Chart 53082 (A) NM 11/09

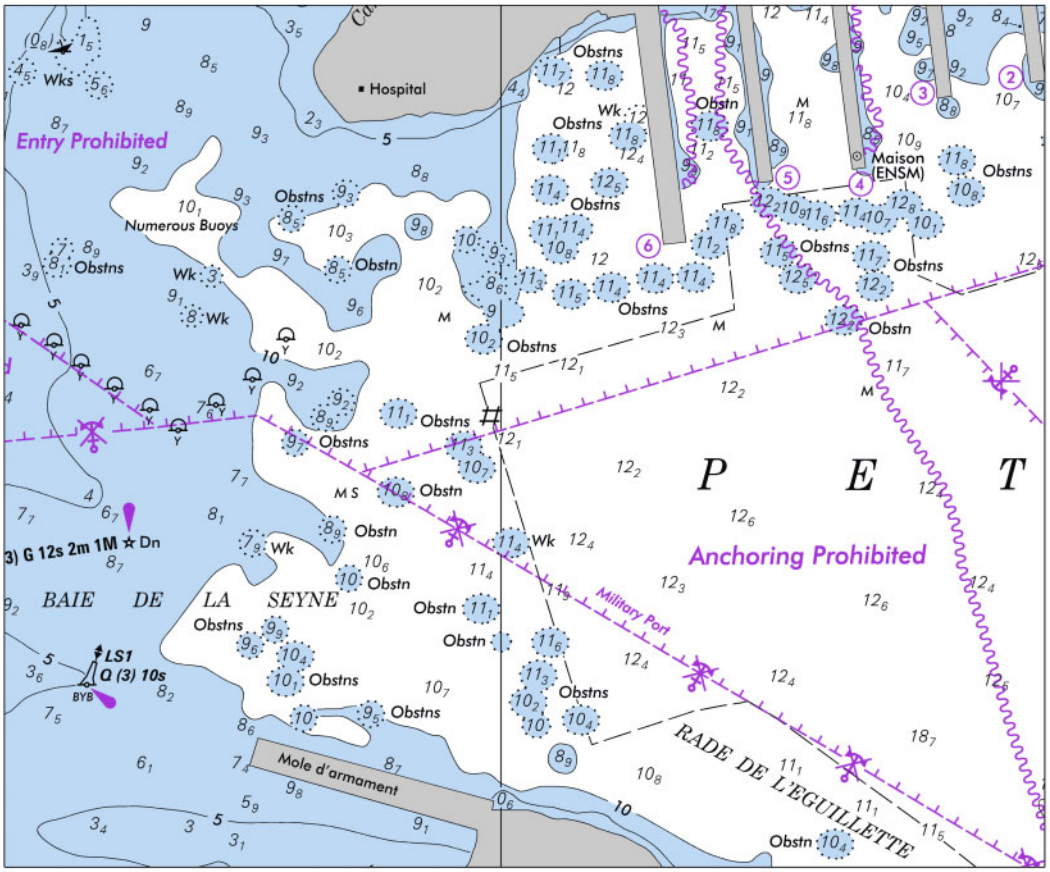

Chart 53082 (B) NM 11/09

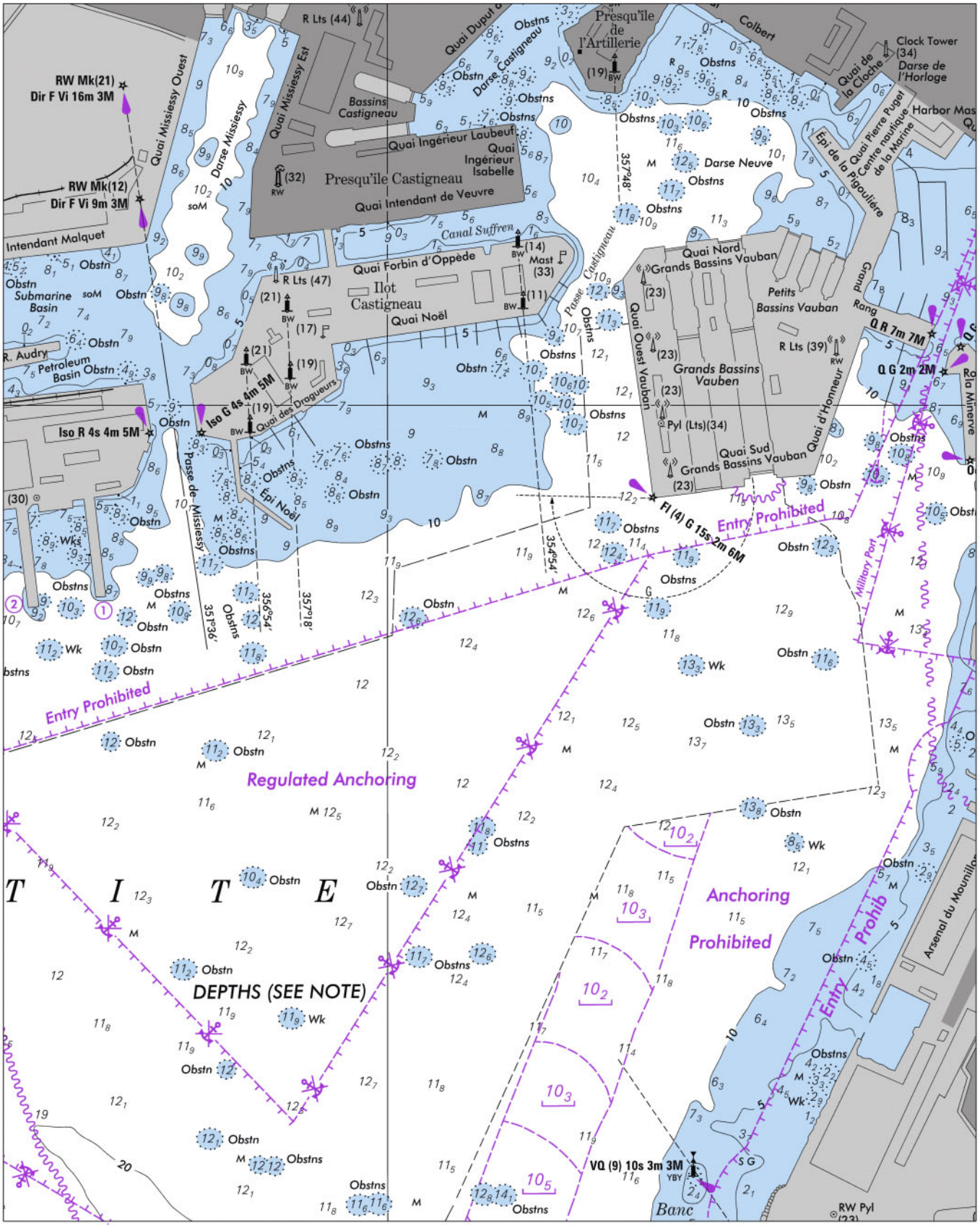

Chart 11376 NM 11/09

MOBILE BAY AND RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOV 2008 AND SURVEYS TO NOV 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)
ENTRANCE CHANNEL	44.7	46.8	42.0	7-08	600	7.0	47
MOBILE BAY:							
LOWER REACH (TO LIGHT 50)	41.5	43.5	42.0	9-08	400	11.8	45
UPPER REACH	41.4	44.4	39.0	9-08	400	13.4	40-45
MOBILE RIVER:							
PINTO ISLAND REACH	35.2	39.8	32.3	7-08	700-800	0.6	40
MOBILE CHANNEL	32.7	39.4	37.6	7-08	600	1.5	40
MOBILE TURNING BASIN	38.5	C40.0	40.0	7-08	200-675	0.4	40
BLAKELEY ISLAND REACH	A38.5	31.4	28.9	7-08	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	34.5	37.9	35.3	9-08	400	4.5	40
ANCHORAGE AREA	37.4	38.7	39.6	6-07	300	0.2	40
LAND CUT	35.5	38.1	B36.7	9-08	300	1.5	40
TURNING BASIN	39.1	40.7	36.0	6-07	1400	0.3	40
BARGE CHANNEL	1.1	4.7	8.1	4-08	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 11377 NM 11/09

MOBILE BAY AND RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOV 2008 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)
ENTRANCE CHANNEL	44.7	46.8	42.0	7-08	600	7.0	47
MOBILE BAY:							
LOWER REACH (TO LIGHT 50)	41.5	43.5	42.0	9-08	400	11.8	45
UPPER REACH	41.4	44.4	39.0	9-08	400	13.4	40-45
THEODORE SHIP CHANNEL:							
BAY CUT	34.5	37.9	35.3	9-08	400	4.5	40

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

Chart 11380 NM 11/09

MOBILE BAY AND RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOV 2008 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)
MOBILE BAY:							
LOWER REACH (TO LIGHT 50)	41.5	43.5	42.0	9-08	400	11.8	45
UPPER REACH	41.4	44.4	39.0	9-08	400	13.4	40-45
THEODORE SHIP CHANNEL:							
BAY CUT	34.5	37.9	35.3	9-08	400	4.5	40
ANCHORAGE AREA	37.4	38.7	39.6	6-07	300	0.2	40
LAND CUT	35.5	38.1	A36.7	9-08	300	1.5	40
TURNING BASIN	39.1	40.7	36.0	6-07	1400	0.3	40
BARGE CHANNEL	1.1	4.7	8.1	4-08	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

Chart 12253 NM 11/09

ELIZABETH RIVER SOUTHERN BRANCH CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO FEB 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)
N&W RAILWAY LIFT BRIDGE REACH	36.4	35.8	34.0	2-08	200-500	0.2	35
GILMERTON BRIDGE REACH	35.3	35.5	34.6	2-08	250-500	2.1	35
ST. JULIANS CREEK TURNING BASIN		37.1		2-08	150	0.1	35
GILMERTON BRIDGE REACH TO END OF NEWTON CREEK TURNING BASIN	34.5	34.9	34.8	2-08	300	0.4	35
NEWTON CREEK TURNING BASIN LEFT AND RIGHT WIDENERS ONLY	35.2		35.2	2-08	175	0.1	35
END OF NEWTON CREEK TURNING BASIN TO UPSTREAM LIMIT	27.0	27.2	25.7	2-08	250	1.3	35
MAINS CREEK TURNING BASIN		26.7		2-08	550	0.3	35

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

Chart 14848 (Left Panel)

NM 11/09

DETROIT RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS AND PUBLIC WORKS CANADA - SURVEYS TO SEP 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	19.7B	26.6	27.1	22.1C	5-07;8,9-08	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	12.3	27.0	27.1	17.9	8-08	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 6.3 FEET IN THE OUTSIDE 30 FEET OF THE U.S. PORTION OF QUARTER
C. SHOALING TO 4.5 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 11)

NM 11/09

RIVER ROUGE CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO SEP 2008

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GREAT LAKES LOW WATER DATUM (LWD)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH LWD (FEET)
SHORT CUT CANAL ENTRANCE TO WEST JEFFERSON AVE. BRIDGE	18.2	22.1	17.2	5-08	100-400	1.08	21
WEST JEFFERSON AVE. BRIDGE TO I-75 BRIDGE	14.6	20.8	15.9	5-08	100-200	.74	21
I-75 BRIDGE TO DIX AVE. BRIDGE	13.8	20.6	15.3	9-08	100-200	.91	21
DIX AVE. BRIDGE TO END	20.1	13.4	16.7	9-08	100-800	.25	21
OLD CHANNEL ENTRANCE TO 42°17'19.9"N 83°06'27.5"W	24.7	23.9	18.2	6-05	100-300	.25	25
42°17'19.9"N 83°06'27.5"W TO 42°17'23.2"N 83°06'46.0"W	16.9	18.7	4.6	6-05	100	.27	18
42°17'23.2"N 83°06'46.0"W TO RR SWING BRIDGE	14.5	18.7	11.5	5-04,6-05	100	.29	17
RR SWING BRIDGE TO SHORT CUT CANAL	13.2	15.4	12.5	5-04,5-07,5-08	100-600	.76	17

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

Chart 14854

NM 11/09

DETROIT RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS AND PUBLIC WORKS CANADA - SURVEYS TO JUL 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

A. SHOALING TO 13.3 FEET IN THE OUTSIDE 50 FEET OF QUARTER

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