Chart 11537 NM 18/11

CAPE FEAR RIVER CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JAN 2011
AND SURVEYS TO JAN 2011

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	40.2	43.7	43.7	41.0	1-11	500-900	5.7	44
REACH 2	34.8	42.9	40.8	26.5	9-10	900	0.8	44
REACH 1	42.6	43.6	32.5	13.2	9-10	700	0.9	44
SMITH ISLAND	20.9	39.6	44.0	42.8	11-10	500-650	0.9	44
BALDHEAD-CASWELL	39.4	44.6	45.3	45.2	8-10	500	0.4	44
SOUTHPORT	42.7	45.1	38.3	36.5	8-10	500	1.0	44
BATTERY ISLAND	41.5	45.1	44.8	46.2	1-11	500	0.5	44
LOWER SWASH	40.5	42.3	42.4	40.0	8-10	400	1.8	42
SNOWS MARSH	42.9	42.7	42.8	40.6	1-11	400	2.9	42
HORSESHOE SHOAL	40.4	43.1	42.6	40.4	1-11	400	1.2	42
REAVES POINT	41.1	41.9	43.3	40.2	2-10	400	1.2	42
LOWER MIDNIGHT	38.2	41.8	42.8	37.0	5-10	600	1.6	42
UPPER MIDNIGHT	36.8	42.9	41.9	38.9	5-10	600	2.6	42
LOWER LILLIPUT	35.4	40.6	42.8	31.9	9-10	600	2.1	42
UPPER LILLIPUT	33.3	41.0	41.0	38.3	9-10	400	1.9	42
KEG ISLAND	39.7	43.7	41.4	34.0	11-10	400	1.5	42
LOWER BIG ISLAND	37.7	43.7	43.8	34.8	11-10	400	0.8	42
UPPER BIG ISLAND	38.7	42.9	38.9	28.5	11-10	510-700	0.5	42
LOWER BRUNSWICK	33.8	42.7	41.0	31.0	9-10	400	1.6	42
UPPER BRUNSWICK	35.8	44.4	42.8	39.5	9-10	400	0.8	42
FOURTH EAST JETTY	39.8	43.2	43.0	38.7	10-10	500	1.7	42
BETWEEN CHANNEL	42.5	42.5	43.0	42.7	11-10	550	0.5	42
LOWER ANCHORAGE BASIN	41.0	40.8	40.6	39.9	12-10	550-1200	0.75	42
UPPER ANCHORAGE BASIN	31.0	35.3	36.1	33.1	10-10	450-940	0.75	38
HWY 74-76 TO BATTLESHIP (A)	21.0	30.0	34.0	31.0	6-10	400	0.6	32
BATTLESHIP TO HWY 133 INCLUDING TURNING BASIN (A)	13.0	28.0	29.0	17.0	6, 7,12-10	190-850	0.9	32
HWY 133 TO HILTON BRIDGE (A)	28.0	29.0	29.0	32.0	7-10	200-400	0.5	32
THENCE TO TURNING BASIN AT 34°16'21"N, 77°57'04"W (A)	20.0	20.0	19.0	15.0	7-10	200	1.0	25
TURNING BASIN (A)	18.0	21.0	11.0	9.0	7-10	700	0.1	25
THENCE TO END OF PROJECT AT 34°16'35"N, 77°57'02"W (A)	9.5	9.0	9.9	9.0	12-09	500	0.1	25

A. 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 18/11

MOREHEAD CITY HARBOR CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JAN 2011
AND SURVEYS TO JAN 2011

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	13.2	13.4	41.5	38.8	1-11	450-650	6.6	47
CUTOFF	48.9	39.6	20.1	11.6	11-10	600	0.7	45
RANGE B	31.1	35.1	40.0	37.6	11-10	400	1.3	45
RANGE C	37.9	47.9	42.0	36.8	12-10	1888	0.6	45
EAST LEG	42.2	41.7	41.4	39.5	12-10	455-880	0.3	45
WEST LEG	31.1	34.7	36.3	37.5	12-10	775	0.5	35
NORTHWEST LEG	26.4	29.3	31.4	35.2	12-10	120-1200	0.5	35

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

Chart 11547 NM 18/11

MOREHEAD CITY HARBOR CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JAN 2011
AND SURVEYS TO JAN 2011

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	13.2	13.4	41.5	38.8	1-11	450-650	6.6	47
CUTOFF	48.9	39.6	20.1	11.6	11-10	600	0.7	45
RANGE B	31.1	35.1	40.0	37.6	11-10	400	1.3	45
RANGE C	37.9	47.9	42.0	36.8	12-10	1888	0.6	45
EAST LEG	42.2	41.7	41.4	39.5	12-10	455-880	0.3	45
WEST LEG	31.1	34.7	36.3	37.5	12-10	775	0.5	35
NORTHWEST LEG	26.4	29.3	31.4	35.2	12-10	120-1200	0.5	35

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

Chart 12221 NM 18/11

THIMBLE SHOAL AND CHESAPEAKE BAY ENTRANCE CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO DEC 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 (NAUT. MILES)	DEPTH MLLW (FEET)
THIMBLE SHOAL CHANNEL (A)	48.2	50.4	50.7	45.3	4,5,7-09	1000	13.0	55
NORTH AUXILIARY CHANNEL (B)						450		32
SOUTH AUXILIARY CHANNEL (B)						450		32
CAPE HENRY CHANNEL	44.6	42.3	41.6	43.6	10,11,12-10	1000	4.0	50
YORK SPIT CHANNEL	45.0	49.0	49.0	47.0	5-08	1000C	18.4	50
YORK RIVER ENTRANCE CHANNEL	37.0	38.1	38.3	37.4	7-08	750	13.8	37

A. CHANNEL IS RESTRICTED TO EXCLUDE VESSELS AND TOWS DRAWING LESS THAN 25 FEET. CHANNEL MAINTAINED TO 50 FEET.
B. PROJECT MAINTENANCE DISCONTINUED
C. CHANNEL WIDTH MAINTAINED TO 800 FEET
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 12222 NM 18/11

NORFOLK HARBOR AND APPROACHES
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO DEC 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 (NAUT. MILES)	DEPTH MLLW (FEET)
THIMBLE SHOAL CHANNEL (A)	48.2	50.4	50.7	45.3	4,5,7-09	1000	13.0	55
NORTH AUXILIARY CHANNEL (B)						450		32
SOUTH AUXILIARY CHANNEL (B)						450		32
NORFOLK HARBOR								
ENTRANCE REACH	50.1	52.5	53.8	53.1	4-07	1000	1.4	50
NORFOLK HARBOR REACH	49.4	49.5	49.6	47.2	10,11,12-09	1250-800	3.8	55
CRANEY ISLAND REACH	48.9	48.5	49.9	49.0	10,11,12-09	800	2.1	55
LAMBERT BEND	43.0	43.0	43.0	41.6	1-10	750	0.3	45
LAMBERT BEND TO PINNER POINT	42.6	43.0	43.0	40.4	1-10	750	1.0	45
PINNER POINT TO TOWN PT REACH	37.2	40.0	40.0	39.2	1-10	750	1.0	45
NEWPORT NEWS CHANNEL	47.7	C49.7	49.4	48.8	4-10	800	4.2	55
CAPE HENRY CHANNEL	44.6	42.3	41.6	43.6	10,11,12-10	1000	4.0	50
YORK SPIT CHANNEL	45.0	49.0	49.0	47.0	5-08	1000D	18.4	50

A. CHANNEL IS RESTRICTED TO EXCLUDE VESSELS AND TOWS DRAWING LESS THAN 25 FEET. CHANNEL MAINTAINED TO 50 FEET.
B. PROJECT MAINTENANCE DISCONTINUED
C. 51 FOOT OBSTRUCTION LOCATED AT 36°57'12.4"N, 76°24'45.1"W.
D. CHANNEL WIDTH MAINTAINED TO 800 FEET
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 12224 NM 18/11

YORK SPIT CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAY 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)
YORK SPIT CHANNEL	45.0	49.0	49.0	47.0	5-08	1000A	18.4	50

A. CHANNEL WIDTH MAINTAINED TO 800 FEET.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 12238 NM 18/11

YORK RIVER ENTRANCE CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAR 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 (NAUT. MILES)	DEPTH MLLW (FEET)
YORK RIVER ENTRANCE	35.6	37.5	37.7	37.0	8-09;3-10	750	13.8	37

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

Chart 12281 NM 18/11

BALTIMORE HARBOR CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT TO DEC 2010
AND SURVEYS TO DEC 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)
BREWERTON CHANNEL	49.0	50.0	50.0	48.0	6-10	700	3.50	50
BREWERTON ANGLE	49.0	50.0	50.0	49.0	1-09	700-1460	1.10	50
FORT MCHENRY CHANNEL	50.0	50.0	50.0	50.0	3-10	700	4.22	50
FERRY BAR CHANNEL	34.0	42.0	42.0	42.0	4-10	600	1.50	42
CURTIS BAY CHANNEL	49.0	49.0	50.0	50.0	11-09	400-1275	2.25	50
NORTHWEST HARBOR								
EAST CHANNEL (INC. TURNING BASIN)	42.0	46.0	47.0	45.0	12-10	600-950	1.52	49
WEST CHANNEL (INC. TURNING BASIN)	39.0	39.0	39.0	38.0	2-10	600-1068	1.38	40

* ALL DEPTHS REPORTED TO NEAREST FOOT.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION