

SECTION I

NM 21/12

Chart 11376

NM 21/12

MOBILE BAY AND RIVER CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JAN 2012 AND SURVEYS TO JAN 2012							
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)
MOBILE BAR CHANNEL	43.5	47.0	44.9	10-11	600	8.1	47
MOBILE BAY:							
LOWER BAY (TO LIGHT 50)	42.4A	44.6	41.7	11,12-11;01-12	400	13.3	45
UPPER BAY	40.3	43.6	39.9	01-12	400-500	15.4	45
UPPER BAY TURNING BASIN	44.7	44.3	44.3	01-12	VARIES	0.4	45
MOBILE RIVER:							
PINTO ISLAND REACH	32.9	39.0	40.0	12-11	700-775	0.8	40-45
MOBILE CHANNEL	34.2B	39.6	37.0	12-11	600	1.8	40
MOBILE TURNING BASIN	40.0	40.0C	38.3D	12-11	740-1000	0.6	40
BLAKELEY ISLAND REACH	40.0EF	39.0G	35.9H	12-11	500-1000	1.4	40
ST. LOUIS POINT REACH	18.2	24.8	21.2I	05-10	500	0.2	25
CHICKASAW CREEK CHANNEL	16.9	23.3	20.9J	09-11	250	3.0	25
ARLINGTON CHANNEL	13.0	13.3	12.5	01-12	150	1.7	27
GARROWS BEND CHANNEL	4.7	4.6	4.9	09-11	150	1.3	27
OCEAN TERMINAL TURNING BASIN	14.8	15.3	12.3	11-08	600	0.1	27
THEODORE SHIP CHANNEL:							
BAY CUT	33.8K	36.7	33.2	10-11	400	5.3	40
ANCHORAGE AREA	37.4	38.8	39.5	10-11	300	0.2	40
LAND CUT	36.6	39.5	39.5	10-11	300	1.7	40
TURNING BASIN	40.0L	37.8M	35.6N	10-11	1400	0.3	40
BARGE CHANNEL	9.9O	11.2	10.5	11-11	100	1.3	12

A. EXCEPT FOR SHOALING TO 40.8 FEET IN BEND WIDENING AREA.
 B. EXCEPT FOR A DANGEROUS WRECK AT 30°40'54.00"N 88°02'14.02"W.
 C. EXCEPT FOR A 20 FOOT OBSTRUCTION AT 30°42'37.89"N 88°02'19.00"W.
 D. EXCEPT FOR SHOALING TO 36.4 FEET IN BEND WIDENING AREA.
 E. EXCEPT FOR SHOALING TO 38.2 FEET WITHIN 150 FEET OF THE COCHRAN BRIDGE.
 F. EXCEPT FOR A DANGEROUS WRECK AT 30°43'26.98"N 88°02'33.01"W.
 G. EXCEPT FOR SHOALING TO 29.0 FEET WITHIN 150 FEET OF THE COCHRAN BRIDGE.
 H. EXCEPT FOR SHOALING TO 28.4 FEET WITHIN 150 FEET OF THE COCHRAN BRIDGE.
 I. EXCEPT FOR SHOALING TO 20.1 FEET IN BEND WIDENING AREA.
 J. EXCEPT FOR SHOALING TO 20.3 FEET WITHIN 100 FEET OF THE FAR NORTH END OF PROJECT.
 K. EXCEPT FOR SHOALING TO 33.6 FEET IN BEND WIDENING AREA.
 L. EXCEPT FOR SHOALING TO 37.2 FEET AT WESTERN END.
 M. EXCEPT FOR SHOALING TO 36.9 FEET AT WESTERN END.
 N. EXCEPT FOR SHOALING TO 33.9 FEET AT WESTERN END.
 O. EXCEPT FOR SHOALING TO 9.5 FEET IN TURNING BASIN.
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11377

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MOBILE BAY AND RIVER CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JAN 2012 AND SURVEYS TO JAN 2012							
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)
MOBILE BAR CHANNEL	43.5	47.0	44.9	10-11	600	8.1	47
MOBILE BAY:							
LOWER BAY (TO LIGHT 50)	42.4A	44.6	41.7	11,12-11;1-12	400	13.3	45
UPPER BAY	40.3	43.6	39.9	1-12	400	15.4	45
THEODORE SHIP CHANNEL:							
BAY CUT	33.8B	36.7	33.2	10-11	400	5.3	40

A. EXCEPT FOR SHOALING TO 40.8 FEET IN BEND WIDENING AREA.
 B. EXCEPT FOR SHOALING TO 33.6 FEET IN BEND WIDENING AREA.
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11380

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MOBILE BAY AND RIVER CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JAN 2012 SURVEYS TO JAN 2012								
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)	
MOBILE BAY:								
LOWER BAY (TO LIGHT 50)	42.4A	44.6	41.7	11,12-11;1-12	400	13.3	45	
UPPER BAY	40.3	43.6	39.8	1-12	400	15.4	45	
THEODORE SHIP CHANNEL:								
BAY CUT	33.8B	36.7	33.2	10-11	400	5.3	40	
ANCHORAGE AREA	37.4	38.8	39.5	10-11	300	0.2	40	
LAND CUT	36.6	39.5	39.5	10-11	300	1.7	40	
TURNING BASIN	40.0C	37.8D	35.6E	10-11	1400	0.3	40	
BARGE CHANNEL	9.9F	11.2	10.5	11-11	100	1.3	12	
<p>A. EXCEPT FOR SHOALING TO 40.8 FEET IN THE BEND WIDENING AREA.</p> <p>B. EXCEPT FOR SHOALING TO 33.6 FEET IN BEND WIDENING AREA.</p> <p>C. EXCEPT FOR SHOALING TO 37.2 FEET AT WESTERN END.</p> <p>D. EXCEPT FOR SHOALING TO 36.9 FEET AT WESTERN END.</p> <p>E. EXCEPT FOR SHOALING TO 33.9 FEET AT WESTERN END.</p> <p>F. EXCEPT FOR SHOALING TO 9.5 FEET IN TURNING BASIN.</p> <p>NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION</p>								

Chart 11467 (Side A)

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PORT EVERGLADES CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO FEB 2012								
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)
ENTRANCE CHANNEL (FROM 200 FEET SEAWARD OF RED BUOY-2 TO EAST END OF THE JETTIES)	46.8A	47.4	47.5	43.1B	2-12	500-450	1.0	45
BAR CUT (FROM EAST END OF JETTIES TO TURNING BASIN)	40.3	44.6	44.1	38.7	2-12	450	0.5	42
<p>NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION</p> <p>A. EXCEPT FOR SHOALING TO 43.9 FT AT SOUTH/WESTERN EDGE OF CHANNEL.</p> <p>B. SHOALING TO 28.6 FT LOCATED 400 FEET WEST OF RED LIGHT-4 TO END OF REACH. SHOALING EXTENDS APPROXIMATELY 60 FT FROM INSIDE CHANNEL EDGE.</p>								

Chart 11470

NM 21/12

PORT EVERGLADES CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO FEB 2012								
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)
ENTRANCE CHANNEL (FROM 200 FEET SEAWARD OF RED BUOY-2 TO EAST END OF THE JETTIES)	46.8A	47.4	47.5	43.1B	2-12	500-450	1.0	45
BAR CUT (FROM EAST END OF JETTIES TO TURNING BASIN)	40.3	44.6	44.1	38.7	2-12	450	0.5	42
<p>NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION</p> <p>A. EXCEPT FOR SHOALING TO 43.9 FT AT SOUTH/WESTERN EDGE OF CHANNEL.</p> <p>B. SHOALING TO 28.6 FT LOCATED 400 FEET WEST OF RED LIGHT-4 TO END OF REACH. SHOALING EXTENDS APPROXIMATELY 60 FT FROM INSIDE CHANNEL EDGE.</p>								

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Chart 11506

NM 21/12

BRUNSWICK HARBOR CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF FEB 2012								
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)
ENTRANCE THRU TURTLE RIVER								
ST. SIMONS RANGE (A)	34.0	35.0	36.0	38.0	2-12	500	9.7	38
PLANTATION CREEK RANGE (B)	36.5	40.0	41.5	41.5	2-12	400	1.8	36
JEKYLL ISLAND RANGE (C)	39.5	39.0	38.5	38.0	2-12	400	1.9	36
CEDAR HAMMOCK RANGE (D)	37.0	37.0	36.0	33.5	2-12	400	1.4	36
BRUNSWICK POINT CUT RANGE	35.5	36.5	38.0	36.0	2-12	400	2.4	36
TURTLE RIVER LOWER RANGE	37.0	37.5	37.0	36.5	2-12	400	1.8	36
BLYTHE ISLAND RANGE	30.0	30.0	28.0	27.0	2-12	300	1.5	30
TURTLE RIVER UPPER RANGE	30.5	30.0	28.0	27.0	2-12	300	2.7	30
EAST RIVER (E)								
ENTRANCE TO SECOND AVE (F)	36.0	36.5	37.0	36.5	2-12	400	1.2	37- 41
SECOND AVE TO MAYOR'S POINT	37.0	37.0	38.0	37.5	2-12	400	1.0	36
SOUTH BRUNSWICK RIVER (G & H)	37.5	37.5	37.0	36.0	2-12	400	1.3	36

A. THE ST. SIMONS RANGE WIDENER LEAST DEPTH WAS 28.0 FEET, LOCATED 50 FEET INSIDE THE CHANNEL LIMIT FROM THE RIGHT SIDE.

B. THE WIDENER AT INTERSECTION OF PLANTATION CREEK RANGE AND JEKYLL ISLAND RANGE LEAST DEPTHS WERE 45.0 FEET, LOCATED 100 FEET INSIDE THE CHANNEL LIMIT, AND 52.0 FEET, LOCATED 400 FEET INSIDE THE CHANNEL LIMIT FROM THE LEFT SIDE.

C. THE WIDENER AT INTERSECTION OF JEKYLL ISLAND RANGE AND CEDAR HAMMOCK RANGE LEAST DEPTH WAS 37.0 FEET, LOCATED 75 FEET INSIDE THE CHANNEL LIMIT FROM THE RIGHT SIDE.

D. THE WIDENER AT INTERSECTION OF CEDAR HAMMOCK RANGE AND BRUNSWICK POINT CUT RANGE LEAST DEPTH WAS 36.0 FEET, LOCATED 50 FEET INSIDE THE CHANNEL LIMIT FROM THE RIGHT SIDE.

E. THE EAST RIVER TURNING BASIN LEAST DEPTHS WERE 37.0 FEET 100 FEET FROM BACKSIDE, 37.0 FEET 400 FEET FROM BACKSIDE AND 38.0 FEET 600 FEET FROM BACKSIDE.

F. THE EAST RIVER ENTRANCE TO SECOND AVE WIDENER LEAST DEPTHS WERE 26.0 FEET LOCATED 50 FEET INSIDE THE CHANNEL LIMIT AND 34.0 FEET LOCATED 150 FEET INSIDE THE CHANNEL LIMIT FROM THE LEFT SIDE, AND 41.0 FEET LOCATED 50 FEET INSIDE THE CHANNEL LIMIT FROM THE RIGHT SIDE.

G. THE SOUTH BRUNSWICK RIVER TURNING BASIN LEAST DEPTHS WERE 41.0 FEET, 100 FEET AND 40.0 FEET, 400 FEET FROM THE LEFT SIDE AND 40.0 FEET, 100 FEET AND 38.5 FEET, 400 FEET FROM THE RIGHT SIDE.

H. THE SOUTH BRUNSWICK RIVER GPA DOCK LEAST DEPTHS WERE 38.0 FEET ALONG THE DOCK AND 37.0 FEET ON THE RIGHT SIDE.

J. EXCEPT FOR A 35 FEET OBSTRUCTION LOCATED BY A NOS SURVEY OF JUL 2006 AT 31°04'15.5"N, 081°16'57.4"W.

K. 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

Chart 11512

NM 21/12

SAVANNAH RIVER CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2012								
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)
TYBEE RANGE	43.5	44.5	45.5	42.5	1-12	600	3.79	44
BLOODY POINT RANGE	41.5	44.0	44.5	41.5	1-12	600	3.41	44
JONES ISLAND RANGE	43.0	44.5	45.0	44.5	1-12	600	1.33	44
TYBEE KNOLL CUT RANGE	43.5	45.0	44.0	43.5	1-12	500	2.84	42
NEW CHANNEL RANGE (A)	39.0	41.0	43.0	42.0	3-12	500	1.89	42
L. I. CROSSING RANGE	41.0	41.0	42.0	41.0	3-12	500	3.03	42
LOWER FLATS RANGE	43.5	44.0	43.5	42.0	3-12	500	1.52	42
UPPER FLATS RANGE	44.5	44.5	45.0	43.5	3-12	500	1.33	42
THE BIGHT CHANNEL	46.0	46.0	46.5	47.5	3-12	500	1.7	42
FT. JACKSON RANGE	46.0	46.0	45.5	43.0	3-12	500	0.76	42
OGLETHORPE RANGE	45.0	45.0	44.0	43.0	3-12	500	1.33	42
WRECKS CHANNEL (B)	42.5	42.5	44.5	43.5	3-12	500	1.7	42
CITY FRONT CHANNEL	41.5	45.0	44.0G	36.5	3-12	500	1.7	42
MARSH ISLAND CHANNEL (C)	39.5H	40.5	43.0	39.0	3-12	500	1.9	42
KINGS ISLAND CHANNEL (D)	40.0	41.0	42.0	40.0I	3-12	500	2.46	42
WHITEHALL CHANNEL (E)	32.5	29.0	29.0	29.0	3-12	400	0.66	42-36
PORT WENTWORTH CHANNEL (F)	30.0J	27.5	30.0	32.0	12-94; 3-12	200	1.33	30

A. OYSTER BED I. TURNING BASIN-CONTROLLING DEPTH 43.5 FT, 41.0 FT 100 FT FROM BACKSIDE.
B. FIG ISLAND TURNING BASIN-CONTROLLING DEPTH 38.0 FT, 25.0 FT 100 FT FROM BACKSIDE.
C. MARSH ISLAND TURNING BASIN-CONTROLLING DEPTH 32.5 FT, 23.5 FT 100 FT FROM BACKSIDE.
D. KINGS ISLAND TURNING BASIN-CONTROLLING DEPTH 35.0 FT, 32.5 FT 100 FT FROM BACKSIDE.
E. ARGYLE ISLAND TURNING BASIN-CONTROLLING DEPTH 27.0 FT 100 FT FROM BACKSIDE.
F. PORT WENTWORTH TURNING BASIN-CONTROLLING DEPTH 27.0 FT, 17.5 FT 100 FT FROM BACKSIDE.
G. EXCEPT FOR A 41 FOOT OBSTRUCTION LOCATED BY A NOS SURVEY AT 32°05'00.06"N 81°05'27.07"W
H. EXCEPT FOR A 39 FOOT OBSTRUCTION LOCATED BY A NOS SURVEY AT 32°05'18.29"N 81°05'58.99"W
I. EXCEPT FOR A 38 FOOT OBSTRUCTION LOCATED BY A NOS SURVEY AT 32°07'27.45"N 81°08'02.29"W
J. EXCEPT FOR A 31 FOOT OBSTRUCTION LOCATED BY A 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 21/12

SAVANNAH RIVER CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2012								
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)
OGLETHORPE RANGE	45.0	45.0	44.0	43.0	3-12	500	1.33	42
WRECKS CHANNEL (A)	42.5	42.5	44.5	43.5	3-12	500	1.7	42
CITY FRONT CHANNEL	41.5	45.0	44.0F	36.5	3-12	500	1.7	42
MARSH ISLAND CHANNEL (B)	39.5G	40.5	43.0	39.0	3-12	500	1.9	42
KINGS ISLAND CHANNEL (C)	40.0	41.0	42.0	40.0H	3-12	500	2.46	42
WHITEHALL CHANNEL (D)	32.5	29.0	29.0	29.0	3-12	400	0.66	42-36
PORT WENTWORTH CHANNEL (E)	30.0I	27.5	30.0	32.0	12-94; 3-12	200	1.33	30

A. FIG ISLAND TURNING BASIN-CONTROLLING DEPTH 38.0 FT, 25.0 FT 100 FT FROM BACKSIDE.
B. MARSH ISLAND TURNING BASIN-CONTROLLING DEPTH 32.5 FT, 23.5 FT 100 FT FROM BACKSIDE.
C. KINGS ISLAND TURNING BASIN-CONTROLLING DEPTH 35.0 FT, 32.5 FT 100 FT FROM BACKSIDE.
D. ARGYLE ISLAND TURNING BASIN-CONTROLLING DEPTH 27.0 FT 100 FT FROM BACKSIDE.
E. PORT WENTWORTH TURNING BASIN-CONTROLLING DEPTH 27.0 FT, 17.5 FT 100 FT FROM BACKSIDE.
F. EXCEPT FOR A 41 FOOT OBSTRUCTION LOCATED BY A NOS SURVEY AT 32°05'00.06"N 81°05'27.07"W
G. EXCEPT FOR A 39 FOOT OBSTRUCTION LOCATED BY A NOS SURVEY AT 32°05'18.29"N 81°05'58.99"W
H. EXCEPT FOR A 38 FOOT OBSTRUCTION LOCATED BY A NOS SURVEY AT 32°07'27.45"N 81°08'02.29"W
I. EXCEPT FOR A 31 FOOT OBSTRUCTION LOCATED BY A 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

Chart 11532

NM 21/12

WINYAH BAY AND GEORGETOWN HARBOR								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2012 AND SURVEYS TO MAR 2012								
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)
ENTRANCE CHANNEL	26.1	25.3	22.8	15.1	3-12	600	2.4	27
RANGE B	25.8	29.9	31.1	28.3	3-12	600	1.0	27
SOUTH ISLAND BEND	A	A	A	A	3-12	600	1.2	27
RANGE C	18.8	19.5	19.5	25.6	3-12	400	1.7	27
RANGE D	29.9	28.1	28.1	29.6	3-12	400B	1.7	27
RANGE E	23.8	24.9	24.9	24.1	3-12	400B	5.7	27
FRAZIER PT. BEND	21.1	21.4	21.4	21.8	3-12	400B	0.7	27
RABBIT ISLAND CHANNEL	21.1	21.4	21.4	23.4	3-12	400B	2.2	27
SAMPIT RIVER CHANNEL	8.8	6.2	6.2	5.9	3-12	400B	1.3	27
STEELMILL CHANNEL	10.1	10.3	10.3	6.3	3-12	VARIES	0.3	27
PAPERMILL CHANNEL	17.1	19.8	19.8	22.4	3-12	VARIES	0.3	27
BYPASS CHANNEL	—	7.7	7.7	—	3-12	100	1.2	12

(A) NO SOUNDINGS BECAUSE OF SEVERE SHOALING. BUOYS MARK THE DEEPER WATER.
 (B) MAINTAINED 300'

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

Chart 14926 (Page 25)

NM 21/12

CALUMET HARBOR CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO NOV 2011								
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 TO BKW S END LT	24.0	27.0	27.0	28.0	6-11	3000-3200	2.24	29
BKW S END LT TO RIVER ENTR LT	24.0	25.0	24.0	23.0	7-10; 8,10-11	300-3000	2.00	28
RIVER ENTR LT TO INTERSTATE 90 BRIDGE	9.0	15.0	11.0	9.0	10-11	100-300	1.44	27
INTERSTATE 90 BRIDGE TO 106th ST BRIDGE	B19.0	26.0	27.0	12.0	10-11	160-320	1.09	27
106th ST BRIDGE TO TURNING BASIN NO 3 (A)	14.0	26.0	25.0	C11.0	10-11	160-400	1.95	27
TURNING BASIN NO 3 TO TURNING BASIN NO 5	D23.0	25.0	25.0	E22.0	10,11-11	200-650	1.47	27
TURNING BASIN NO 5 TO SLIP NO 1	F24.0	23.0	24.0	G16.0	11-11	400-1200	.98	27
SLIP NO 1 TO END	H20.0	I21.0	J22.0	K15.0	11-11	1000-1200	.37	27

A. USACE ONLY MAINTAINS A WIDTH OF 200 FEET FROM 41°42'08.6"N 87°32'48.1"W TO 41°41'59.3"N 87°33'05.8"W.
 B. SHOALING TO 13.0 FEET IN OUTSIDE 20 FEET OF QUARTER.
 C. SHOALING TO 9.0 FEET IN OUTSIDE 20 FEET OF QUARTER.
 D. SHOALING TO 13.0 FEET IN OUTSIDE 20 FEET OF QUARTER
 E. SHOALING TO 7.0 FEET IN OUTSIDE 20 FEET OF QUARTER.
 F. SHOALING TO 15.0 FEET IN OUTSIDE 35 FEET OF QUARTER.
 G. SHOALING TO 8.0 FEET IN OUTSIDE 20 FEET OF QUARTER.
 H. SHOALING TO 8.0 FEET IN OUTSIDE 100 FEET OF QUARTER AND WITHIN LAST 50 FEET OF QUARTER.
 I. SHOALING TO 3.0 FEET WITHIN LAST 100 FEET OF QUARTER.
 J. SHOALING TO 7.0 FEET WITHIN LAST 100 FEET OF QUARTER.
 K. SHOALING TO 9.0 FEET IN OUTSIDE 20 FEET OF QUARTER.

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

SECTION I

NM 21/12

Chart 14929

NM 21/12

CALUMET HARBOR CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO NOV 2011								
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 (FEET)
ENTRANCE TO BKW S END LT	24.0	27.0	27.0	28.0	6-11	3000-3200	2.24	29
BKW S END LT TO RIVER ENTR LT	24.0	25.0	24.0	23.0	7-10; 8,10-11	300-3000	2.00	28
RIVER ENTR LT TO INTERSTATE 90 BRIDGE	9.0	15.0	11.0	9.0	10-11	100-300	1.44	27
INTERSTATE 90 BRIDGE TO 106th ST BRIDGE	B19.0	26.0	27.0	12.0	10-11	160-320	1.09	27
106th ST BRIDGE TO TURNING BASIN NO 3 (A)	14.0	26.0	25.0	C11.0	10-11	160-400	1.95	27
TURNING BASIN NO 3 TO TURNING BASIN NO 5	D23.0	25.0	25.0	E22.0	10,11-11	200-650	1.47	27
TURNING BASIN NO 5 TO SLIP NO 1	F24.0	23.0	24.0	G16.0	11-11	400-1200	.98	27
SLIP NO 1 TO END	H20.0	I21.0	J22.0	K15.0	11-11	1000-1200	.37	27

A. USACE ONLY MAINTAINS A WIDTH OF 200 FEET FROM 41°42'06.6"N 87°32'48.1"W TO 41°41'59.3"N 87°33'05.8"W.
 B. SHOALING TO 13.0 FEET IN OUTSIDE 20 FEET OF QUARTER.
 C. SHOALING TO 9.0 FEET IN OUTSIDE 20 FEET OF QUARTER.
 D. SHOALING TO 13.0 FEET IN OUTSIDE 20 FEET OF QUARTER
 E. SHOALING TO 7.0 FEET IN OUTSIDE 20 FEET OF QUARTER.
 F. SHOALING TO 15.0 FEET IN OUTSIDE 35 FEET OF QUARTER.
 G. SHOALING TO 8.0 FEET IN OUTSIDE 20 FEET OF QUARTER.
 H. SHOALING TO 8.0 FEET IN OUTSIDE 100 FEET OF QUARTER AND WITHIN LAST 50 FEET OF QUARTER.
 I. SHOALING TO 3.0 FEET WITHIN LAST 100 FEET OF QUARTER.
 J. SHOALING TO 7.0 FEET WITHIN LAST 100 FEET OF QUARTER.
 K. SHOALING TO 9.0 FEET IN OUTSIDE 20 FEET OF QUARTER.

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

Chart 18587

NM 21/12

COOS BAY, ISTHMUS SLOUGH AND CHARLESTON CHANNEL DEPTHS							
TABULATED FROM SURVEYS AND REPORTS BY THE CORPS OF ENGINEERS - REPORT OF FEB 2012 AND SURVEYS TO FEB 2012							
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 (FEET)
ENTRANCE RANGE	40	39	39	2-12	—	1.9	37
ENTRANCE RANGE AND TURN	38	42	35	9-11	300	0.8	37
COOS BAY INSIDE RANGE	38	38	38	9-11	300	0.8	37
COOS BAY RANGE	37	38	37	9-11	300	0.9	37
EMPIRE RANGE	35	38	31	12-11	300-800	2.3	37
LOWER JARVIS RANGE	37	38	22	12-11	300-800	1.1	37
JARVIS TURN RANGE	38	40	35	12-11	300	0.6	37
UPPER JARVIS RANGE A	38	37	37	12-11	300	1.0	37
UPPER JARVIS RANGE B	33	37	38	11-11	400	1.4	37
NORTH BEND LOWER RANGE	36	39	35	11-11	400	0.4	37
RANGE AND TURN	34	39	36	11-11	500	0.4	37
NORTH BEND RANGE	34	35	35	11-11	400	1.1	37
NORTH BEND UPPER RANGES	31	37	35	11-11	400	0.8	37
LOWER TURNING BASIN	29	34	31	11-11	800	0.5	37
FERNDALE LOWER RANGE	36	38	38	11-11	400	0.4	37
FERNDALE TURN	32	36	35	11-11	400	0.1	37
FERNDALE UPPER RANGE	11	35	31	11-11	400	0.9	37
MARSHFIELD RANGE	33	35	28	11-11	400	0.4	37
MARSHFIELD RANGE TO ISTHMUS SLOUGH	27	18	30	11-11	400-600	0.9	37
ISTHMUS SLOUGH	19	20	19	4-85	150	2.0	22
CHARLESTON CHANNEL							
ENTRANCE	14	21	16	7-11	150	0.3	17
ENTRANCE TO BASIN	14	17	12	7-11	150	0.4	17
BASIN	16	17	-2	7-11	250-500	0.2	16
BASIN TO BRIDGE	13	11	10	7-11	150	0.3	16

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