Chart 11339 (Inset) NM 31/09

CALCASIEU PASS AND RIVER

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAR 2009

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW GULF (MLG)						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 MLG (FEET)
BAR CHANNEL	32.0	38.0	38.0	25.0	9,10-08; 1-09	800	26.3	42
JETTY CHANNEL TO (29°46'00.0"N, 93°20'43.0"W)	36.0	39.0	32.0	25.0	3-09	400	1.3	40
THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	29.0	39.0	40.0	38.0	1,3-09	400	6.0	40
THENCE TO A POINT (29°58'00.0"N, 93°20'10.0"W)	29.0	36.0	36.0	29.0	1-09	400	6.0	40
THENCE TO A POINT (30°04'00.0"N, 93°19'38.0"W)	31.0	36.0	34.0	29.0	9-08; 1-09	400	6.0	40
THENCE TO A POINT (30°09'03.0"N, 93°19'57.0"W)	29.0	30.0	27.0	22.0	1-08; 1,2,3-09	400	5.2	40
THENCE TO 210 BRIDGE	28.0	30.0	35.0	29.0	1,4-08; 1,3-09	400	4.4	40
THENCE TO END OF 400 CHANNEL (30°13'08.0"N, 93°15'12.0"W)	38.0	40.0	40.0	32.0	1-09	400	2.1	40

INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS.
DEPTHS ARE REFERENCED TO A REFERENCE DATUM CALLED MEAN LOW GULF. SEE NOTE H.

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

Chart 11344 NM 31/09

CALCASIEU PASS AND RIVER

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAR 2009

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW GULF (MLG)						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 MLG (FEET)
BAR CHANNEL	32.0	38.0	38.0	25.0	9,10-08; 1-09	800	26.3	42
JETTY CHANNEL TO (29°46'00.0"N, 93°20'43.0"W)	36.0	39.0	32.0	25.0	3-09	400	1.3	40
THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	29.0	39.0	40.0	38.0	1,3-09	400	6.0	40

INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS.
DEPTHS ARE REFERENCED TO A REFERENCE DATUM CALLED MEAN LOW GULF. SEE NOTE H.

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

Chart 11347 (Side A) NM 31/09

CALCASIEU PASS AND RIVER

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAR 2009

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW GULF (MLG)						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 MLG (FEET)
BAR CHANNEL	32.0	38.0	38.0	25.0	9,10-08; 1-09	800	26.3	42
JETTY CHANNEL TO (29°46'00.0"N, 93°20'43.0"W)	36.0	39.0	32.0	25.0	3-09	400	1.3	40
THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	29.0	39.0	40.0	38.0	1,3-09	400	6.0	40
THENCE TO A POINT (29°58'00.0"N, 93°20'10.0"W)	29.0	36.0	36.0	29.0	1-09	400	6.0	40
THENCE TO A POINT (30°04'00.0"N, 93°19'38.0"W)	31.0	36.0	34.0	29.0	9-08; 1-09	400	6.0	40
THENCE TO A POINT (30°09'03.0"N, 93°19'57.0"W)	29.0	30.0	27.0	22.0	1-08; 1,2,3-09	400	5.2	40
THENCE TO 210 BRIDGE	28.0	30.0	35.0	29.0	1,4-08; 1,3-09	400	4.4	40
THENCE TO END OF 400 CHANNEL (30°13'08.0"N, 93°15'12.0"W)	38.0	40.0	40.0	32.0	1-09	400	2.1	40

INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS.
DEPTHS ARE REFERENCED TO A REFERENCE DATUM CALLED MEAN LOW GULF. SEE NOTE H.

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

Chart 11347 (Side B, Inset 1) NM 31/09

CALCASIEU PASS AND RIVER

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAR 2009

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW GULF (MLG)						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 MLG (FEET)
BAR CHANNEL	32.0	38.0	38.0	25.0	9,10-08; 1-09	800	26.3	42
JETTY CHANNEL TO (29°46'00.0"N, 93°20'43.0"W)	36.0	39.0	32.0	25.0	3-09	400	1.3	40
THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	29.0	39.0	40.0	38.0	1,3-09	400	6.0	40
THENCE TO A POINT (29°58'00.0"N, 93°20'10.0"W)	29.0	36.0	36.0	29.0	1-09	400	6.0	40
THENCE TO A POINT (30°04'00.0"N, 93°19'38.0"W)	31.0	36.0	34.0	29.0	9-08; 1-09	400	6.0	40
THENCE TO A POINT (30°09'03.0"N, 93°19'57.0"W)	29.0	30.0	27.0	22.0	1-08; 1,2,3-09	400	5.2	40
THENCE TO 210 BRIDGE	28.0	30.0	35.0	29.0	1,4-08; 1,3-09	400	4.4	40
THENCE TO END OF 400 CHANNEL (30°13'08.0"N, 93°15'12.0"W)	38.0	40.0	40.0	32.0	1-09	400	2.1	40

INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS.
DEPTHS ARE REFERENCED TO A REFERENCE DATUM CALLED MEAN LOW GULF. SEE NOTE H.

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

Chart 11372 (Side B) NM 31/09

SHIP ISLAND PASS AND GULFPORT HARBOR CHANNELS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2009

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 (NAUT. MILES)	DEPTH MLLW (FEET)
SHIP ISLAND BAR CHANNEL	29.3	30.1	22.6	3-09	300	10.0	38
GULFPORT CHANNEL	22.7	A25.8	25.6	9-08	220	10.6	36
ANCHORAGE BASIN	C27.4	C26.1	B21.5	3-09	1110-1220	0.4	32-36

A. EXCEPT FOR A REPORTED OBSTRUCTION LOCATED IN APPROXIMATE POSITION 30°20'00.0"N, 89°04'06.0"W.
B. EXCEPT FOR A REPORTED OBSTRUCTION LOCATED IN APPROXIMATE POSITION 30°21'00.0"N, 89°05'00.0"W.
C. EXCEPT FOR A SUBM BREAKWATER LOCATED APPROXIMATELY FROM 30°21'04.6"N, 89°05'21.6"W TO 30°21'01.9"N, 89°05'08.6"W.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11373 NM 31/09

SHIP ISLAND PASS AND GULFPORT HARBOR CHANNELS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2009

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 (NAUT. MILES)	DEPTH MLLW (FEET)
SHIP ISLAND BAR CHANNEL	29.3	30.1	22.6	3-09	300	10.0	38
GULFPORT CHANNEL	22.7	A25.8	25.6	9-08	220	10.6	36
ANCHORAGE BASIN	C27.4	C26.1	B21.5	3-09	1110-1220	0.4	32-36

A. EXCEPT FOR A REPORTED OBSTRUCTION LOCATED IN APPROXIMATE POSITION 30°20'00.0"N, 89°04'06.0"W.
B. EXCEPT FOR A REPORTED OBSTRUCTION LOCATED IN APPROXIMATE POSITION 30°21'00.0"N, 89°05'00.0"W.
C. EXCEPT FOR A SUBM BREAKWATER LOCATED APPROXIMATELY FROM 30°21'04.6"N, 89°05'21.6"W TO 30°21'01.9"N, 89°05'08.6"W.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11376 NM 31/09

MOBILE BAY AND RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2009 AND SURVEYS TO APR 2009

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 (NAUT. MILES)	DEPTH MLLW (FEET)
ENTRANCE CHANNEL	44.4	47.0	44.9	2-09	600	7.0	47
MOBILE BAY:							
LOWER REACH (TO LIGHT 50)	41.5	43.8	41.1	3-09	400	11.8	45
UPPER REACH	38.0	42.1	38.8	2, 3-09	400	13.4	40-45
MOBILE RIVER:							
PINTO ISLAND REACH	34.2	38.9	31.8	1-09	700-800	0.6	40
MOBILE CHANNEL	32.4	39.3	33.0	1-09	600	1.5	40
MOBILE TURNING BASIN	36.1	C38.8	35.7	1, 4-09	200-675	0.4	40
BLAKELEY ISLAND REACH	A37.4	29.0	27.7	4-09	500	1.0	40
ST. LOUIS POINT REACH	18.8	24.1	19.0	1-09	500	0.2	25
CHICKASAW CREEK CHANNEL	15.2	22.6	20.6	1-09	250	2.7	25
ARLINGTON CHANNEL	14.4	15.7	13.7	11-08	150	1.4	27
OCEAN TERMINAL TURNING BASIN	14.8	15.3	12.3	11-08	600	0.1	27
THEODORE SHIP CHANNEL:							
BAY CUT	35.4	36.9	36.4	2-09	400	4.5	40
ANCHORAGE AREA	41.6	41.4	42.1	2-09	300	0.2	40
LAND CUT	40.0	40.0	B40.0	2-09	300	1.5	40
TURNING BASIN	38.1	38.3	36.5	2-09	1400	0.3	40
BARGE CHANNEL	9.5	6.8	8.7	4-09	100	1.1	12

A. EXCEPT FOR A DANGEROUS WRECK LOCATED AT 30°43'27.0"N 88°02'33.0"W.
B. ROCK OBSTRUCTIONS REPORTED FROM BUOY "20", CONTINUING FOR APPROXIMATELY 600 FEET EASTWARD. MINIMUM DEPTH OVER ROCKS IS 38 FEET.
C. OBSTRUCTION WITH A REPORTED DEPTH OF 20 FT AT 30°42'37.9"N 88°02'19.1"W.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 12347 NM 31/09

HUDSON RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2006 AND SURVEYS TO SEP 2008

	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 (NAUT. MILES)	DEPTH MLLW (FEET)
KINGSTON POINT REACH	32.3	35.7	31.6	8-08	400	2.2	32
BARRYTOWN REACH	33.8	34.3	30.6	9-08	400	0.9	32
TIVOLI REACH	29.8	32.6	33.3	9,10-08	400	0.4	32
MALDEN ON HUDSON REACH	32.6	31.1	29.5	9-08	400	0.5	32
NORTH GERMANTOWN REACH	29.8	30.7	28.5	6-08	400	2.0	32
NORTH GERMANTOWN REACH TO HUDSON CITY LIGHT	33.4	32.0	28.7	6,8-08	400	6.4	32
HUDSON CITY LIGHT TO HUDSON RIVER LIGHT "140"	28.1	34.8	36.5	7,8-08	400	2.1	32
HUDSON RIVER LIGHT "140" TO FOURMILE POINT (CHART 12348)	28.5	30.7	31.3	7,8-08	400	1.5	32

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

Chart 12348 NM 31/09

HUDSON RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2006 AND SURVEYS TO SEP 2008

	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 (NAUT. MILES)	DEPTH MLLW (FEET)
HUDSON RIVER LIGHT "140" (CHART 12347) TO FOURMILE POINT	28.5	30.7	31.3	7,8-08	400	1.5	32
FOURMILE POINT TO 730 YARDS NORTH OF MILL CREEK LIGHT "MC"	27.8	30.3	25.0	7-08	400	7.0	32
ANCHORAGE AT STUYVESANT	31.2	31.5	29.0	11-01;9-04;10-05;7-08	400	0.4	32
730 YARDS NORTH OF MILL CREEK LIGHT "MC" TO ALBANY TURNING BASIN	29.2	30.3	28.6	5,6,7-08	400-500	12.1	32
TURNING BASIN AT ALBANY	34.4	28.9	22.9	5-08	600	0.3	32
TURNING BASIN AT ALBANY TO DUNN MEMORIAL BRIDGE	15.8	15.1	14.1	5,6-08	300-400	0.9	27-32
(AT LOWEST LOW WATER) DUNN MEMORIAL BRIDGE TO PATROON ISLAND BRIDGE	9.1	15.6	13.9	6-08	616-400	1.7	14
PATROON ISLAND BRIDGE TO NORTH END OF ADAMS ISLAND	11.4	13.9	6.5	5,6-08	400-200	5.3	14
THENCE TO TROY LOCK	8.4	13.6	9.4	5-08	600-45	0.3	14
CHANNEL EAST OF ADAMS ISLAND	15.7	15.5	13.0	5-08	145	0.4	14

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

Chart 14847 NM 31/09

TOLEDO HARBOR CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2004
AND SURVEYS TO DEC 2007

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GREAT LAKES LOW WATER DATUM (LWD)						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 LWD (FEET)
ENTRANCE CHANNEL TO BUOY 49	19.5	25.0	24.1	20.5	6,12-03; 6,12-07	500	18.0	28
MAUMEE MOORING BASIN	20.3	19.0	17.9	15.8	4,10-03; 6,12-07	450	1.40	28
THENCE TO BUOY 62 MAUMEE RIVER CHANNEL	22.3	19.7	20.2	20.9	6,12-07	400	2.65	27
RIVERSIDE TURNING BASIN	21.0	19.0	17.0	12.0	11-03; 6-07	350	0.25	20
THENCE TO ANTHONY WAYNE FIXED BRIDGE	20.7	24.2	26.5	24.3	6,12-07	200	2.51	27
THENCE TO BUOY 67	23.3	22.5	21.5	22.5	6-07	200	1.08	27
TURNING BASIN	22.9	20.7	20.5	17.1	6-07	260-630	.27	27
THENCE TO UPSTREAM LIMIT OF PROJECT	5.5	8.1	9.6	9.8	6-07	200	.47	25
TURNING BASIN	11.0	13.2	11.2	11.3	6-07	835	.16	18

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