

Chart 12208

NM 7/11

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) NORTH AUXILIARY CHANNEL (B) SOUTH AUXILIARY CHANNEL (B)	48.2	50.4	50.7	45.3	4,5,7-09	1000	13.0	55
CAPE HENRY CHANNEL	44.6	42.3	41.6	43.6	10,11,12-10	450	4.0	32
A. CHANNEL IS RESTRICTED TO EXCLUDE VESSELS AND TOWS DRAWING LESS THAN 25 FEET. CHANNEL MAINTAINED TO 50 FEET. B. PROJECT MAINTENANCE DISCONTINUED NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 12221

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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) NORTH AUXILIARY CHANNEL (B) SOUTH AUXILIARY CHANNEL (B)	48.2	50.4	50.7	45.3	4,5,7-09	1000	13.0	55
CAPE HENRY CHANNEL	44.6	42.3	41.6	43.6	10,11,12-10	450	4.0	32
YORK SPIT CHANNEL	41.9	49.1	48.9	47.4	9-07	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

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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) NORTH AUXILIARY CHANNEL (B) SOUTH AUXILIARY CHANNEL (B)	48.2	50.4	50.7	45.3	4,5,7-09	1000	13.0	55
NORFOLK HARBOR						450		32
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	49.7	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	41.9	49.1	48.9	47.4	9-07	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								

SECTION I

Chart 12245

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NORFOLK HARBOR AND NEWPORT NEWS CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 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)
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
NEWPORT NEWS CHANNEL	47.7	48.7	49.4	48.8	4-10	800	4.2	55

A. 51 FOOT OBSTRUCTION LOCATED AT 36°57'12.4"N, 76°24'45.1"W.  
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 12252

NM 7/11

JAMES RIVER TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO FEB 2010			
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)			
NAME OF CHANNEL	DEPTH MLLW (FEET)	WIDTH (FEET)	DATE OF SURVEY
HOPEWELL TO RICHMOND DEEPWATER TERMINAL 37°27'06.0"N, 77°25'07.4"W	A 21.4	200	5-06;6-06
CHANNEL ADJOINING TURNING BASIN	19.5	200	2-10
TURNING BASIN	19.3	385	2-10
THENCE TO RICHMOND HARBOR TURNING BASIN	14.4	200	6-03;10-04;2-10
TURNING BASIN	4.4	140-175	2-10
THENCE TO THE LOCKS	B 8.1	200	2-10

A. EXCEPT FOR SHOALING TO 20.0 FEET WITHIN 40 FEET OF THE LEFT CHANNEL LIMIT AT 37°25'26.0"N, 77°24'06.2"W  
B. DEPTH REPORTED ONLY GOES TO 37°31'20.2"N 77°25'06.4"W.  
DEPTHS DIMINISH QUICKLY FROM 37°31'20.2"N 77°25'06.4"W TO THE LOCKS.  
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE

Chart 12253

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ELIZABETH RIVER CHANNEL DEPTHS 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 (NAUT. MILES)	DEPTH MLLW (FEET)
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 POINT REACH	37.2	40.0	40.0	39.2	1-10	750	1.0	45
TOWN POINT REACH	37.9	39.0	39.7	37.9	1-10	750	0.6	45
SOUTHERN BRANCH:								
LOWER REACH	37.7	39.2	39.4	35.9	1-10	450-800	1.7	45
MIDDLE REACH	33.5	39.7	40.0	34.4	1-10	375	0.9	45

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

Chart 12254

NM 7/11

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

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