Chart 11490 (Inset) NM 39/15

ST. JOHNS RIVER CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO DEC 2014

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)
ST. JOHNS BAR CUT RANGE, EAST SECTION	43.3	46.9	48.9	44.1	12-14	800	3.76	50
ST. JOHNS BAR CUT RANGE, WEST SECTION	34.9	39.6	37.4	32.6	12-14	760	1.92	40
MAYPORT ENTRANCE CHANNEL	40.5	43.0	46.4	40.5	12-14	VARIES	1.3	50
PILOT TOWN CUT RANGE	26.4	41.5	42.9	42.2	12-14	760	1.02	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 39/15

ST. JOHNS RIVER CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2015
AND SURVEYS TO MAR 2015

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	43.3	46.9	48.9	44.1	12-14	800	3.76	50
ST. JOHNS BAR CUT RANGE, WEST SECTION	34.9	39.6	37.4	32.6	12-14	760	1.92	40
MAYPORT ENTRANCE CHANNEL	40.5	43.0	46.4	40.5	12-14	VARIES	1.30	50
PILOT TOWN CUT RANGE	26.4	41.5	42.9	42.2	12-14	760	1.02	40
MAYPORT CUT RANGE	41.3	42.7	42.5	42.2	12-14	700	0.53	40
SHERMAN CUT RANGE	43.4	43.3	42.7	34.2	12-14	625	0.47	40
MILE POINT LOWER RANGE AND TURN	38.9	41.0	38.4	30.4	12-14	625	0.82	40
TRAINING WALL REACH	41.1	41.1	40.6	36.9	12-14	475-625	1.49	40
SHORT CUT TURN	38.3	41.6	42.4	41.8	12-14	575	0.56	40
WHITE SHELLS CUT RANGE	37.7	40.9	41.0	42.3	12-14	450-600	0.80	40
ST. JOHNS BLUFF REACH	39.6	42.2	39.0	37.4	12-14	600	0.90	40
DAMES PT.-FULTON CUTOFF	31.7	39.9	40.2	39.6	2-15	475	2.89	40
DAMES PT. TURN THRU QUARANTINE I. UPPER RANGE	37.2	40.4	41.5	39.4	3-15	525-1175	1.34	40
BRILLS CUT RANGE	38.4	40.9	40.8	37.7	3-15	425-600	1.16	40
BROWARD POINT TURN	28.6	41.7	42.3	41.7	3-15	600	0.92	40
BLOUNT ISLAND CHANNEL	28.6	33.4	33.6	33.0	2-15	300	2.23	38
BLOUNT ISLAND EAST CHANNEL	13.4	17.6	19.4	15.6	12-14	300	1.00	30
BLOUNT ISLAND MARINE TERMINAL ENTRANCE CHANNEL	33.8	36.5	36.1	33.2	3-15	415	0.8	38
BERTHS 1 & 2	28.6	32.0	31.6	23.6	3-15	572	0.2	38

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 39/15

ST. JOHNS RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2015 AND SURVEYS TO MAR 2015

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	37.2	40.4	41.5	39.4	3-15	525-1175	1.34	40
BRILLS CUT RANGE	38.4	40.9	40.8	37.7	3-15	425-600	1.16	40
BROWARD POINT TURN	28.6	41.7	42.3	41.7	3-15	600	0.92	40
DRUMMOND CREEK RANGE	36.5	40.5	40.9	36.9	3-15	400	1.56	40
TROUT RIVER CUT RANGE	38.8	41.8A	41.4	39.7	1-15	400	1.11	40
CHASEVILLE TURN	34.5	42.5	42.0	39.4	1-15	500-660	0.74	40
LONG BRANCH RANGE	33.3	38.0	40.1	39.6	1-15	650	0.76	40
TERMINAL CHANNEL	19.8	27.8	22.7	20.7	1-15	500-575	3.62	34-40

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

Chart 11521 NM 39/15

CHARLESTON HARBOR ENTRANCE

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2015

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)
FORT SUMTER CHANNEL	36.9	47.5	47.6	30.8	3-15	1000	17.0	A,B 47
MOUNT PLEASANT RANGE	47.8	49.0	50.0	49.5	4-15	1000-600	1.8	45

A. MAINTAINED 800 FEET WIDE AT PROJECT DEPTH OF 47 FEET.
B. FINAL 100 FEET LEFT AND RIGHT PROJECT DEPTH 42 FEET.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11524 NM 39/15

CHARLESTON HARBOR, COOPER RIVER AND SHIPYARD RIVER
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2015

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)
FORT SUMTER RANGE	36.9	47.5	47.6	30.8	3-15	1000	17.0	A,B 47
MOUNT PLEASANT RANGE	47.8	49.0	50.0	49.5	4-15	1000-600	1.8	45
REBELLION RANGE	46.4	48.1	49.6	46.5	4-15	600-999	1.6	45
ANCHORAGE BASIN A	26.1	33.4	32.9	36.5	1-15	999	1.4	45
BENNIS RANGE	46.1	48.8	47.6	47.5	4-15	600	1.5	45
HORSE REACH	48.8	53.2	50.3	48.4	4-15	C 600	0.4	45
CUSTOMHOUSE REACH	33.9	36.2	42.6	40.1	4-15	999	0.7	45
SOUTH CHANNEL	18.0	17.0	17.0	20.0	4-13	600-1000	2.9	30
HOG ISLAND REACH	46.0	45.4	44.0	37.8	4-15	D 800-600	1.8	45
DRUM ISLAND REACH	40.8	44.5	48.8	46.6	4-15	880	0.8	45
TIDEWATER REACH	29.1	26.4	25.2	25.2	4-15	650	0.7	40
TOWN CREEK LOWER REACH	37.0	38.3	41.6	40.6	4-15	450-400	1.3	45
TOWN CREEK LOWER REACH TB	38.5	37.8	37.4	36.0	4-15	300	0.3	35
TOWN CREEK UPPER REACH	38.1	40.7	40.4	41.3	4-15	999	1.1	16
MYERS BEND	43.6	48.7	48.6	46.8	4-15	999	0.5	45
DANIEL ISLAND REACH	48.0	47.5	47.0	44.6	3-15	880	1.3	45
DANIEL ISLAND BEND	48.6	49.8	51.6	50.5	3-15	800-700	0.5	45
CLOUTER CREEK REACH	46.6	48.4	48.4	45.6	3-15	600	1.3	45
NAVY YARD REACH	47.5	46.9	46.3	44.8	3-15	600-700	1.1	45
NORTH CHARLESTON REACH	48.5	49.3	48.9	47.2	3-15	500-600	0.9	45
FILBIN CREEK REACH	47.5	49.0	50.0	47.4	3-15	500	0.9	45
PORT TERMINAL REACH	45.0	48.3	48.4	47.1	3-15	600	0.7	45
ORDNANCE REACH	34.5	35.0	39.2	41.7	3-15	600	0.4	45
ORDNANCE REACH TURNING BASIN	47.4	48.5	38.3	33.8	3-15	800	0.4	45
WANDO RIVER								
LOWER REACH	46.5	47.6	47.9	46.0	3-14	1500-400	1.4	45
UPPER REACH	35.7	35.0	34.0	31.7	4-15	850-600	0.9	45
TURNING BASIN	40.2	46.0	47.2	49.2	4-15	550	0.7	45
SHIPYARD RIVER (SHIPYARD CREEK)								
LOWER CHANNEL	45.8	45.8	45.2	44.8	2-15	1300-300	0.7	45
TURNING BASIN	45.1	45.4	46.0	-----	2-15	999	0.2	45
UPPER CHANNEL	16.3	18.4	19.5	18.4	2-15	200	0.6	30
COOPER RIVER								
RANGE A	39.0	39.0	39.0	E37.0	6-11; 9-11	400-650	1.2	35
RANGE B	32.6	35.1	35.1	35.0	3-10; 6-11	500-700	0.9	35
RANGE C	22.0	32.8	39.0	35.0	1-99; 12-03; 6-11	550-1000	0.9	35
RANGE D	29.8	30.0	28.0	26.0	3-10; 6-11	400-650	0.7	35
RANGE E	31.0	36.0	38.0	38.0	6-11	350-650	0.4	35
RANGE F	25.0	34.0	36.0	34.0	1-95; 6-11	650-800	0.3	35

A. MAINTAINED 800 FEET WIDE AT PROJECT DEPTH OF 47 FEET.
B. FINAL 100 FEET LEFT AND RIGHT PROJECT DEPTH 42 FEET.
C. ONLY REPORTING 600 FEET WIDE FROM RIGHT TOE OF CHANNEL.
D. ONLY REPORTING 300 FEET LEFT AND RIGHT OF CENTERLINE.
E. 31.0 FT ALONG CHANNEL EDGE.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11528 NM 39/15

CHARLESTON HARBOR ENTRANCE
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAR 2015

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)
FORT SUMTER RANGE	36.9	47.5	47.6	30.8	3-15	1000	17.0	A,B 47

A. MAINTAINED 800 FEET WIDE AT PROJECT DEPTH OF 47 FEET.
B. FINAL 100 FEET LEFT AND RIGHT PROJECT DEPTH 42 FEET.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 12327 NM 39/15

PORT ELIZABETH SOUTH, PORT NEWARK, PASSAIC AND HACKENSACK RIVERS CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2014
AND SURVEYS TO NOV 2014

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)
PORT ELIZABETH SOUTH REACH	41.0	42.2	45.0	6-11	140-290	0.43	45
PORT NEWARK :							
PIERHEAD REACH	31.4	30.8	27.9	6-11	300-750	0.65	40
PASSAIC RIVER :							
KEARNY POINT REACH	13.8	13.7	9.5	11,12-13;2,3-14	300	1.00	30
POINT NO POINT REACH	0.9	5.5	9.9	11,12-13;2,3-14	300-345	1.13	30
HARRISON REACH	+0.4	5.4	0.5	11,12-13;2,3-14	300-390	1.87	A20
NEWARK REACH	0.5	8.5	2.6	11,12-13;2,3-14	300	1.28	A20
KEARNY REACH	0.5	9.0	+1.1	11,12-13;2,3-14	300	0.85	20
ARLINGTON REACH	2.7	8.6	0.8	11,12-13;2,3-14	200-250	0.89	16
HACKENSACK RIVER :							
DROYERS REACH	26.0	23.8	17.8	11-14	300-500	1.55	B32
MARION REACH	16.4	25.5	14.8	11-14	300-370	1.81	B32
TURNING BASIN	14.6	14.6	14.6	11-14	irregular	0.23	25

A. REACHES WERE NEVER COMPLETED TO A 20 FOOT DEPTH. PREVIOUS DREDGING WAS TO 16 FEET ONLY.
B. REACHES WERE NEVER COMPLETED TO A 32 FOOT DEPTH. PREVIOUS DREDGING WAS TO 30 FEET ONLY.

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

Chart 12337 NM 39/15

PASSAIC, HACKENSACK RIVERS AND PORT NEWARK CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2015
AND SURVEYS TO NOV 2014

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)
PASSAIC RIVER							
KEARNY POINT REACH	13.8	13.7	9.5	11,12-13;2,3-14	300	1.00	30
POINT NO POINT REACH	0.9	5.5	9.9	11,12-13;2,3-14	300-345	1.13	30
HARRISON REACH	+0.4	5.4	0.5	11,12-13;2,3-14	300-390	1.87	20
NEWARK REACH	0.5	8.5	2.6	11,12-13;2,3-14	300	1.28	A20
KEARNY REACH	0.5	9.0	+1.1	11,12-13;2,3-14	300	0.85	A20
ARLINGTON REACH	2.7	8.6	0.8	11,12-13;2,3-14	200-250	0.89	16
BELLEVILLE REACH - PARTIAL	0.2	3.7	8.3	11,12-13;2,3-14	235-205	0.15	10
BELLEVILLE REACH - UPPER (C)	2.0	2.3	11.0	1-04	150	1.3	10
NUTLEY REACH (C)	7.1	5.9	3.3	1-04	150	1.7	10
RUTHERFORD REACH (C)	4.0	7.6	4.2	1-04	150	2.2	10
WALLINGTON REACH (C)	+1.6	0.7	+1.2	1-04	150	0.9	10
HACKENSACK RIVER							
DROYERS REACH	26.0	23.8	17.8	11-14	300-500	1.55	B32
MARION REACH	16.4	25.5	14.8	11-14	300-370	1.81	B32
TURNING BASIN	14.6	14.6	14.6	11-14	irregular	0.23	25
PORT NEWARK							
PIERHEAD REACH	31.4	30.8	27.9	6-11	300-750	0.65	40

A. REACHES WERE NEVER COMPLETED TO A 20 FOOT DEPTH. PREVIOUS DREDGING WAS TO 16 FEET ONLY.
B. REACHES WERE NEVER COMPLETED TO A 32 FOOT DEPTH. PREVIOUS DREDGING WAS TO 30 FEET ONLY.
C. THE CORPS OF ENGINEERS HAS CONFIRMED THAT THIS REACH IS NOT ACTIVELY MAINTAINED.

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

Chart 44366 NM 39/15

SUBMARINE CABLES

Mariners are advised not to anchor, trawl or fish in the vicinity of submarine cables.

Chart 44366 NM 39/15

OIL AND GAS PIPELINES

Mariners are advised not to anchor or trawl in the vicinity of pipelines. Gas from a damaged pipeline could cause an explosion, loss of a vessel's buoyancy or some other serious hazard. Pipelines are not always buried and their presence may effectively reduce the charted depth.