

Chart 11322 (Side B)

NM 25/09

FREEPORT HARBOR CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2009							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT)					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)
CHANNEL FROM DEEP WATER TO SEAWARD END OF JETTY	44.0	47.1	42.8	12-08	400	4.3	47
JETTY CHANNEL	40.1	45.8	38.7	11-08	400	1.2	45
LOWER TURNING BASIN THENCE TO BRAZOSPORT	38.0	41.2	38.4	2-09	750	0.1	45
TURNING BASIN	38.5	42.5	37.8	2-09	400-600	0.4	45
BRAZOSPORT TURNING BASIN CHANNEL TO UPPER	40.8	42.1	39.4	2-09	500-1000	0.2	45
TURNING BASIN	42.4	44.7	41.9	2-09	280-750	0.9	45
BRAZOS HARBOR APPROACH CHANNEL	37.2	39.1	39.4	8-08	200-650	0.5	36
BRAZOS HARBOR TURNING BASIN	35.7	38.0	39.0	8-08	750	0.1	36
UPPER TURNING BASIN CHANNEL TO STAUFFER	45.6	45.1	45.1	2-09	600-1190	0.2	45
TURNING BASIN	17.0	19.0	17.5	11-88	200	1.0	25
STAUFFER TURNING BASIN	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

Chart 11342

NM 25/09

SABINE PASS - SABINE - NECHES CANAL CHANNEL DEPTHS								
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	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
SABINE PASS:								
OUTER BAR CHANNEL	40.7	42.0	40.7	38.4	1-09	800	3.0	42
JETTY CHANNEL	32.8	43.6	42.2	31.1	1-09	800-500	3.5	40
PASS CHANNEL	29.2	36.7	41.5	19.9	1-09	500-1150	4.9	40
ANCHORAGE BASIN	35.1	22.6	12.4	1.3	1-09	1500	1.4	40
PORT ARTHUR SHIP CANAL JUNCTION PORT ARTHUR-	34.8	39.7	38.6	31.8	1-09	500	4.8	40
SABINE NECHES CANALS ENTRANCE TO PORT ARTHUR	36.6	40.4	36.9	35.0	3-09	400-1200	1.1	40
TURNING BASINS	39.2	40.9	39.5	38.1	3-09	282-735	0.3	40
EAST TURNING BASIN	40.1	41.3	39.7	37.5	3-09	370-547	0.3	40
WEST TURNING BASIN CHANNEL CONNECTING	40.9	41.1	41.2	38.4	3-09	350-735	0.3	40
WEST BASIN AND TAYLOR BAYOU TURNING BASIN	41.6	42.5	42.5	39.8	3-09	200-350	0.5	40
TAYLOR BAYOU TURNING BASIN	38.6	41.4	42.0	39.8	3-09	90-1233	0.6	40
SABINE-NECHES CANAL:								
PORT ARTHUR TO NECHES RIVER	30.8	37.2	37.2	29.6	9-08	400	9.6	40
NECHES RIVER TO SABINE RIVER	20.0	20.2	19.6	16.9	2-09	200	3.9	30

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

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Chart 11343

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SABINE AND NECHES RIVERS CHANNEL DEPTHS								
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	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
SABINE-NECHES CANAL :								
PORT ARTHUR TO NECHES RIVER	30.8	37.2	37.2	29.6	9-08	400	9.6	40
NECHES RIVER TO SABINE RIVER	20.0	20.2	19.6	16.9	2-09	200	3.9	30
NECHES RIVER:								
MOUTH TO SMITH BLUFF	28.7	30.6	32.2	30.0	1-09	400	8.3	40
TURNING BASIN AT DEER BAYOU	37.6	37.4	34.8	34.0	1-09	700	0.3	40
TURNING BASIN AT SMITHS BLUFF	37.9	36.0	35.8	34.6	1-09	1400-400	0.2	40
SMITH BLUFF TO BEAUMONT	31.4	37.1	38.5	32.2	1-09	400	7.3	40
TURNING BASIN (30°02'12"N, 94°01'58"W)	31.4	37.1	39.9	37.6	1-09	400-1306	0.2	40
CHANNEL EXTENSION	34.5	34.2	33.8	30.9	1-09	350	0.2	36
MANEUVERING AREA (30°04'44"N, 94°05'05"W)	26.2	36.5	35.9	34.8	1-09	400-1000	0.3	40
TURNING BASIN EXTENSION	35.0	32.8	27.7	24.3	1-09	300	0.2	34
THENCE TO TRINITY INDUSTRIES	15.3	18.9	19.7	14.8	1-09	200	1.0	30
SABINE RIVER:								
MOUTH TO ORANGE MUNICIPAL SLIP	21.3	25.4	28.3	24.0	2-09	200	5.9	30
ORANGE TURNING BASIN	25.9	26.6	26.6	31.1	2-09	200 - 1400	0.6	30
ORANGE MUNICIPAL SLIP	27.0	31.0	28.0	23.0	9-08	150-200	0.5	30
ORANGE MUNICIPAL SLIP TO OLD HIGHWAY BRIDGE SITE	26.7	28.8	29.8	27.3	2-09	200	1.7	30
CHANNEL AROUND ORANGE HARBOR ISLAND	12.0	11.0	10.0	10.0	9-08	151-200	2.1	25

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

Chart 11376

NM 25/09

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	39.4	32.8	1-09	700-800	0.6	40	
MOBILE CHANNEL	32.9	39.8	36.2	1-09	600	1.5	40	
MOBILE TURNING BASIN	38.1	40.0	39.1	1-09	200-675	0.4	40	
BLAKELEY ISLAND REACH	36.6	28.5	26.6	3-09	500	1.0	40	
ST. LOUIS POINT REACH	19.8	24.7	20.4	8-07	500	0.2	25	
CHICKASAW CREEK CHANNEL	18.7	23.7	20.1	10-08	250	2.7	25	
ARLINGTON CHANNEL	14.4	15.7	14.8	11-08	150	1.4	27	
OCEAN TERMINAL TURNING BASIN	15.1	18.4	12.1	6-05	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	40.0	2-09	300	1.5	40	
TURNING BASIN	38.1	38.3	36.5	2-09	1400	0.3	40	
BARGE CHANNEL	1.1	1.5	6.4	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

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Chart 11377

NM 25/09

MOBILE BAY AND RIVER CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2009 AND SURVEYS TO 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)
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
THEODORE SHIP CHANNEL:							
BAY CUT	35.4	36.9	36.4	2-09	400	4.5	40

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

Chart 11378 (Side A)

NM 25/09

PENSACOLA HARBOR AND BAYOU CHICO CHANNELS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DEC 2006							
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)
PENSACOLA HARBOR							
BAY CHANNEL	33.0	33.0	A32.7	11-06	300	2.87	33
WEST CHANNEL	28.0	28.3	28.4	11-06	300	1.13	33
EAST CHANNEL	32.0	30.2	31.0	11-06	300	0.8	33
INNER HARBOR CHANNEL	28.2	28.6	27.8	11-06	500	0.65	33
BAYOU CHICO CHANNELS							
ENTRANCE CHANNEL	11.0	11.8	3.1	7-06	100	0.7	15
INNER CHANNEL	3.9	10.0	8.4	7-06	75	0.96	14
TURNING BASIN	6.0	9.1	7.1	7-06	500	-	14

A. EXCEPT FOR SHOALING TO 31 FEET ALONG THE CHANNEL EDGE BETWEEN BUOY 24 AND BUOY 26.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11380

NM 25/09

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)
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
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	A40.0	2-09	300	1.5	40
TURNING BASIN	38.1	38.3	36.5	2-09	1400	0.3	40
BARGE CHANNEL	1.1	1.5	6.4	4-09	100	1.1	12

A. ROCK OBSTRUCTIONS REPORTED FROM BUOY '20', CONTINUING FOR APPROXIMATELY 600 FEET EASTWARD.
MINIMUM DEPTH OVER ROCKS IS 38 FEET.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

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Chart 11383

NM 25/09

PENSACOLA HARBOR AND BAYOU CHICO CHANNELS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DEC 2006							
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)
PENSACOLA HARBOR							
BAY CHANNEL	33.0	33.0	A32.7	11-06	300	2.87	33
WEST CHANNEL	28.0	28.3	28.4	11-06	300	1.13	33
EAST CHANNEL	32.0	30.2	31.0	11-06	300	0.8	33
INNER HARBOR CHANNEL	28.2	28.6	27.8	11-06	500	0.65	33
BAYOU CHICO CHANNELS							
ENTRANCE CHANNEL	11.0	11.8	3.1	7-06	100	0.7	15
INNER CHANNEL	3.9	10.0	8.4	7-06	75	0.96	14
TURNING BASIN	6.0	9.1	7.1	7-06	500	-	14

A. EXCEPT FOR SHOALING TO 31 FEET ALONG THE CHANNEL EDGE BETWEEN BUOY 24 AND BUOY 26.
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11545

NM 25/09

MOREHEAD CITY HARBOR CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JAN 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)
BEAUFORT INLET CHANNEL NORTH OF 34° 39' 11.8" N, 76° 40' 30.3" W	32.7A	41.8	37.4	37.5B	1-09	450-800	2.26	47
CUTOFF CHANNEL	48.1	45.1	41.9	34.0C	1-09	600	0.38	42
MOREHEAD CITY CHANNEL	32.5	39.2	44.5	39.7	1-09	400	1.10	40
TURNING BASIN								
EAST LEG	40.5	40.8	39.6	38.6	10-08;1-09	400-870	0.78	40
WEST LEG	27.2	33.2	35.2	37.5D	10-08;1-09	800-3000	0.59	35

A. SHOALING TO 17.8 FEET IN THE LEFT HALF OF THE QUARTER BETWEEN 34° 40' 36.2" N AND 34° 40' 48.6" N.
 B. SHOALING TO 7.5 FEET FROM 34° 41' 09.0" N NORTHWARD TO CUTOFF CHANNEL.
 C. SHOALING TO 23.7 FEET BETWEEN 34° 41' 31.4" N, 76° 40' 04.4" W AND 34° 41' 35.4" N, 76° 40' 06.3" W.
 D. EXCEPT FOR AN OBSTRUCTION AT 34° 42' 53.1" N, 76° 41' 40.1" W.
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11547

NM 25/09

MOREHEAD CITY HARBOR CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JAN 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)
BEAUFORT INLET CHANNEL NORTH OF 34° 39' 11.8" N, 76° 40' 30.3" W	32.7A	41.8	37.4	37.5B	1-09	450-800	2.26	47
CUTOFF CHANNEL	48.1	45.1	41.9	34.0C	1-09	600	0.38	42
MOREHEAD CITY CHANNEL	32.5	39.2	44.5	39.7	1-09	400	1.10	40
TURNING BASIN								
EAST LEG	40.5	40.8	39.6	38.6	10-08;1-09	400-870	0.78	40
WEST LEG	27.2	33.2	35.2	37.5D	10-08;1-09	800-3000	0.59	35

A. SHOALING TO 17.8 FEET IN THE LEFT HALF OF THE QUARTER BETWEEN 34° 40' 36.2" N AND 34° 40' 48.6" N.
 B. SHOALING TO 7.5 FEET FROM 34° 41' 09.0" N NORTHWARD TO CUTOFF CHANNEL.
 C. SHOALING TO 23.7 FEET BETWEEN 34° 41' 31.4" N, 76° 40' 04.4" W AND 34° 41' 35.4" N, 76° 40' 06.3" W.
 D. EXCEPT FOR AN OBSTRUCTION AT 34° 42' 53.1" N, 76° 41' 40.1" W.
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SECTION I

NM 25/09

Chart 14848 (Left Panel)

NM 25/09

DETROIT RIVER CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS AND PUBLIC WORKS CANADA - SURVEYS TO NOV 2008								
CONTROLLING DEPTHS FROM LAKE ERIE 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 (MILES)	DEPTH LWD (FEET)
FIGHTING ISLAND CHANNEL	20.3	28.5	27.2	24.4	10-06	800	4.7	28.5
BALLARDS REEF CHANNEL	21.0	26.5	26.9	26.0A	6-06;5-07;7-08	600	3.5	27.5
LIVINGSTONE CHANNEL FROM LT "D77" TO 42°05'35"N 83°07'45"W	21.6B	27.0	27.2	23.0C	5-07;10,11-08	450	3.1	27.7
LIVINGSTONE CHANNEL FROM 42°05'35"N 83°07'45"W TO 42°04'07"N 83°07'56"W	18.0	26.9	27.0	22.5	10-08	450	1.7	27.7
LIVINGSTONE CHANNEL FROM 42°04'07"N 83°07'56"W TO 42°03'08"N 83°08'05"W	21.2	26.9	26.2	22.0	4-07;8-08	450-800	1.1	27.7
LIVINGSTONE CHANNEL FROM 42°03'08"N 83°08'05"W TO LT "D30"	22.7	28.3	28.9	17.6	4,5-07	800	1.7	29.0
AMHERSTBURG CHANNEL FROM LT "D71" TO LT BUOY "D56"	26.9D	23.1	26.3	17.5	4,5-07	600	2.4	RT HALF 21.0 LT HALF 27.5
AMHERSTBURG CHANNEL FROM LT BUOY "D56" TO LT "D30"	28.1E	21.4	19.7	19.9	4,5-07	600-700	4.5	RT HALF 21.0 LT HALF 28.5
LIVINGSTONE CHANNEL FROM LT "D30" TO 42°00'20"N 83°08'25"W	22.2	27.7	28.9	26.8	5-05; 6-06;5-07	1200	1.5	29.0
EAST OUTER CHANNEL	23.1	28.5	28.5	24.1	5-91;7-08	1200	7.5	28.5
WEST OUTER CHANNEL	F	F	F	F	1987	800	4	22.0

A. SHOALING TO 13.3 FEET IN THE OUTSIDE 50 FEET OF QUARTER
 B. SHOALING TO 10.4 FEET IN THE OUTSIDE 30 FEET OF THE U.S. PORTION OF QUARTER
 C. SHOALING TO 7.1 FEET IN THE OUTSIDE 30 FEET OF THE U.S. PORTION OF QUARTER
 D. SHOALING TO 11.9 FEET IN THE OUTSIDE 40 FEET OF QUARTER
 E. SHOALING TO 23.3 FEET IN THE OUTSIDE 40 FEET OF QUARTER
 F. NOT SURVEYED RECENTLY

NOTE: CONSULT THE U.S. ARMY CORPS OF ENGINEERS FOR SUBSEQUENT CHANGES IN U.S. WATERS AND THE CANADIAN HYDROGRAPHIC SERVICE FOR CHANGES IN CANADIAN WATERS

Chart 14853 (Page 1)

NM 25/09

DETROIT RIVER CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS AND PUBLIC WORKS CANADA - SURVEYS TO NOV 2008								
CONTROLLING DEPTHS FROM LAKE ERIE 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 (MILES)	DEPTH LWD (FEET)
FIGHTING ISLAND CHANNEL	20.3	28.5	27.2	24.4	10-06	800	4.7	28.5
BALLARDS REEF CHANNEL	21.0	26.5	26.9	26.0A	6-06;5-07;7-08	600	3.5	27.5
LIVINGSTONE CHANNEL FROM LT "D77" TO 42°05'35"N 83°07'45"W	21.6B	27.0	27.2	23.0C	5-07;10,11-08	450	3.1	27.7
LIVINGSTONE CHANNEL FROM 42°05'35"N 83°07'45"W TO 42°04'07"N 83°07'56"W	18.0	26.9	27.0	22.5	10-08	450	1.7	27.7
LIVINGSTONE CHANNEL FROM 42°04'07"N 83°07'56"W TO 42°03'08"N 83°08'05"W	21.2	26.9	26.2	22.0	4-07;8-08	450-800	1.1	27.7
LIVINGSTONE CHANNEL FROM 42°03'08"N 83°08'05"W TO LT "D30"	22.7	28.3	28.9	17.6	4,5-07	800	1.7	29.0
AMHERSTBURG CHANNEL FROM LT "D71" TO LT BUOY "D56"	26.9D	23.1	26.3	17.5	4,5-07	600	2.4	RT HALF 21.0 LT HALF 27.5
AMHERSTBURG CHANNEL FROM LT BUOY "D56" TO LT "D30"	28.1E	21.4	19.7	19.9	4,5-07	600-700	4.5	RT HALF 21.0 LT HALF 28.5
LIVINGSTONE CHANNEL FROM LT "D30" TO 42°00'20"N 83°08'25"W	22.2	27.7	28.9	26.8	5-05; 6-06;5-07	1200	1.5	29.0

A. SHOALING TO 13.3 FEET IN THE OUTSIDE 50 FEET OF QUARTER
 B. SHOALING TO 10.4 FEET IN THE OUTSIDE 30 FEET OF THE U.S. PORTION OF QUARTER
 C. SHOALING TO 7.1 FEET IN THE OUTSIDE 30 FEET OF THE U.S. PORTION OF QUARTER
 D. SHOALING TO 11.9 FEET IN THE OUTSIDE 40 FEET OF QUARTER
 E. SHOALING TO 23.3 FEET IN THE OUTSIDE 40 FEET OF QUARTER

NOTE: CONSULT THE U.S. ARMY CORPS OF ENGINEERS FOR SUBSEQUENT CHANGES IN U.S. WATERS AND THE CANADIAN HYDROGRAPHIC SERVICE FOR CHANGES IN CANADIAN WATERS

SECTION I

NM 25/09

Chart 18453

NM 25/09

BLAIR WATERWAY							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 2007							
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)
COMMENCEMENT BAY TO POINT AT: 47°16'22.89"N/122°24'18.87"W	51.0A	50.0	50.0	10-00, 3-01, 7-07	343 - 520	0.7	51
THENCE TO: 47°16'14.99"N/122°24'06.20"W	51.0	49.0	51.0	2-01	320 - 343	0.2	51
THENCE TO: 47°15'56.57"N/122°23'36.36"W	51.0	51.0	51.0	10,11-00	330 - 520	0.5	51
THENCE TO TURNING BASIN	51.0	51.0	51.0	10,11-00	330	0.8	51
TURNING BASIN	51.0	51.0	51.0	11-00	330 - 1800	0.4	51
A. EXCEPT FOR A 48 FT OBSTRUCTION AT 47°16'38.7"N/122°24'38.6"W							
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							