

## SECTION I

NM 46/14

Chart 12273

NM 46/14

CHESAPEAKE AND DELAWARE CANAL CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUN 2014							
CONTROLLING DEPTHS IN FEET AT LOCAL MEAN LOWER LOW WATER *					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)
3400 YARDS SOUTH OF POOLES ISLAND TO THE SOUTH END OF POOLES ISLAND	31.0	36.0	36.0	3-14	450	1.88	35
SOUTH END OF POOLES ISLAND TO WORTON POINT	35.0	34.0	32.0	1-13 ; 3-14	450	4.28	35
WORTON POINT TO HOWELL POINT	35.0	36.5	35.0	2-13	450	4.75	35
HOWELL POINT TO GROVE POINT	33.0	36.0	30.0	3-14	450	3.37	35
GROVE POINT TO TURKEY POINT	32.0	34.0	29.0	3,5,6-14	450	3.40	35
TURKEY POINT TO OLD TOWN POINT WHARF	32.0	33.0	31.0	4,5-14	450	5.45	35
OLD TOWN POINT WHARF TO BULL MINNOW POINT	31.0	35.0	32.0	3-14	450	1.79	35
BULL MINNOW POINT TO CHESAPEAKE CITY BRIDGE	26.0	31.0	25.9	4,5-14	450	3.53	35
CHESAPEAKE CITY BRIDGE TO BETHEL	31.0	31.5	29.8	4-14	450	1.52	35
* ENTERING FROM CHESAPEAKE BAY. NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

Chart 12274

NM 46/14

CHESAPEAKE AND DELAWARE CANAL CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUN 2014							
CONTROLLING DEPTHS IN FEET AT LOCAL MEAN LOWER LOW WATER *					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)
SOUTH END OF POOLES ISLAND TO WORTON POINT	35.0	34.0	32.0	1-13 ; 3-14	450	4.28	35
WORTON POINT TO HOWELL POINT	35.0	36.5	35.0	2-13	450	4.75	35
HOWELL POINT TO GROVE POINT	33.0	36.0	30.0	3-14	450	3.37	35
GROVE POINT TO TURKEY POINT	32.0	34.0	29.0	3,5,6-14	450	3.40	35
TURKEY POINT TO OLD TOWN POINT WHARF	32.0	33.0	31.0	4,5-14	450	5.45	35
OLD TOWN POINT WHARF TO BULL MINNOW POINT	31.0	35.0	32.0	3-14	450	1.79	35
BULL MINNOW POINT TO CHESAPEAKE CITY BRIDGE	26.0	31.0	25.9	4,5-14	450	3.53	35
CHESAPEAKE CITY BRIDGE TO BETHEL	31.0	31.5	29.8	4-14	450	1.52	35
* ENTERING FROM CHESAPEAKE BAY. NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

SECTION I

NM 46/14

Chart 12277 (Upper Panel)

NM 46/14

CHESAPEAKE AND DELAWARE CANAL CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAY 2014							
CONTROLLING DEPTHS IN FEET AT LOCAL MEAN LOWER LOW WATER *					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)
TURKEY POINT TO OLD TOWN POINT WHARF	32.0	33.0	31.0	4,5-14	450	5.45	35
OLD TOWN POINT WHARF TO BULL MINNOW POINT	31.0	35.0	32.0	3-14	450	1.79	35
BULL MINNOW POINT TO CHESAPEAKE CITY BRIDGE	26.0	31.0	25.9	4,5-14	450	3.53	35
CHESAPEAKE CITY BRIDGE TO BETHEL	31.0	31.5	29.8	4-14	450	1.52	35
BETHEL TO GUTHRIES RUN	29.2	31.0	31.5	4-14	450	1.13	35
GUTHRIES RUN TO SUMMIT BRIDGE	33.0	34.0	33.0	4-14	450	1.02	35
SUMMIT BRIDGE TO CONRAIL BRIDGE	35.0	34.9	32.0	4-14	450	1.65	35
CONRAIL BRIDGE TO ST. GEORGES BRIDGE	32.0	36.0	28.4	4-14	450	2.27	35
ST. GEORGES BRIDGE TO BIDDLE POINT	28.7	33.9	32.0	4-14	450	1.87	35
BIDDLE POINT TO REEDY POINT BRIDGE	33.4	34.7	33.6	4-14	450	1.68	35
REEDY POINT BRIDGE TO DELAWARE RIVER	29.0	34.5	31.2	4-14	450	1.63	35

\* ENTERING FROM CHESAPEAKE BAY.  
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 12311

NM 46/14

CHRISTINA RIVER CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 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)
DELAWARE RIVER TO THE UPPER END OF THE TURNING BASIN	34.0	35.0	35.0	7-14	500-340	0.70	38
THENCE TO LOBDELL CANAL	35.0	32.0	33.0	7-14	400	0.33	35
TURNING BASIN		A35.0		7-14	320	0.34	38
LOBDELL CANAL TO BRANDYWINE CR.		11.0		11-13	250	0.68	21
BRANDYWINE CR. TO MARKET ST.		B8.0		11-13	200	1.24	21
MARKET ST. TO 39°43'38"N, 75°33'40"W		C3.0		11-13	200	0.78	21
THENCE TO END OF CHANNEL		11.0		11-13	200	0.12	10

A. REPORTED DEPTH IS FOR FULL WIDTH OF BASIN.  
B. 0.7' DEPTH OBSERVED 27' INSIDE THE LEFT TOELINE OF THE CHANNEL. SURVEY WAS PERFORMED AT HIGH TIDE.  
C. 1.3' OBSERVED 22' WITHIN THE LEFT TOELINE OF THE CHANNEL. SURVEY WAS PERFORMED AT HIGH TIDE.  
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SECTION I

Chart 12312

NM 46/14

CHRISTINA RIVER CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 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)
DELAWARE RIVER TO THE UPPER END OF THE TURNING BASIN	34.0	35.0	35.0	7-14	500-340	0.70	38
THENCE TO LOBDELL CANAL	35.0	32.0	33.0	7-14	400	0.33	35
TURNING BASIN		A35.0		7-14	320	0.34	38
LOBDELL CANAL TO BRANDYWINE CR.		11.0		11-13	250	0.68	21
BRANDYWINE CR. TO MARKET ST.		B8.0		11-13	200	1.24	21
MARKET ST. TO 39°43'38"N, 75°33'40"W		C3.0		11-13	200	0.78	21
THENCE TO END OF CHANNEL		11.0		11-13	200	0.12	10

A. REPORTED DEPTH IS FOR FULL WIDTH OF BASIN.  
 B. 0.7' DEPTH OBSERVED 27' INSIDE THE LEFT TOELINE OF THE CHANNEL. SURVEY WAS PERFORMED AT HIGH TIDE.  
 C. 1.3' DEPTH OBSERVED 22' WITHIN THE LEFT TOELINE OF THE CHANNEL. SURVEY WAS PERFORMED AT HIGH TIDE.  
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18581

NM 46/14

YAQUINA BAY AND RIVER CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAY 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 MILES	DEPTH MLLW (FEET)
YAQUINA BAY HARBOR							
ENTRANCE	25	32	29	5-14	400-300	1.5	40-30
ENTRANCE TO TURNING BASIN	24	24	24	5-14	300	1.5	30
TURNING BASIN	11	20	23	5-14	1200	0.3	30
SOUTH BEACH MARINA HARBOR	6	7	8	1-14	100	0.4	10
THE MUD FLATS	12	12	12	11-13	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 18583

NM 46/14

SIUSLAW RIVER CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUNE 2014 AND SURVEYS TO MAY 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 (MILES)	DEPTH MLLW (FEET)
SIUSLAW RIVER ENTRANCE							
ENTRANCE TO MILE 0.2	15	14	16	5-14	300	0.8	18
MILE 0.2 TO MILE 0.8	14	16	16	5-14	200	0.6	16
CANNERY HILL REACH	14	13	12	3-14	200	1.3	16
SPRUCE POINT BEND	9	9	12	3-14	200	1.7	16
FLORENCE							
MILE 4.0 TO HIGHWAY BRIDGE	8	9	11	3-14	200	0.6	16
TURNING BASIN	9	7	6	3-14	400	1.1	16
TURNING BASIN TO ROSE HILL	8	7	7	3-14	150	0.9	12
NORTH FORK SHOAL	7	8	8	11-13	150	1.5	12
CUSHMAN	11	11	11	11-10	150	0.9	12

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

SECTION I

NM 46/14

Chart 18588

NM 46/14

COQUILLE RIVER CHANNEL							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUNE 2014 AND SURVEYS TO JUNE 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 (MILES)	DEPTH MLLW (FEET)
ENTRANCE TO PORT DOCK	12	12	8	6-14	200	0.7	13.0
PORT DOCK TO MILE 1.3	10	13	14	6-14	150	0.5	13.0
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							