

SECTION I

NM 44/12

Chart 12327

NM 44/12

ARTHUR KILL, KILL VAN KULL, NEWARK BAY, PORT NEWARK AND PORT ELIZABETH CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2012 AND SURVEYS TO MAY 2012								
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)
ARTHUR KILL (A)								
OUTERBRIDGE REACH	31.9	35.4	36.0	34.1	4,5-11;4,5-12	600-840	1.60	35
PORT SOCONY REACH	33.1	34.0	34.5	32.0	4,5-11	600-800	0.87	35
PORT READING REACH	32.4	34.2	34.1	26.0	4,5-11	500-850	1.80	35
FRESH KILLS REACH	33.1	34.6	35.9	32.2	4,5-11	500	1.65	35
TREMLEY POINT REACH	30.0	34.6	35.8	33.2	4,5-11	500	0.85	35
PRALLS ISLAND REACH	31.7	34.3	36.5	28.5	4,5-11	500	1.13	35
GULFPORT REACH	33.1	36.2	37.4	29.5	1,2,4,5-11	500-600	1.03	35
ELIZABETHPORT REACH	40.1	43.1	43.9	39.7	1,2-11	600-800	0.91	35
NORTH OF SHOOTERS ISLAND REACH	40.9	43.4	39.3	36.8	1,2-11	600	0.97	35
SOUTH OF SHOOTERS ISLAND REACH	B6.5	B13.8	B14.5	B10.1	11-04	400	0.94	30
KILL VAN KULL (A)								
BERGEN POINT WEST REACH	49.0	52.8	52.5	47.4	1,2-11	800-1150	1.12	45
BERGEN POINT EAST REACH	48.5	52.8	53.0	50.1	1,2-11	800	1.09	45
CONSTABLE HOOK REACH	45.4	46.2	48.3	49.1	1,2-11	800-2000	2.52	45
NEWARK BAY								
SOUTH REACH	45.0	45.0	46.3	42.0	6-11	1000-1775	1.32	45
REACH B : MIDDLE REACH	45.2	46.5	38.5	40.2	6-11	800-1700	0.88	45
REACH B1 : MIDDLE REACH	37.9	38.2	33.4	27.1	6-11	560-800	0.53	40
NORTH REACH	22.1	21.8	19.5	6.5	6-11	500-1030	1.36	35
TURNING BASIN	21.7	21.2	19.5	6.5	6-11	900	0.26	35
PORT NEWARK								
BRANCH REACH	26.4	37.4	35.2	29.5	6-11	400-1775	0.37	40
INSHORE REACH	33.0	31.7	30.7	30.6	6-11	400	1.06	40
PORT ELIZABETH CHANNEL REACH	39.8	40.0	39.4	37.2	12-11	500-800	1.26	45
A. CONTROLLING DEPTHS IN ARTHUR KILL AND KILL VAN KULL ARE REFERENCED FROM SEAWARD WHEN ENTERING FROM LOWER BAY.								
B. NUMEROUS WRECKS AND OBSTRUCTIONS WITH MINIMUM DEPTH TO 4 FEET WITHIN CHANNEL LIMITS.								
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 12327

NM 44/12

LOWER BAY, CHAPEL HILL, RARITAN BAY AND RIVER CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2012 AND SURVEYS TO JUN 2012								
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)
LOWER BAY:								
AMBROSE CHANNEL	39.9	45.9	45.8	41.7	4-03	2000	9.2	45
SANDY HOOK CHANNEL (EAST)	34.4	39.2	38.9	32.3	7,8-11	800-2150	4.5	35
SANDY HOOK CHANNEL (BAYSIDE)	16.5A	34.1	37.6	31.0	7,8-11;1-12	800	2.3	35
TERMINAL CHANNEL (NAVY)	45.0	45.0	45.0	45.0	9-09	400-1050	0.8	B45
TURNING BASIN (NAVY)	45.0	45.0	45.0	45.0	9-09	400-2300	0.6	B45
CHAPEL HILL:								
SOUTH CHANNEL (C)	*29.0	*29.3	*29.9	*20.5	2,3-12	1000	2.6	30
NORTH CHANNEL (C)	*29.0	*29.0	*27.2	*27.6	2,3-12	1000	2.2	30
RARITAN BAY:								
EAST REACH	32.5	38.6	37.7	32.8	4-12	600-800	3.9	35
WEST REACH	31.3	40.3	40.3	31.0	4-12	600	2.4	35
SEGUINE POINT BEND	28.9	34.3	35.7	18.6	4,5-12	600-1000	1.20	35
RED BANK REACH	33.2	40.9	40.8	32.9	4,5-12	600	1.23	35
WARD POINT BEND (EAST)	28.9	38.9	36.1	26.9	4,5-12	600-800	1.13	35
WARD POINT BEND (WEST)	34.3	35.3	32.7	29.0	4,5-12	600-800	1.35	35
WARD POINT SECONDARY CHANNEL	18.5	18.8	18.5	18.3	4,5-12	400	0.83	30
CUTOFF (D)	7.5	16.2	17.7	15.2	6-12	600-1740	1.0	20
RARITAN RIVER:								
GREAT BEDS REACH (E)	17.4	20.3	20.3	19.5	8-11	300	0.76	25
SOUTH AMBOY REACH (E)	17.8	19.8	19.8	16.4	8-11	300	1.2	25
A. SEVERE SHOALING HAVING A MINIMUM DEPTH OF +1.2 FEET EXISTS IN THE ENTIRE WIDTH OF THE LEFT OUTSIDE QUARTER OF THE CHANNEL FROM APPROXIMATELY 40°28'54.8"N 74°00'22.8"W TO 40°28'56.0"N 74°00'15.9"W.								
B. PROJECT DEPTHS IN THE TERMINAL CHANNEL AND TURNING BASIN ARE 45 FEET, EXCEPT AROUND PIERS 2 AND 3 WHERE THE PROJECT DEPTH IS 35 FEET. DEPTHS SHOALER THAN PROJECT DEPTHS ARE CHARTED IN CHANNELS.								
C. AN * DENOTES A SHOAL OBSTRUCTION. SPORADIC SHOAL OBSTRUCTIONS EXIST WITHIN THE CHANNEL BUT ARE NOT CHARTED. CONSULT CORPS OF ENGINEERS FOR LOCATION OF OBSTRUCTIONS.								
D. CONTROLLING DEPTHS ARE REFERENCED FROM SEAWARD WHEN ENTERING FROM RARITAN RIVER.								
E. THE CORPS OF ENGINEERS REPORTS MIDDLE HALF OF CHANNEL.								
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

## SECTION I

NM 44/12

Chart 12331

NM 44/12

RARITAN BAY, ARTHUR KILL AND RARITAN RIVER CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2012 AND SURVEYS TO JUN 2012								
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)
RARITAN BAY								
EAST REACH	32.5	38.6	37.7	32.8	4-12	600-800	3.9	35
WEST REACH	31.3	40.3	40.3	31.0	4-12	600	2.4	35
SEGUINE POINT BEND	28.9	34.3	35.7	18.6	4,5-12	600-1000	1.20	35
RED BANK REACH	33.2	40.9	40.8	32.9	4,5-12	600	1.23	35
WARD POINT BEND (EAST)	28.9	38.9	36.1	26.9	4,5-12	600-800	1.13	35
WARD POINT BEND (WEST)	34.3	35.3	32.7	29.0	4,5-12	600-800	1.35	35
WARD POINT SECONDARY CHANNEL	18.5	18.8	18.5	18.3	4,5-12	400	0.83	30
CUTOFF (A)	7.5	16.2	17.7	15.2	6-12	600-1740	1.0	20
ARTHUR KILL								
OUTERBRIDGE REACH	31.9	35.4	36.0	34.1	4,5-11;4,5-12	600-840	1.60	35
PORT SOCONY REACH	33.1	34.0	34.5	32.0	4,5-11	600-800	0.87	35
PORT READING REACH	32.4	34.2	34.1	26.0	4,5-11	500-850	1.8	35
FRESH KILLS REACH	33.1	34.6	35.9	32.2	4,5-11	500	1.65	35
RARITAN RIVER:								
GREAT BEDS REACH (B)	17.4	20.3	20.3	19.5	8-11	300	0.76	25
SOUTH AMBOY REACH (B)	17.8	19.8	19.8	16.4	8-11	300	1.2	25

A. CONTROLLING DEPTHS ARE REFERENCED FROM SEAWARD WHEN ENTERING FROM RARITAN RIVER.  
B. THE CORPS OF ENGINEERS REPORTS MIDDLE HALF OF CHANNEL.  
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 12332

NM 44/12

RARITAN BAY AND ARTHUR KILL CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2012 AND SURVEYS TO JUN 2012								
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)
RARITAN BAY:								
WARD POINT BEND (EAST)	28.9	38.9	36.1	26.9	5-12	600-800	1.13	35
WARD POINT BEND (WEST)	34.3	35.3	32.7	29.0	5-12	600-800	1.35	35
WARD POINT SECONDARY CHANNEL	18.5	18.8	18.5	18.3	5-12	400	0.83	30
CUTOFF (A)	7.5	16.2	17.7	15.2	6-12	600-1740	1.0	20
ARTHUR KILL:								
OUTERBRIDGE REACH	31.9	35.4	36.0	34.1	4,5-11;4,5-12	600-840	1.60	35

A. CONTROLLING DEPTHS ARE REFERENCED FROM SEAWARD WHEN ENTERING FROM RARITAN RIVER.  
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SECTION I

NM 44/12

Chart 12401

NM 44/12

LOWER BAY, CHAPEL HILL AND RARITAN BAY CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2012 AND SURVEYS TO APR 2012								
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)
LOWER BAY:								
AMBROSE CHANNEL	39.9	45.9	45.8	41.7	4-03	2000	9.2	45
SANDY HOOK CHANNEL (EAST)	34.4	39.2	38.9	32.3	7,8-11	800-2150	4.5	35
SANDY HOOK CHANNEL (BAYSIDE)	16.5A	34.1	37.6	31.0	7,8-11; 1-12	800	2.3	35
TERMINAL CHANNEL (NAVY)	45.0	45.0	45.0	45.0	9-09	400-1050	0.8	B45
TURNING BASIN (NAVY)	45.0	45.0	45.0	45.0	9-09	400-2300	0.6	B45
CHAPEL HILL:								
SOUTH CHANNEL (C)	29.0	29.3	29.9	20.5	2,3-12	1000	2.6	30
RARITAN BAY:								
EAST REACH	32.5	38.6	37.7	32.8	4-12	600-800	3.9	35
WEST REACH	31.3	40.3	40.3	31.0	4-12	600	2.4	35
<p>A. SEVERE SHOALING HAVING A MINIMUM DEPTH OF +1.2 FEET EXISTS IN THE ENTIRE WIDTH OF THE LEFT OUTSIDE QUARTER OF THE CHANNEL FROM APPROXIMATELY 40°28'54.8"N 74°00'22.8"W TO 40°28'58.0"N 74°00'15.9"W</p> <p>B. PROJECT DEPTHS IN THE TERMINAL CHANNEL AND TURNING BASIN ARE 45 FEET, EXCEPT AROUND PIERS 2 AND 3 WHERE THE PROJECT DEPTH IS 35 FEET. DEPTHS SHOALER THAN PROJECT DEPTHS ARE CHARTED IN CHANNELS.</p> <p>C. SPORADIC SHOAL OBSTRUCTIONS EXIST WITHIN THE CHANNEL BUT ARE NOT CHARTED. CONSULT CORPS OF ENGINEERS FOR LOCATION OF OBSTRUCTIONS.</p> <p>NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION</p>								

Chart 12402

NM 44/12

LOWER BAY AND CHAPEL HILL CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAY 2012 AND SURVEYS TO MAR 2012								
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)
LOWER BAY:								
AMBROSE CHANNEL	39.9	45.9	45.8	41.7	4-03	2000	9.2	45
CHAPEL HILL:								
SOUTH CHANNEL (A)	*29.0	*29.3	*29.9	*20.5	2,3-12	1000	2.6	30
NORTH CHANNEL (A)	*29.0	*29.0	*27.2	*27.6	2,3-12	1000	2.2	30
<p>A. AN * DENOTES A SHOAL OBSTRUCTION. SPORADIC SHOAL OBSTRUCTIONS EXIST WITHIN THE CHANNEL BUT ARE NOT CHARTED. CONSULT CORPS OF ENGINEERS FOR LOCATION OF OBSTRUCTIONS.</p> <p>NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION</p>								

Chart 18581

NM 44/12

YAQUINA BAY AND RIVER CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO AUG 2012							
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 MILES	DEPTH MLLW (FEET)
YAQUINA BAY HARBOR							
ENTRANCE	25	30	31	8-12	400-300	1.5	40-30
ENTRANCE TO TURNING BASIN	23	24	23	5-12	300	1.5	30
TURNING BASIN	12	22	26	5-12	1200	0.3	30
SOUTH BEACH MARINA HARBOR	10	10	6	7-08	100	0.4	10
THE MUD FLATS	11	11	12	3-09	200	2.0	18
YAQUINA RIVER							
WEISER POINT TO JOHNSON SLOUGH	9	8	9	3-09	150	3.1	10
FLEISHER SLOUGH TO NUTE SLOUGH	8	8	8	3-09	150	2.7	10
AMUNDSON SLOUGH TO TOLEDO	5	7	1	3-09	150	3.2	10
TOLEDO TO MI. 14.5	5	8	8	3-09	150	1.0	10
DEPOT SLOUGH	1	3	2	1-11	200	0.4	10
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

Chart 54407

NM 44/12

## SEAPLANE LANDING AREA

Firefighting aircraft temporarily land and refill water in the area. Navigation is prohibited during operations. For more information, contact the local Maritime authority.

Chart 54412

NM 44/12

## SEAPLANE LANDING AREA

Firefighting aircraft temporarily land and refill water in the area. Navigation is prohibited during operations. For more information, contact the local Maritime authority.

Chart 54416

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## SEAPLANE LANDING AREA

Firefighting aircraft temporarily land and refill water in the area. Navigation is prohibited during operations. For more information, contact the local Maritime authority.

Chart 54418

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## SEAPLANE LANDING AREA

Firefighting aircraft temporarily land and refill water in the area. Navigation is prohibited during operations. For more information, contact the local Maritime authority.