

Chart 11490 (Inset)

NM 51/13

ST. JOHNS RIVER CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JAN 2013 AND SURVEYS TO MAY 2013								
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 (NALT. MILES)	DEPTH MLLW (FEET)
ST. JOHNS BAR CUT RANGE, EAST SECTION	45.0	48.0	49.0	47.0	2-12;1,5-13	800	3.2	42
ST. JOHNS BAR CUT RANGE, WEST SECTION	39.0	40.0	40.0	40.0	1,5-13	750-800	1.6	40
MAYPORT ENTRANCE CHANNEL	38.1	48.9	48.3	48.3	1-13	500	0.8	42
PILOT TOWN CUT RANGE	39.0	42.0	43.0	42.0	5-13	850-900	0.9	40

NOTES-(1) THE RANGE LIGHTS DO NOT IN EVERY INSTANCE MARK THE CENTERLINE OF THE CHANNEL.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11491 (Side A)

NM 51/13

ST. JOHNS RIVER CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JAN 2013 AND SURVEYS TO MAY 2013								
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)
ST. JOHNS BAR CUT RANGE, EAST SECTION	45.0	48.0	49.0	47.0	2-12; 1,5-13	800	3.2	42
ST. JOHNS BAR CUT RANGE, WEST SECTION	39.0	40.0	40.0	40.0	1,5-13	750-800	1.6	40
MAYPORT ENTRANCE CHANNEL	38.1	48.9	48.3	48.3	1-13	500	0.8	42
PILOT TOWN CUT RANGE	39.0	42.0	43.0	42.0	5-13	850-900	0.9	40
MAYPORT CUT RANGE	43.0	42.0	42.0	42.0	2-12; 5-13	1025	0.5	40
SHERMAN CUT RANGE	43.0	43.0	43.0	38.0	2-12; 5-13	625	0.4	40
MILE POINT LOWER RANGE AND TURN	39.0	41.0	40.0	38.0	2-12; 5-13	625	0.8	40
TRAINING WALL REACH	40.0	41.0	41.0	39.0	2-12	475-625	1.2	40
SHORT CUT TURN	38.0	42.0	42.0	41.0	2-12; 1-13	525-575	0.5	40
WHITE SHELLS CUT RANGE	37.0	40.4	41.9	42.1	12-12	575-900	0.8	40
ST. JOHNS BLUFF REACH	37.7	40.9	37.0	36.0	12-12; 5-13	600-750	0.9	40
DAMES PT.-FULTON CUTOFF	34.6	39.6	39.6	38.8	1,5-13	475-837	2.9	40
DAMES PT. TURN THRU QUARANTINE I. UPPER RANGE	38.1	41.1	37.6	39.8	12-12; 5-13	525-1175	1.3	40
BRILLS CUT RANGE	34.3	40.7	40.7	36.1	1,5-13	425-600	1.2	40
BROWARD POINT TURN	17.0	37.0	41.0	42.0	1,5-13	490-830	0.9	40
BLOUNT ISLAND CHANNEL	28.0	33.1	33.4	26.3	1,5-13	300-1000	2.0	28
BLOUNT ISLAND EAST CHANNEL	15.3	19.4	20.6	19.6	1,5-13	300	1.0	30

NOTE: THE RANGE LIGHTS DO NOT IN EVERY INSTANCE MARK THE CENTERLINE OF THE CHANNEL.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11491 (Side B)

NM 51/13

ST. JOHNS RIVER CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JAN 2013 AND SURVEYS TO MAY 2013								
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)
DAMES PT TURN THRU QUARANTINE I. UPPER RANGE	38.1	41.1	37.6	39.8	12-12; 5-13	525-1175	1.3	40
BRILLS CUT RANGE	34.3	40.7	40.7	36.1	1,5-13	425-600	1.2	40
BROWARD POINT TURN	17.0	37.0	41.0	42.0	1,5-13	490-830	0.9	40
DRUMMOND CREEK RANGE	37.8	41.3	41.0	37.8	12-12;5-13	375-865	1.5	40
TROUT RIVER CUT RANGE	36.8	41.0 A	39.7	39.1	12-12	400-860	1.1	40
CHASEVILLE TURN	40.1	42.4	42.3	39.4	12-12	450-800	0.7	40
LONG BRANCH RANGE	34.4	39.5	40.5	34.8	12-12	650-1340	0.8	40
TERMINAL CHANNEL	21.8	27.3	19.6	18.4	12-12	559-1340	3.8	30-40

A: EXCEPT FOR A 36 FT OBSTRUCTION LOCATED BY AN NOS SURVEY AT 30°23'37.1" N, 081°37'25.6" W
NOTE: THE RANGE LIGHTS DO NOT IN EVERY INSTANCE MARK THE CENTERLINE OF THE CHANNEL.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SECTION I

NM 51/13

Chart 11505

NM 51/13

SAVANNAH RIVER CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF SEP 2013								
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	42.0	42.0	43.5	40.5	9-13	600	3.79	44
BLOODY POINT RANGE	40.5	42.0	42.0	39.0	9-13	600	3.41	44
JONES ISLAND RANGE	42.5	41.5	43.5	43.0	9-13	600	1.33	44
TYBEE KNOLL CUT RANGE	42.0	43.5	42.5	42.0	9-13	500	2.84	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 51/13

BRUNSWICK HARBOR CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF SEP 2013								
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	31.5	33.5	33.0	32.0	8,9-13	500	9.7	38
PLANTATION CREEK RANGE (A)	36.0	39.0	41.0	42.0	8,9-13	400	1.8	36
JEKYLL ISLAND RANGE (B)	39.0	38.5	38.0	37.5	9-13	400	1.9	36
CEDAR HAMMOCK RANGE (C)	34.5	34.5	32.5	31.0	9-13	400	1.4	36
BRUNSWICK POINT CUT RANGE	35.0	36.5	37.0	36.0	9-13	400	2.4	36
TURTLE RIVER LOWER RANGE	37.0	37.5	37.5	36.5	9-13	400	1.8	36
BLYTHE ISLAND RANGE	29.0	29.0	27.5	27.0	9-13	300	1.5	30
TURTLE RIVER UPPER RANGE	30.5	30.0	28.5	27.0	9-13	300	2.7	30
EAST RIVER (D)								
ENTRANCE TO SECOND AVE (E)	35.0	35.0	35.0	35.0	9-13	400	1.2	37-41
SECOND AVE TO MAYOR'S POINT	36.0	37.0	37.0	36.0	9-13	400	1.0	36
SOUTH BRUNSWICK RIVER (F & G)	36.0	37.5	37.0	36.0	9-13	400	1.3	36

A. 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.
 B. 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.
 C. 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.
 D. THE EAST RIVER TURNING BASIN LEAST DEPTHS WERE 37.0 FEET 100 FEET FROM BACKSIDE, 36.0 FEET 400 FEET FROM BACKSIDE AND 35.0 FEET 600 FEET FROM BACKSIDE.
 E. THE EAST RIVER ENTRANCE TO SECOND AVE WIDENER LEAST DEPTHS WERE 34.0 FEET LOCATED 50 FEET INSIDE THE CHANNEL LIMIT AND 38.0 FEET LOCATED 150 FEET INSIDE THE CHANNEL LIMIT FROM THE LEFT SIDE, AND 41.0 FEET LOCATED 75 FEET INSIDE THE CHANNEL LIMIT FROM THE RIGHT SIDE.
 F. THE SOUTH BRUNSWICK RIVER TURNING BASIN LEAST DEPTHS WERE 40.0 FEET, 100 FEET AND 40.0 FEET, 400 FEET FROM THE LEFT SIDE AND 39.0 FEET, 100 FEET AND 38.0 FEET, 400 FEET FROM THE RIGHT SIDE.
 G. THE SOUTH BRUNSWICK RIVER GPA DOCK LEAST DEPTHS WERE 32.0 FEET ALONG THE DOCK AND 36.0 FEET ON THE RIGHT SIDE.
 H. 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.
 I. 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 51/13

SAVANNAH RIVER CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF SEP 2013								
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	42.0	42.0	43.5	40.5	9-13	600	3.79	44
BLOODY POINT RANGE	40.5	42.0	42.0	39.0	9-13	600	3.41	44
JONES ISLAND RANGE	42.5	41.5	43.5	43.0	9-13	600	1.33	44
TYBEE KNOLL CUT RANGE	42.0	43.5	42.5	42.0	9-13	500	2.84	42
NEW CHANNEL RANGE (A)	39.0	42.5	43.0	41.5	9-13	500	1.89	42
L. I. CROSSING RANGE	41.5	41.5	42.5	42.0	9-13	500	3.03	42
LOWER FLATS RANGE	41.5	43.5	43.5	39.5	9-13	500	1.52	42
UPPER FLATS RANGE	43.5	45.0	44.5	41.0	9-13	500	1.33	42
THE BIGHT CHANNEL	44.0	46.0	46.5	46.5	9-13	500	1.7	42
FT. JACKSON RANGE	42.5	46.0	44.5	42.5	9-13	500	0.76	42
OGLETHORPE RANGE	43.0	44.5	44.5	43.5	9-13	500	1.33	42
WRECKS CHANNEL (B)	42.0	42.5	45.0	42.5	9-13	500	1.7	42
CITY FRONT CHANNEL	43.5	44.5	42.5G	40.0	9-13	500	1.7	42
MARSH ISLAND CHANNEL (C)	36.0H	41.5	42.0	39.0	9-13	500	1.9	42
KINGS ISLAND CHANNEL (D)	35.5	42.0	42.5	39.0I	9-13	500	2.46	42
WHITEHALL CHANNEL (E)	32.5	34.0	36.0	38.0	9-13	400	0.66	42-36
PORT WENTWORTH CHANNEL (F)	30.0J	25.5	23.5	32.0	12-94; 9-13	200	1.33	30

A. OYSTER BED I. TURNING BASIN-CONTROLLING DEPTH 42.0 FT, 41.0 FT 100 FT FROM BACKSIDE.
 B. FIG ISLAND TURNING BASIN-CONTROLLING DEPTH 37.0 FT, 27.0 FT 100 FT FROM BACKSIDE.
 C. MARSH ISLAND TURNING BASIN-CONTROLLING DEPTH 28.0 FT, 20.5 FT 100 FT FROM BACKSIDE.
 D. KINGS ISLAND TURNING BASIN-CONTROLLING DEPTH 48.0 FT, 48.0 FT 100 FT FROM BACKSIDE.
 E. ARGYLE ISLAND TURNING BASIN-CONTROLLING DEPTH 28.0 FT 100 FT FROM BACKSIDE.
 F. PORT WENTWORTH TURNING BASIN-CONTROLLING DEPTH 24.0 FT, 15.0 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

NM 51/13

SAVANNAH RIVER CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF SEP 2013								
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	43.0	44.5	44.5	43.5	9-13	500	1.33	42
WRECKS CHANNEL (A)	42.0	42.5	45.0	42.5	9-13	500	1.7	42
CITY FRONT CHANNEL	43.5	44.5	42.5F	40.0	9-13	500	1.7	42
MARSH ISLAND CHANNEL (B)	36.0G	41.5	42.0	39.0	9-13	500	1.9	42
KINGS ISLAND CHANNEL (C)	35.5	42.0	42.5	39.0H	9-13	500	2.46	42
WHITEHALL CHANNEL (D)	32.5	34.0	36.0	38.0	9-13	400	0.66	42-36
PORT WENTWORTH CHANNEL (E)	30.0I	25.5	23.5	32.0	12-94; 9-13	200	1.33	30

A. FIG ISLAND TURNING BASIN-CONTROLLING DEPTH 37.0 FT, 27.0 FT 100 FT FROM BACKSIDE.
 B. MARSH ISLAND TURNING BASIN-CONTROLLING DEPTH 28.0 FT, 20.5 FT 100 FT FROM BACKSIDE.
 C. KINGS ISLAND TURNING BASIN-CONTROLLING DEPTH 48.0 FT, 48.0 FT 100 FT FROM BACKSIDE.
 D. ARGYLE ISLAND TURNING BASIN-CONTROLLING DEPTH 28.0 FT 100 FT FROM BACKSIDE.
 E. PORT WENTWORTH TURNING BASIN-CONTROLLING DEPTH 24.0 FT, 15.0 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