

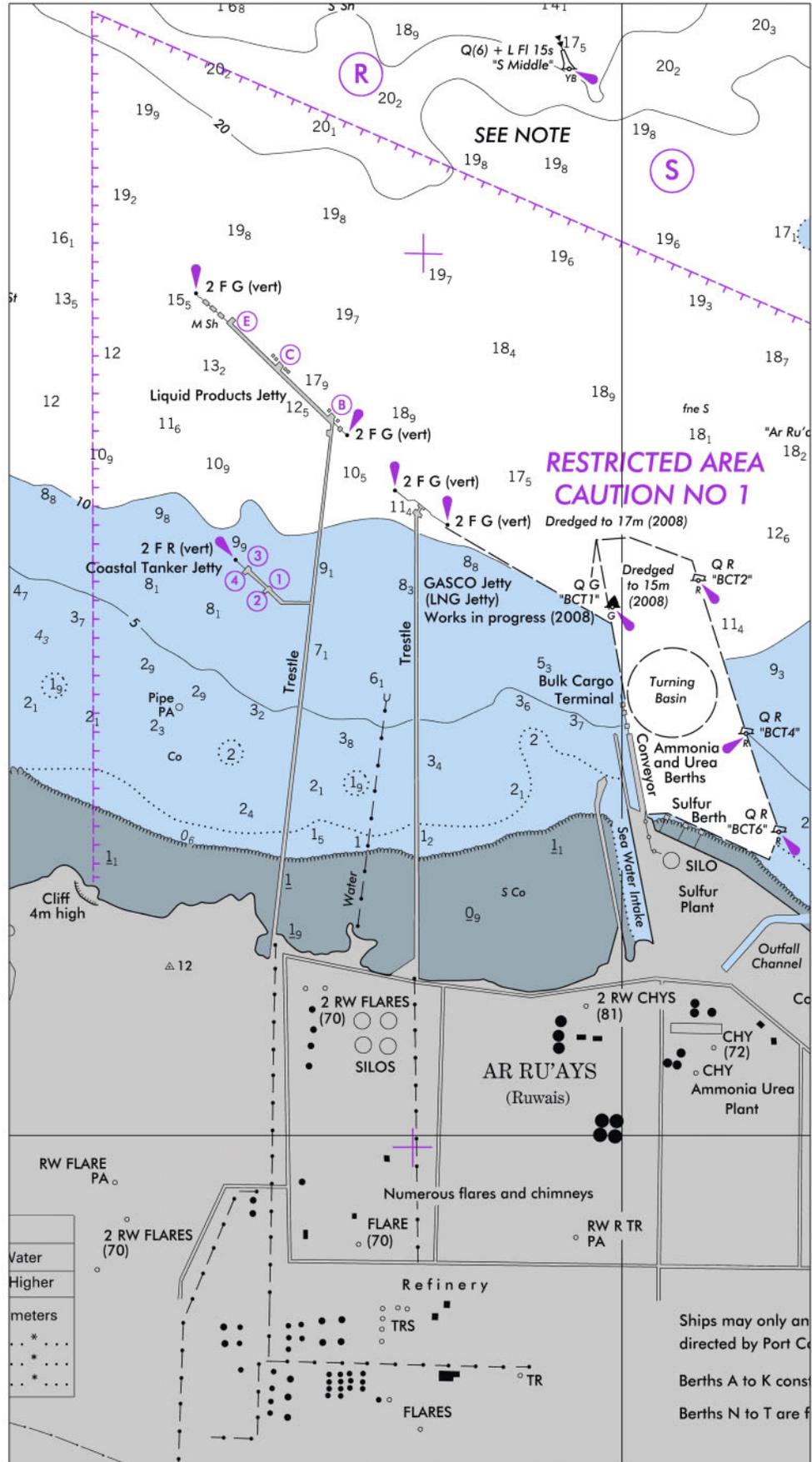
SECTION I

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Chart 62404

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Chart 11477

NM N18/09

PORT CANAVERAL CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2005 AND SURVEYS TO OCT 2008								
CONTROLLING DEPTHS FROM SEAWARD IN METERS 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 (METERS)	LENGTH (NAUT. MILES)	DEPTH MLLW (METERS)
OUTER REACH	12.7	12.8	12.7	12.5	8-08	121	4.7	A13.4
MIDDLE REACH	12.8	12.8	12.9	13.0	7-08	121	0.9	A13.4
INNER REACH	11.9	12.6	12.2	11.2	2-06; 10-08	121	0.7	A13.4
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 11478

NM 18/09

PORT CANAVERAL CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2005 AND SURVEYS TO OCT 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 (NAUT. MILES)	DEPTH MLLW (FEET)
OUTER REACH	41.6	41.8	41.6	40.3	8-08	400	4.7	44
MIDDLE REACH	41.9	42.1	42.4	42.5	7-08	400	0.9	44
INNER REACH	38.7	41.5	40.2	37.0	2-06; 10-08	400	0.7	40
WEST ACCESS CHANNEL (EAST PORTION)	39.9	40.3	40.7	38.6	10-04	400	0.3	39
WEST ACCESS CHANNEL (WEST PORTION)	32.8	33.7	35.0	34.6	10-04	400	0.3	31
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 11481

NM 18/09

PORT CANAVERAL CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2005 AND SURVEYS TO OCT 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 (NAUT. MILES)	DEPTH MLLW (FEET)
OUTER REACH	41.6	41.8	41.6	40.3	8-08	400	4.7	44
MIDDLE REACH	41.9	42.1	42.4	42.5	7-08	400	0.9	44
INNER REACH	38.7	41.5	40.2	37.0	2-06; 10-08	400	0.7	40
WEST ACCESS CHANNEL (EAST PORTION)	39.9	40.3	40.7	38.6	10-04	400	0.3	39
WEST ACCESS CHANNEL (WEST PORTION)	32.8	33.7	35.0	34.6	10-04	400	0.3	31
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

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NM 18/09

Chart 11505

NM 18/09

SAVANNAH RIVER CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF 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)
TYBEE RANGE	43.0	43.0	44.0	43.0	01-09	600	3.3	44
BLOODY POINT RANGE	42.0	43.5	43.5	41.5	01-09	600	3.0	44
JONES ISLAND RANGE	43.5	42.0	43.5	44.5	01-09	600	1.2	44
TYBEE KNOLL CUT RANGE	45.0	44.0	42.5	45.0	01-09	500	2.5	42

NOTE: AT MEAN HIGH WATER, DEPTHS ARE ABOUT 7 FEET GREATER AT LOWER END OF THE HARBOR AND 7.7 FEET GREATER AT UPPER END OF HARBOR.
NOTE: FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 75 FEET INSIDE THE CHANNEL LIMITS.
NOTE- CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11506

NM 18/09

BRUNSWICK HARBOR CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JAN 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)
BAR CHANNEL (ST SIMON RANGE)	A29.0	A32.0	30.0	12-08	500	7.7	38
PLANTATION CREEK RANGE	36.0	39.0	38.0	12-08	400	1.8	36
JEKYLL ISLAND RANGE	38.0	37.5	36.0	12-08	400	1.9	36
CEDAR HAMMOCK RANGE	37.0	34.0	31.0	12-08	400	1.4	36
BRUNSWICK PT CUT RANGE	36.0	37.0	36.0	12-08	400	2.4	36
EAST RIVER LOWER REACH	B35.0	34.0	34.0	12-08	400	1.1	37-41
UPPER REACH	C37.0	37.0	38.0	12-08	350	1.0	36
EAST RIVER TURNING BASIN	37.0	35.0	35.0	12-08	750	0.2	30
TURTLE RIVER LOWER RANGE	36.0	37.0	36.0	12-08	300	1.7	36
BLYTHE ISLAND RANGE	30.0	26.0	25.0	12-08	300	1.5	30
TURTLE RIVER UPPER RANGE	27.0	28.0	26.0	12-08	300	2.7	30
SOUTH BRUNSWICK RIVER	36.0	37.0	36.0	12-08	400	1.3	36

A. EXCEPT FOR A 35 FT OBSTRUCTION LOCATED BY A NOS SURVEY OF JUL 2006 AT 31°04'15.5"N, 081°16'57.4"W.
B. THE EAST RIVER, LOWER REACH WIDENER LEAST DEPTHS WERE 34.0 FEET, LOCATED 50 FEET INSIDE THE CHANNEL LIMIT, AND 35.0 FEET, LOCATED 150 FEET INSIDE THE CHANNEL LIMIT FROM THE LEFT SIDE.
C. EXCEPT FOR A DANGEROUS WRECK LOCATED IN APPROXIMATE POSITION 31°08'49.8"N, 81°29'59.3"W.
NOTE - FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 50 FEET INSIDE THE CHANNEL LIMITS. (EXCEPT FOR THE EAST RIVER TURNING BASIN)
NOTE- CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

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Chart 11512

NM 18/09

SAVANNAH RIVER CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF 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)
TYBEE RANGE	43.0	43.0	44.0	43.0	01-09	600	3.3	44
BLOODY POINT RANGE	42.0	43.5	43.5	41.5	01-09	600	3.0	44
JONES ISLAND RANGE	45.0	43.0	42.5	45.0	01-09	600	1.2	44
TYBEE KNOLL CUT RANGE	45.0	44.0	42.5	45.0	01-09	500	2.5	42
NEW CHANNEL RANGE (A)	40.5	42.0	42.0	40.0	01-09	500	1.6	42
L. I. CROSSING RANGE	40.5	42.0	42.0	42.0	01-09	500	2.6	42
LOWER FLATS RANGE	44.5	44.5	44.0	41.5	01-09	500	1.3	42
UPPER FLATS RANGE	43.0	44.5	45.0	43.0	01-09	500	1.2	42
THE BIGHT CHANNEL	44.0	46.0	46.0	46.0	01-09	500	1.5	42
FT. JACKSON RANGE	44.0	46.5	47.0	41.5	01-09	500	0.7	42
OGLETHORPE RANGE	41.0	46.0	45.0	44.5	01-09	500	1.2	42
WRECKS CHANNEL (B)	41.5	45.5	45.0	45.5	01-09	500	1.5	42
CITY FRONT CHANNEL	43.0	44.0	45.0G	39.5	01-09	500	1.5	42
MARSH ISLAND CHANNEL (C)	40.0H	42.0	44.0	42.0	01-09	500	1.7	42
KINGS ISLAND CHANNEL (D)	39.5	41.5	40.0	41.5I	01-09	500	2.1	42
WHITEHALL CHANNEL (E)	28.0	29.0	32.0	32.0	01-09	400	0.6	42-36
PORT WENTWORTH CHANNEL (F)	30.0J	30.0	32.0	32.0	12-94; 01-09	200	1.2	30

A. OYSTER BED I. TURNING BASIN-CONTROLLING DEPTH 43.0 FT, 36.5 FT 100 FT FROM BACKSIDE.
 B. FIG ISLAND TURNING BASIN-CONTROLLING DEPTH 38.0 FT, 26.5 FT 100 FT FROM BACKSIDE.
 C. MARSH ISLAND TURNING BASIN-CONTROLLING DEPTH 35.0 FT, 29.5 FT 100 FT FROM BACKSIDE.
 D. KINGS ISLAND TURNING BASIN-CONTROLLING DEPTH 40.0 FT, 37.0 FT 100 FT FROM BACKSIDE.
 E. ARGYLE ISLAND TURNING BASIN-CONTROLLING DEPTH 32.5 FT 100 FT FROM BACKSIDE.
 F. PORT WENTWORTH TURNING BASIN-CONTROLLING DEPTH 31.0 FT, 21.0 FT 100 FT FROM BACKSIDE.
 G. EXCEPT FOR A 41 FOOT OBSTRUCTION LOCATED BY AN NOS SURVEY AT 32°05'00.06"N 81°05'27.07"W
 H. EXCEPT FOR A 39 FOOT OBSTRUCTION LOCATED BY AN NOS SURVEY AT 32°05'18.29"N 81°05'58.99"W
 I. EXCEPT FOR A 38 FOOT OBSTRUCTION LOCATED BY AN NOS SURVEY AT 32°07'27.45"N 81°08'02.29"W
 J. EXCEPT FOR A 31 FOOT OBSTRUCTION LOCATED BY AN NOS SURVEY AT 32°09'15.04"N 81°09'11.46"W

NOTE: AT MEAN HIGH WATER, DEPTHS ARE ABOUT 7 FEET GREATER AT LOWER END OF THE HARBOR AND 7.7 FEET GREATER AT UPPER END OF HARBOR.
 NOTE: FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 75 FEET INSIDE THE CHANNEL LIMITS.
 NOTE: CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11514 (Side A)

NM 18/09

SAVANNAH RIVER CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF 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)
OGLETHORPE RANGE	41.0	46.0	45.0	44.5	01-09	500	1.2	42
WRECKS CHANNEL (A)	41.5	45.5	45.0	45.5	01-09	500	1.5	42
CITY FRONT CHANNEL	43.0	44.0	45.0F	39.5	01-09	500	1.5	42
MARSH ISLAND CHANNEL (B)	40.0G	42.0	44.0	42.0	01-09	500	1.7	42
KINGS ISLAND CHANNEL (C)	39.5	41.5	40.0	41.5H	01-09	500	2.1	42
WHITEHALL CHANNEL (D)	27.5	29.0	32.0	32.0	01-09	400	0.6	42-36
PORT WENTWORTH CHANNEL (E)	30.0I	30.0	32.0	32.0	12-94; 01-09	200	1.2	30

A. FIG ISLAND TURNING BASIN-CONTROLLING DEPTH 38.0 FT, 26.5 FT 100 FT FROM BACKSIDE.
 B. MARSH ISLAND TURNING BASIN-CONTROLLING DEPTH 35.0 FT, 29.5 FT 100 FT FROM BACKSIDE.
 C. KINGS ISLAND TURNING BASIN-CONTROLLING DEPTH 40.0 FT, 37.0 FT 100 FT FROM BACKSIDE.
 D. ARGYLE ISLAND TURNING BASIN-CONTROLLING DEPTH 32.5 FT 100 FT FROM BACKSIDE.
 E. PORT WENTWORTH TURNING BASIN-CONTROLLING DEPTH 31.0 FT, 21.0 FT 100 FT FROM BACKSIDE.
 F. EXCEPT FOR A 41 FOOT OBSTRUCTION LOCATED BY AN NOS SURVEY AT 32°05'00.06"N 81°05'27.07"W
 G. EXCEPT FOR A 39 FOOT OBSTRUCTION LOCATED BY AN NOS SURVEY AT 32°05'18.29"N 81°05'58.99"W
 H. EXCEPT FOR A 38 FOOT OBSTRUCTION LOCATED BY AN NOS SURVEY AT 32°07'27.45"N 81°08'02.29"W
 I. EXCEPT FOR A 31 FOOT OBSTRUCTION LOCATED BY AN NOS SURVEY AT 32°09'15.04"N 81°09'11.46"W

NOTE: AT MEAN HIGH WATER, DEPTHS ARE ABOUT 7 FEET GREATER AT LOWER END OF THE HARBOR AND 7.7 FEET GREATER AT UPPER END OF HARBOR.
 NOTE: FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 75 FEET INSIDE THE CHANNEL LIMITS.
 NOTE: CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SECTION I

NM 18/09

Chart 12273

NM 18/09

BALTIMORE HARBOR CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 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 (NAUT. MILES)	DEPTH MLLW (FEET)
CRAIGHILL ENTRANCE	47.9	50.7	50.4	50.1	3-08	700	3.09	50
CRAIGHILL CHANNEL	50.0	50.6	50.7	49.7	3-05	700	2.80	50
CRAIGHILL ANGLE	49.7	50.0	50.2	49.2	3-08	700-1870	1.55	50
CRAIGHILL CHANNEL UPPER RANGE	47.7	50.9	50.5	48.4	4-08	700	2.11	50
CUTOFF ANGLE	47.9	49.6	49.3	47.5	5-02	700-1740	0.86	50
BREWERTON CHANNEL	48.2	50.8	50.5	48.7	6-00;1-01	700	3.06	50
EASTERN EXTENSION	34.9	34.6	32.3	31.9	5-02	600	5.02	35
SWAN POINT CHANNEL	33.5	35.9	35.8	34.3	4-01;8-02	600	2.71	35
TOLCHESTER CHANNEL	32.9	34.4	34.9	34.1	4,5-05	600	6.47	35

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

Chart 12278

NM 18/09

BALTIMORE HARBOR CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 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 (NAUT. MILES)	DEPTH MLLW (FEET)
CRAIGHILL ENTRANCE	47.9	50.7	50.4	50.1	3-08	700	3.09	50
CRAIGHILL CHANNEL	50.0	50.6	50.7	49.7	3-05	700	2.80	50
CRAIGHILL ANGLE	49.7	50.0	50.2	49.2	3-08	700-1870	1.55	50
CRAIGHILL CHANNEL UPPER RANGE	47.7	50.9	50.5	48.4	4-08	700	2.11	50
CUTOFF ANGLE	47.9	49.6	49.3	47.5	5-02	700-1740	0.86	50
BREWERTON CHANNEL	48.2	50.8	50.5	48.7	6-00;1-01	700	3.06	50
BREWERTON ANGLE	47.5	50.1	49.4	48.4	10-00;1,2-01	700-1460	0.79	50
FORT MCHENRY CHANNEL	47.4	50.0	50.3	48.7	6-03; 3-06; 8-07	700	3.77	50
FORT MCHENRY CHANNEL								
TURNING BASIN	50.6	50.8	49.6	49.7	8-03; 8-07	1200	0.20	50
CURTIS BAY CHANNEL	48.8	48.8	48.9	47.4	3,5-05	400-1275	1.96	50
BREWERTON CHANNEL								
EASTERN EXTENSION	34.9	34.6	32.3	31.9	5-02	600	5.02	35
SWAN POINT CHANNEL	33.5	35.9	35.8	34.3	4-01;8-02	600	2.71	35
TOLCHESTER CHANNEL	32.9	34.4	34.9	34.1	4,5-05	600	6.47	35

A. EXCEPT FOR SHOALING TO 34.4 FT AT 39° 12' 16.5" N 76° 31' 00.1" W
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 12282

NM 18/09

BALTIMORE HARBOR CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAR 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 (NAUT. MILES)	DEPTH MLLW (FEET)
CRAIGHILL ENTRANCE	47.9	50.7	50.4	50.1	3-08	700	3.09	50
CRAIGHILL CHANNEL	50.0	50.6	50.7	49.7	3-05	700	2.80	50

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

SECTION I

NM 18/09

Chart 12311

NM 18/09

CHRISTINA RIVER CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JAN 2009							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT CHRISTINA RIVER DATUM					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT MILES)	DEPTH (FEET)
ENTRANCE CHANNEL TO THE UPPER END OF THE TURNING BASIN	29.5	30.3	35.6	1-09	500-340	0.70	38
THENCE TO THE LOBDELL CANAL	34.3	34.1	33.5	1-09	400	0.33	35
TURNING BASIN (OPPOSITE TERMINAL WHARF)	35.8	34.3	33.3	1-09	320	0.34	38
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

Chart 12312

NM 18/09

CHRISTINA RIVER CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JAN 2009							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT CHRISTINA RIVER DATUM					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT MILES)	DEPTH (FEET)
ENTRANCE CHANNEL TO THE UPPER END OF THE TURNING BASIN	29.5	30.3	35.6	1-09	500-340	0.70	38
THENCE TO THE LOBDELL CANAL	34.3	34.1	33.5	1-09	400	0.33	35
TURNING BASIN (OPPOSITE TERMINAL WHARF)	35.8	34.3	33.3	1-09	320	0.34	38
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							