Chart 11521 NM 14/10

CHARLESTON HARBOR ENTRANCE

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JAN 2010

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	43.1	46.5	46.9	43.7	12-09	1000	17.5	A47
MOUNT PLEASANT RANGE	45.2	49.1	48.3	48.6	6-09	1000-600	1.8	A45

A. FOR WIDTH OF 1000 FEET, THE PROJECT DEPTH IS 42 FEET FOR OUTER 100 FEET.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11523 NM 14/10

CHARLESTON HARBOR ENTRANCE

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JAN 2010

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	43.1	46.5	46.9	43.7	12-09	1000	17.5	A47
MOUNT PLEASANT RANGE	45.2	49.1	48.3	48.6	6-09	1000-600	1.8	A45
REBELLION REACH	46.4	49.4	48.8	47.8	6-09	600	1.6	45

A. FOR WIDTH OF 1000 FEET, THE PROJECT DEPTH IS 42 FEET FOR OUTER 100 FEET.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11524 NM 14/10

CHARLESTON HARBOR, COOPER RIVER AND SHIPYARD RIVER
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS- SURVEYS TO JAN 2010

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	43.1	46.5	46.9	43.7	12-09	1000	17.5	A47
MOUNT PLEASANT RANGE	45.2	49.1	48.3	48.6	6-09	1000-600	1.8	A45
REBELLION REACH	46.4	49.4	48.8	47.8	6-09	600	1.6	45
BENNIS REACH	46.1	48.0	48.5	47.9	7-09	600	1.5	45
HORSE REACH	50.7	49.8	49.8	45.4	7-09	800	0.6	45
CUSTOMHOUSE REACH	36.0	48.4	48.2	47.8	11-05;12-08	1385	0.2	45
SOUTH CHANNEL	24.4	24.8	24.5	B24.3	10-96; 7-04;9-08;6-09	600-1000	3.6	45
HOG ISLAND REACH	45.9	46.3	47.2	44.7	7-09	600	1.6	45
DRUM ISLAND REACH	42.1	48.0	48.9	46.3	11-09	1200-600	0.8	45
TIDEWATER REACH	34.6	29.9	29.2	27.9	7-09	650	0.7	40
TOWN CREEK LOWER REACH	37.0	42.1	43.0	44.7	7-09	450-400	1.1	45
TOWN CREEK LOWER REACH TB	38.2	38.6	38.6	37.8	7-09	300	0.25	35
TOWN CREEK UPPER REACH	35.2	40.2	C40.9	40.5	11-01; 5-02	250	1.0	16
MYERS BEND	49.5	45.9	47.6	42.2	10-09	900-1500	0.5	45
DANIEL ISLAND REACH	47.6	46.5	44.0	39.8	11-09	880	1.4	45
DANIEL ISLAND BEND	43.1	50.4	49.7	49.8	10-09	800-700	0.5	45
CLOUTER CREEK REACH	47.0	47.4	47.5	44.3	10-09	600	1.3	45
NAVY YARD REACH	45.0	46.8	45.4	43.0	9-09	600-700	1.1	45
NORTH CHARLESTON REACH	46.9	49.4	48.7	47.8	9-09	500-600	1.0	45
FILBIN CREEK REACH	47.2	47.1	49.7	48.0	9-09	500	0.9	45
PORT TERMINAL REACH	45.0	48.5	48.4	47.3	11-09	600	0.7	45
ORDNANCE REACH	43.6	43.4	42.7	46.8	11-09	600	0.4	45
ORDNANCE REACH TURNING BASIN	48.2	40.9	40.9	38.9	11-09	800	0.4	45
WANDO RIVER								
LOWER REACH	45.7	47.4	47.7	45.3	1-10	1500-400	1.4	45
UPPER REACH	46.1	46.1	45.4	43.5	1-10	850-600	0.9	45
TURNING BASIN	47.5	49.3	48.3	48.0	1-10	550	0.4	45
SHIPYARD CREEK								
MAIN CHANNEL	23.4	27.3	28.4	25.7	2-07	1200-300	1.2	30
LOWER TURNING BASIN	39.3	40.5	42.8	39.5	2-07	700	0.2	38
UPPER TURNING BASIN	14.0	21.1	19.5	19.6	2-07	600	0.2	30
COOPER RIVER								
RANGE A	38.2	37.4	38.3	37.9	7,8-98;7,10-03;6-04	400-1350	1.2	35
RANGE B	18.6	23.1	39.1	37.3	12-99;10-03	VARIES	0.9	35
RANGE C	20.6	D24.6	38.9	39.2	7,8-98;12-99;10,11,12-03	VARIES	0.9	35
RANGE D	38.9	38.4	38.2	38.0	2-00;11,12-03	VARIES	0.7	35
RANGE E	32.1	34.8	38.2	36.3	1-95	VARIES	0.4	35
RANGE F	25.0	36.6	35.2	33.9	1-95	VARIES	0.3	35

A. FOR WIDTH OF 1000 FEET, THE PROJECT DEPTH IS 42 FEET FOR OUTER 100 FEET.
B. ALONG CHANNEL EDGE.
C. OBSTRUCTION LOCATED WITH A DEPTH OF 39 FEET, AT 32°48'45.3"N; 79°55'45.7"W.
D. OBSTRUCTION LOCATED WITH A DEPTH OF 37 FEET, AT 32°55'15.9"N; 79°55'54.8"W.

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

Chart 11532 NM 14/10

WINYAH BAY AND GEORGETOWN HARBOR

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DEC 2009 AND SURVEYS TO DEC 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 (MILES)	DEPTH MLLW (FEET)
ENTRANCE CHANNEL	25.4	25.2	24.9	16.8	12-09	600	2.4	27
RANGE B	25.4	30.8	31.0	28.3	12-09	600	1.0	27
SOUTH ISLAND BEND	30.3	A	A	A	12-09	600	1.2	27
RANGE C	19.3	21.0	21.0	26.5	12-09	400	1.7	27
RANGE D	26.4	28.6	28.6	28.1	12-09	400B	1.7	27
RANGE E	23.9	24.4	24.4	24.2	12-09	400B	5.7	27
FRAZIER PT. BEND	23.3	22.7	22.7	22.1	12-09	400B	0.7	27
RABBIT ISLAND CHANNEL	24.9	25.1	25.1	24.6	12-09	400B	2.2	27
SAMPIT RIVER CHANNEL	12.4	13.5	13.5	13.3	11-09	400B	1.3	27
STEELMILL CHANNEL	16.7	18.7	18.7	13.1	11-09	VARIES	0.3	27
PAPERMILL CHANNEL	19.0	21.5	21.5	23.1	11-09	VARIES	0.3	27
BYPASS CHANNEL	——	9.1	9.1	——	11-09	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 11537 NM 14/10

CAPE FEAR RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JAN 2010 AND SURVEYS TO JAN 2010

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 (STAT. MILES)	DEPTH MLLW (FEET)
BALDHEAD SHOAL								
REACH 3	38.9	42.0	41.9	41.4	9-09	500-900	5.7	44
REACH 2	40.7	41.0	45.5	33.1	11-09	900	0.8	44
REACH 1	40.2	45.9	41.6	29.5	11-09	700	0.9	44
SMITH ISLAND	30.3	42.3	47.7	45.6	11-09	500-650	0.9	44
BALDHEAD-CASWELL	41.3	45.7	45.5	48.8	1-10	500	0.4	44
SOUTHPORT	44.7	46.3	44.0	39.4	1-10	500	1	44
BATTERY ISLAND	43.8	45.9	45.4	37.5	1-10	500	0.5	44
LOWER SWASH	43.6	43.0	43.9	41.5	9-09	400	1.8	42
SNOWS MARSH	40.5	41.0	41.4	39.6	9-09	400	2.9	42
HORSESHOE SHOAL	37.8	40.3	40.0	39.3	9-09	400	1.2	42
REAVES POINT	41.0	43.1	43.6	40.2	9-09	400	1.2	42
LOWER MIDNIGHT	38.8	43.2	44.2	39.2	10-09	600	1.6	42
UPPER MIDNIGHT	36.8	42.9	41.9	38.9	10-09	600	2.6	42
LOWER LILLIPUT	35.2	41.9	43.1	33.4	10-09	600	2.1	42
UPPER LILLIPUT	36.6	41.4	42.1	36.6	10-09	400	1.9	42
KEG ISLAND	38.0	43.8	43.5	32.6	10-09	400	1.5	42
LOWER BIG ISLAND	38.2	43.7	43.7	35.1	10-09	400	0.8	42
UPPER BIG ISLAND	39.7	43.2	39.0	31.4	10-09	510-700	0.5	42
LOWER BRUNSWICK	33.5	42.7	43.0	38.0	1-10	400	1.6	42
UPPER BRUNSWICK	36.9	44.9	44.7	43.1	1-10	400	0.8	42
FOURTH EAST JETTY	38.3	43.9	43.7	38.0	11-09	500	1.7	42
BETWEEN CHANNEL	41.5	43.8	42.9	41.2	12-09	550	0.5	42
LOWER ANCHORAGE BASIN	8.8	30.9	32.4	20.8	7-09	550-1200	0.75	42
UPPER ANCHORAGE BASIN	10.8	31.3	34.3	22.0	7-09	450-940	0.75	38
HWY 74-76 TO BATTLESHIP (E)	27.0	35.0	36.0	34.0	12-09	400	0.6	32
BATTLESHIP TO HWY 133 INCLUDING TURNING BASIN (E)	13.0	27.0	29.0	19.0	3,5,12-09	190-850	0.9	32
HWY 133 TO HILTON BRIDGE (E)	31.7	32.7	30.8	32.6	12-09	200-400	0.5	32
THENCE TO END OF PROJECT AT 34°16'36"N, 77°57'01"W (E)	17.9A	20.9B	19.2C	13.0D	12-09	200	1.2	25
TURNING BASIN (E)	21.8	16.6	12.5	11.0	12-09	500	0.1	25

A. EXCEPT FOR SHOALING TO 9.5 FEET FOR THE LAST 250 FEET OF THE PROJECT.
B. EXCEPT FOR SHOALING TO 9.0 FEET FOR THE LAST 250 FEET OF THE PROJECT.
C. EXCEPT FOR SHOALING TO 9.9 FEET FOR THE LAST 400 FEET OF THE PROJECT.
D. EXCEPT FOR SHOALING TO 9.0 FEET FOR THE LAST 400 FEET OF THE PROJECT.
E. CHANNELS ARE NOT REPORTED IN THE CORPS OF ENGINEERS CHANNEL CONDITION REPORT.

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

Chart 11545 NM 14/10

MOREHEAD CITY HARBOR CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JAN 2010 AND SURVEYS TO DEC 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 (STAT. MILES)	DEPTH MLLW (FEET)
RANGE A	21.9	29.8	43.4	14.4	12-09	450-650	6.6	47
CUTOFF	50.6	52.1	26.6	5.3	12-09	600	0.7	45
RANGE B	33.1	39.0	46.6	40.0	9-09	400	1.3	45
RANGE C (A)	38.2	44.8	44.6	39.0	9-09	1888	0.6	45
EAST LEG	48.4	46.9	45.2	44.9	10-09	455-880	0.3	45
WEST LEG	38.9	38.9	37.0	6.2	7-09	775	0.5	35
NORTHWEST LEG	36.6	36.7	35.5	35.5	7-09	120-1200	0.5	35

A. OBSTRUCTIONS OF UNKNOWN DEPTHS EXIST WITHIN THE CHANNEL BUT ARE NOT CHARTED. CONSULT CORPS OF ENGINEERS FOR LOCATION OF OBSTRUCTIONS.

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

Chart 11547 NM 14/10

MOREHEAD CITY HARBOR CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JAN 2010 AND SURVEYS TO DEC 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 (STAT. MILES)	DEPTH MLLW (FEET)
RANGE A	21.9	29.8	43.4	14.4	12-09	450-650	6.6	47
CUTOFF	50.6	52.1	26.6	5.3	12-09	600	0.7	45
RANGE B	33.1	39.0	46.6	40.0	9-09	400	1.3	45
RANGE C (A)	38.2	44.8	44.6	39.0	9-09	1888	0.6	45
EAST LEG	48.4	46.9	45.2	44.9	10-09	455-880	0.3	45
WEST LEG	38.9	38.9	37.0	6.2	7-09	775	0.5	35
NORTHWEST LEG	36.6	36.7	35.5	35.5	7-09	120-1200	0.5	35

A. OBSTRUCTIONS OF UNKNOWN DEPTHS EXIST WITHIN THE CHANNEL BUT ARE NOT CHARTED. CONSULT CORPS OF ENGINEERS FOR LOCATION OF OBSTRUCTIONS.

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