7.1	8.8	3,4-08	100-150	1880	18*	
THENCE TO UPSTREAM END OF UPPER TURNING BASIN (GG)	16.0	2.5	3.7	5-08	100-250	1370	18*	
THENCE TO OLD CAR FERRY DOCKS (H)	14.1	14.0	12.9	5-08	100-200	3600	16*	
UPPER TURNING BASIN (I)	16.0	16.0	15.4	5-08	400	450	16*	
THENCE TO THE END OF PROJECT (J)	0.2	0.3	1.2	5-08	100	1551	16*	
* - NOT MAINTAINED								
(b) - IRREGULARLY SHAPED, CONSULT THE CORPS OF ENGINEERS								
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								