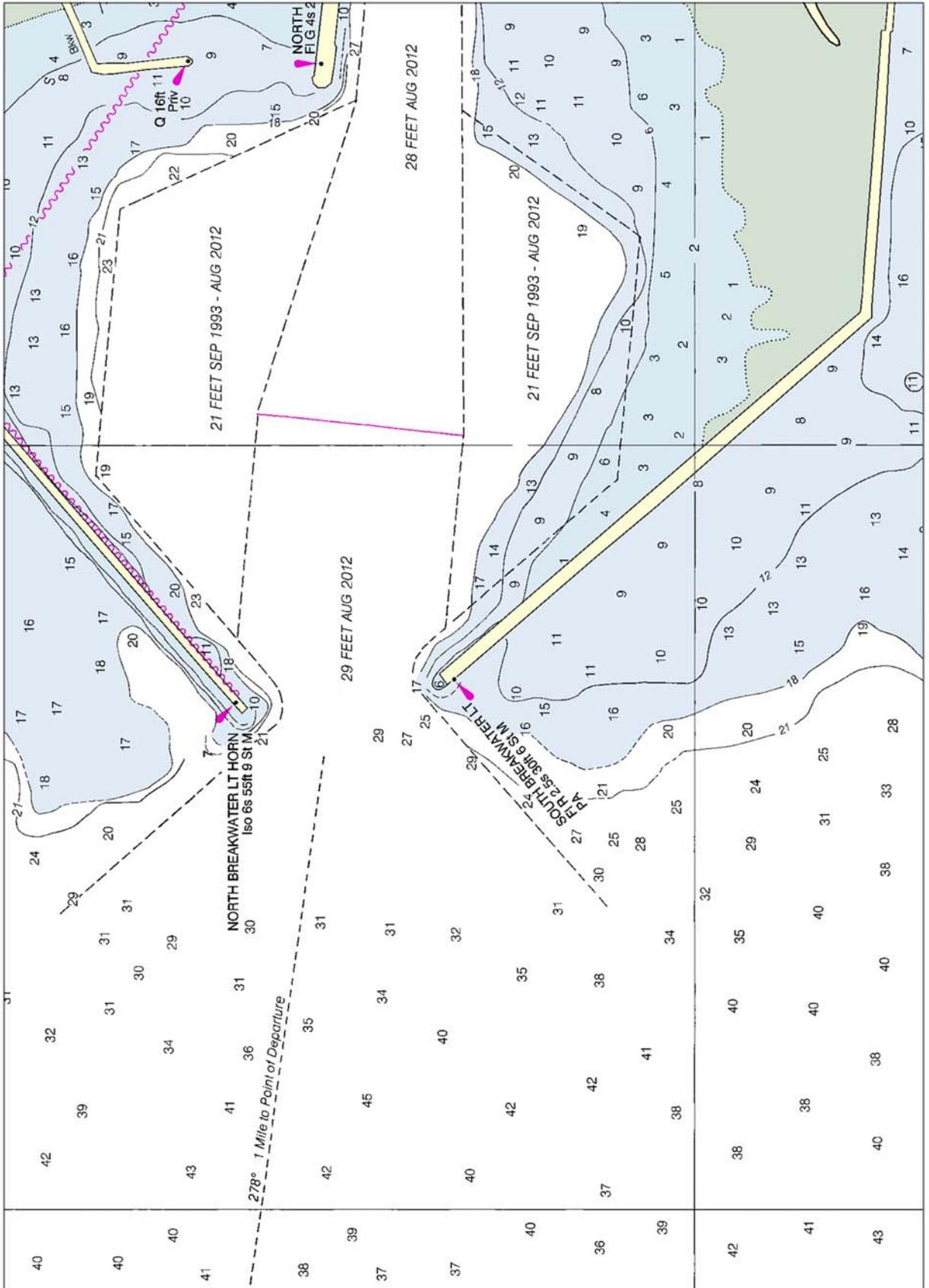
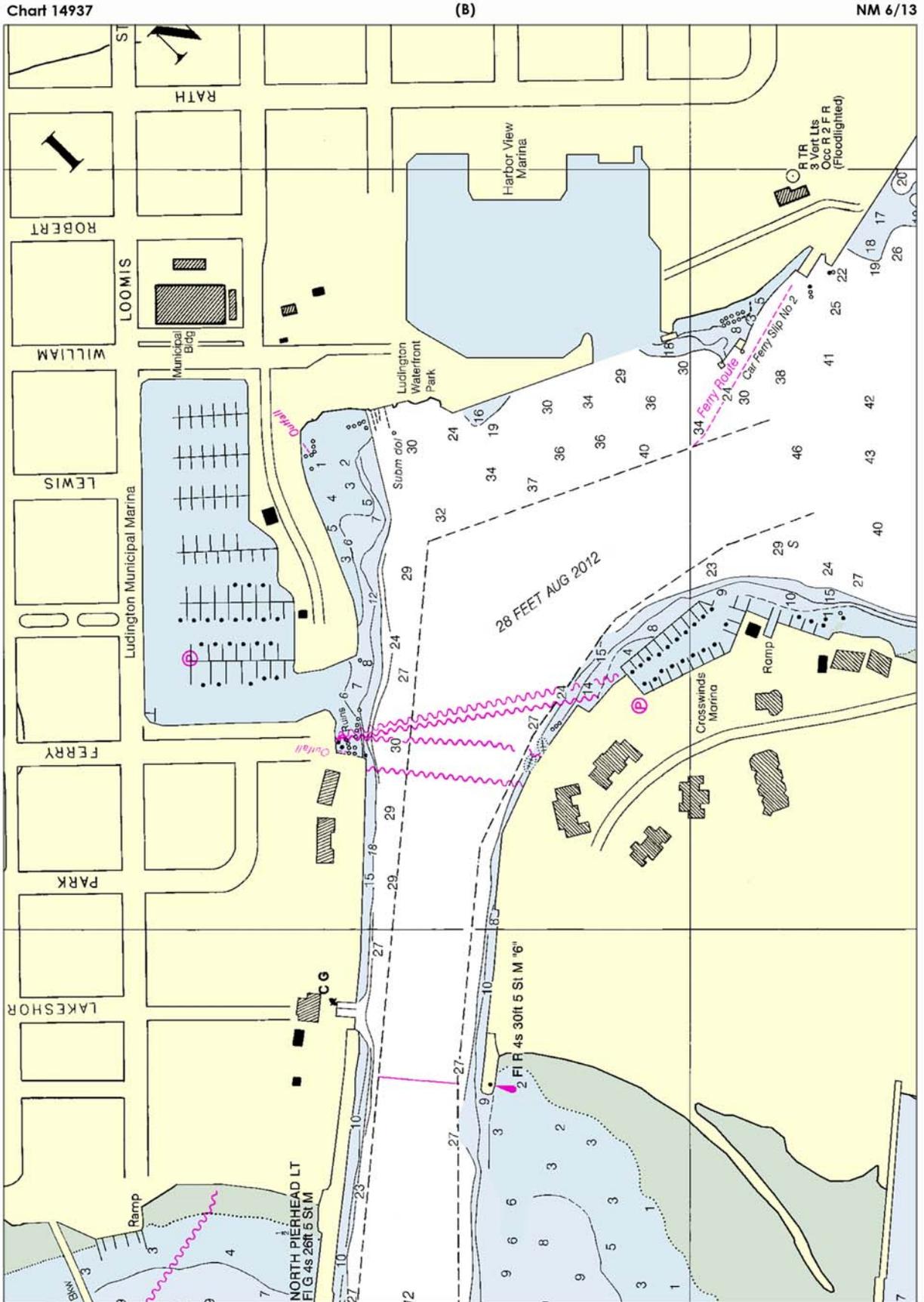


Chart 14937

(A)

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SECTION I

Chart 11299

NM N6/13

CORPUS CHRISTI CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 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)
ARANSAS PASS: SEA BAR CHANNEL	47.8	49.5	49.6	47.2	5-12	700-600	2.79	47
JETTY CHANNEL	49.0	48.0	44.7	47.1	9-12	600	1.28	47-45
INNER BASIN AT HARBOR ISLAND	43.0	47.0	46.1	38.0	10-12	600-1559	0.63	45
INNER BASIN MAIN CHANNEL	47.0	47.0	47.0	47.0	10-12	600	0.63	45
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 11305

NM N6/13

CORPUS CHRISTI CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 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 (MILES)	DEPTH MLLW (FEET)
HUMBLE BASIN TO JCT LA QUINTA CH	32.0	47.0	47.0	46.0	10-12	600-500	10.0	45
LA QUINTA CH JCT TO BCN 82	45.0	48.0	47.0	43.0	10-12	400	9.66	45
CHANNEL TO LA QUINTA	45.0	43.5	47.2	44.0	10-12	300-400	5.49	45
TURNING BASIN	47.5	44.0	45.8	46.4	10-12	1200	0.35	45
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 11309

NM 6/13

CORPUS CHRISTI CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 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 (MILES)	DEPTH MLLW (FEET)
ARANSAS PASS: SEA BAR CHANNEL	47.8	49.5	49.6	47.2	5-12	700-600	2.79	47
JETTY CHANNEL	49.0	48.0	44.7	47.1	9-12	600	1.28	47-45
INNER BASIN AT HARBOR ISLAND	43.0	47.0	46.1	38.0	10-12	600-1559	0.63	45
INNER BASIN MAIN CHANNEL	47.0	47.0	47.0	47.0	10-12	600	0.63	45
HUMBLE BASIN TO JCT LA QUINTA CH	32.0	47.0	47.0	46.0	10-12	600-500	10.0	45
LA QUINTA CH JCT TO BCN 82	45.0	48.0	47.0	43.0	10-12	400	9.66	45
BCN 82 TO MAIN TURNING BASIN	40.0	42.0	42.0	42.0	4-12	400-300	0.91	45
CHANNEL TO LA QUINTA	45.0	43.5	47.2	44.0	10-12	300-400	5.49	45
TURNING BASIN	47.5	44.0	45.8	46.4	10-12	1200	0.35	45
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

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Chart 11310

NM N6/13

CORPUS CHRISTI CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 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)
ARANSAS PASS: SEA BAR CHANNEL	47.8	49.5	49.6	47.2	5-12	700-600	2.79	47
JETTY CHANNEL	49.0	48.0	44.7	47.1	9-12	600	1.28	47-45
INNER BASIN AT HARBOR ISLAND	43.0	47.0	46.1	38.0	10-12	600-1559	0.63	45
INNER BASIN MAIN CHANNEL	47.0	47.0	47.0	47.0	10-12	600	0.63	45
HUMBLE BASIN TO JCT LA QUINTA CH	32.0	47.0	47.0	46.0	10-12	600-500	10.0	45

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

Chart 11311

NM 6/13

CORPUS CHRISTI CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 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 (MILES)	DEPTH MLLW (FEET)
LA QUINTA CH JCT TO BCN 82	45.0	48.0	47.0	43.0	10-12	400	9.66	45
BCN 82 TO MAIN TURNING BASIN	40.0	42.0	42.0	42.0	4-12	400-900	0.91	45
CORPUS CHRISTI:								
MAIN TURNING BASIN	41.0	46.0	46.0	42.0	4-12	300-800	1.21	45
INDUSTRIAL CANAL	43.0	46.0	48.0	45.0	4-12	400	0.59	45
AVERY POINT								
TURNING BASIN	43.7	46.0	44.2	44.2	10-12	400-875	0.47	45
CHEMICAL TURNING BASIN	44.0	47.0	44.5	43.5	10-12	400-1200	0.48	45
TULE LAKE CHANNEL	45.0	46.0	45.0	46.0	4-12	200-400	3.79	45
TULE LAKE TURNING BASIN	45.0	45.0	45.0	46.3	10-12	1200-300	0.45	45
VIOLA CHANNEL	46.0	46.0	47.0	28.0	4-12	300-200	1.71	45
VIOLA TURNING BASIN	46.0	47.0	46.1	46.0	4-12	700-900	0.3	45

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

Chart 11312

NM 6/13

CORPUS CHRISTI CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 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)
ARANSAS PASS: SEA BAR CHANNEL	47.8	49.5	49.6	47.2	5-12	700-600	2.79	47
JETTY CHANNEL	49.0	48.0	44.7	47.1	9-12	600	1.28	47-45
INNER BASIN AT HARBOR ISLAND	43.0	47.0	46.1	38.0	10-12	600-1559	0.63	45
INNER BASIN MAIN CHANNEL	47.0	47.0	47.0	47.0	10-12	600	0.63	45
HUMBLE BASIN TO JCT LA QUINTA CH	32.0	47.0	47.0	46.0	10-12	600-500	10.0	45
LA QUINTA CH JCT TO BCN 82	45.0	48.0	47.0	43.0	10-12	400	9.66	45
CHANNEL TO LA QUINTA	45.0	43.5	47.2	44.0	10-12	300-400	5.49	45

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

SECTION I

Chart 11318

NM N6/13

CORPUS CHRISTI CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 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 (MILES)	DEPTH MLLW (FEET)
HUMBLE BASIN TO JCT LA QUINTA CH	32.0	47.0	47.0	46.0	10-12	600-500	10.0	45
LA QUINTA CH JCT TO BCN 82	45.0	48.0	47.0	43.0	10-12	400	9.66	45
BCN 82 TO MAIN TURNING BASIN	40.0	42.0	42.0	42.0	4-12	400-300	0.91	45
CHANNEL TO LA QUINTA	45.0	43.5	47.2	44.0	10-12	300-400	5.49	45
TURNING BASIN	47.5	44.0	45.8	46.4	10-12	1200	0.35	45

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

Chart 11441

NM 6/13

KEY WEST HARBOR CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DEC 2001 AND SURVEYS TO FEB 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 (NAUT. MILES)	DEPTH MLLW (FEET)
MAIN CHANNEL RANGE	35.0	35.0	35.0	2-12	300	2.68	34
CUT A RANGE	36.0	36.0	35.0	2-12	800	1.03	34
CUT B RANGE	36.0	36.0	35.0	2-12	800-300	1.16	34
THENCE TO BUOY 23	32.0	31.0	33.0	2-12	300	.75	34
BUOY 23 TO TURNING BASIN	31.0	31.0	31.0	2-12	300	.24	30
KEY WEST BIGHT CHANNEL	18.0	16.0	14.0	2-12	150	.50	12

A. CORAL HEAD LOCATED WITH A DEPTH OF 32 FEET, LOCATED AT 24°31'46.6"N; 81°48'58.7"W.
 B. OBSTRUCTION LOCATED WITH A DEPTH OF 30 FEET, LOCATED AT 24°33'30.9"N; 81°48'35.3"W.
 C. OBSTRUCTION LOCATED WITH A DEPTH OF 14 FEET, LOCATED AT 24°33'47.2"N; 81°48'18.8"W.
 D. OBSTRUCTION LOCATED WITH A DEPTH OF 25 FEET, LOCATED AT 24°33'44.7"N; 81°48'26.2"W.
 E. OBSTRUCTION LOCATED WITH A DEPTH OF 13 FEET, LOCATED AT 24°33'49.4"N; 81°47'58.6"W.
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11447

NM 6/13

KEY WEST HARBOR CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DEC 2001 AND SURVEYS TO FEB 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 (NAUT. MILES)	DEPTH MLLW (FEET)
MAIN CHANNEL RANGE	35.0	35.0	35.0	2-12	300	2.68	34
CUT A RANGE	36.0	36.0	35.0	2-12	800	1.03	34
CUT B RANGE	36.0	36.0	35.0	2-12	800-300	1.16	34
THENCE TO BUOY 23	32.0	31.0	33.0	2-12	300	.75	34
BUOY 23 TO TURNING BASIN	31.0	31.0	31.0	2-12	300	.24	30
KEY WEST BIGHT CHANNEL	18.0	16.0	14.0	2-12	150	.50	12
TURNING BASIN	13.0	14.0	14.4	11-01; 2-12	125-300	.10	12

A. CORAL HEAD LOCATED WITH A DEPTH OF 32 FEET, LOCATED AT 24°31'46.6"N; 81°48'58.7"W.
 B. OBSTRUCTION LOCATED WITH A DEPTH OF 30 FEET, LOCATED AT 24°33'30.9"N; 81°48'35.3"W.
 C. OBSTRUCTION LOCATED WITH A DEPTH OF 14 FEET, LOCATED AT 24°33'47.2"N; 81°48'18.8"W.
 D. OBSTRUCTION LOCATED WITH A DEPTH OF 25 FEET, LOCATED AT 24°33'44.7"N; 81°48'26.2"W.
 E. OBSTRUCTION LOCATED WITH A DEPTH OF 13 FEET, LOCATED AT 24°33'49.4"N; 81°47'58.6"W.
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11505

NM 6/13

SAVANNAH RIVER CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 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 (MILES)	DEPTH MLLW (FEET)
TYBEE RANGE	43.0	44.5	45.5	42.5	10-12	600	3.78	44
BLOODY POINT RANGE	41.5	43.5	44.0	42.0	10-12	600	3.41	44
JONES ISLAND RANGE	41.5	44.0	45.0	44.0	10-12	600	1.33	44
TYBEE KNOLL CUT RANGE	42.5	43.5	44.5	43.0	10-12	500	2.84	42

NOTE: AT MEAN HIGH WATER, DEPTHS ARE ABOUT 7 FEET GREATER AT LOWER END OF THE HARBOR AND 7.7 FEET GREATER AT UPPER END OF HARBOR.
NOTE: FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 75 FEET INSIDE THE CHANNEL LIMITS.
NOTE- CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11506

NM 6/13

BRUNSWICK HARBOR CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF SEP 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 (MILES)	DEPTH MLLW (FEET)
ENTRANCE THRU TURTLE RIVER								
ST. SIMONS RANGE	29.5	33.0	33.0	30.5	9-12	500	9.7	38
PLANTATION CREEK RANGE (A)	35.0	39.0	41.5	41.5	9-12	400	1.8	36
JEKYLL ISLAND RANGE (B)	39.0	38.5	38.0	37.0	9-12	400	1.9	36
CEDAR HAMMOCK RANGE (C)	37.0	37.0	35.5	33.0	9-12	400	1.4	36
BRUNSWICK POINT CUT RANGE	35.0	36.5	38.0	37.0	9-12	400	2.4	36
TURTLE RIVER LOWER RANGE	36.5	37.5	37.5	36.5	9-12	400	1.8	36
BLYTHE ISLAND RANGE	30.0	29.0	28.0	27.0	9-12	300	1.5	30
TURTLE RIVER UPPER RANGE	30.5	30.5	28.0	27.0	9-12	300	2.7	30
EAST RIVER (D)								
ENTRANCE TO SECOND AVE (E)	35.5	35.5	35.0	35.0	8-12	400	1.2	37- 41
SECOND AVE TO MAYOR'S POINT	35.0	36.0	36.5	36.0	8-12	400	1.0	36
SOUTH BRUNSWICK RIVER (F & G)	36.5	38.0	37.5	35.0	9-12	400	1.3	36

A. THE WIDENER AT INTERSECTION OF PLANTATION CREEK RANGE AND JEKYLL ISLAND RANGE LEAST DEPTHS WERE 47.0 FEET, LOCATED 100 FEET INSIDE THE CHANNEL LIMIT, AND 53.0 FEET, LOCATED 400 FEET INSIDE THE CHANNEL LIMIT FROM THE LEFT SIDE.
B. THE WIDENER AT INTERSECTION OF JEKYLL ISLAND RANGE AND CEDAR HAMMOCK RANGE LEAST DEPTH WAS 38.0 FEET, LOCATED 75 FEET INSIDE THE CHANNEL LIMIT FROM THE RIGHT SIDE.
C. THE WIDENER AT INTERSECTION OF CEDAR HAMMOCK RANGE AND BRUNSWICK POINT CUT RANGE LEAST DEPTH WAS 36.0 FEET, LOCATED 50 FEET INSIDE THE CHANNEL LIMIT FROM THE RIGHT SIDE.
D. THE EAST RIVER TURNING BASIN LEAST DEPTHS WERE 35.0 FEET 100 FEET FROM BACKSIDE, 34.0 FEET 400 FEET FROM BACKSIDE AND 34.0 FEET 600 FEET FROM BACKSIDE.
E. THE EAST RIVER ENTRANCE TO SECOND AVE WIDENER LEAST DEPTHS WERE 26.0 FEET LOCATED 50 FEET INSIDE THE CHANNEL LIMIT AND 32.0 FEET LOCATED 150 FEET INSIDE THE CHANNEL LIMIT FROM THE LEFT SIDE, AND 42.0 FEET LOCATED 75 FEET INSIDE THE CHANNEL LIMIT FROM THE RIGHT SIDE.
F. THE SOUTH BRUNSWICK RIVER TURNING BASIN LEAST DEPTHS WERE 40.0 FEET, 100 FEET AND 40.0 FEET, 400 FEET FROM THE LEFT SIDE AND 39.5 FEET, 100 FEET AND 39.0 FEET, 400 FEET FROM THE RIGHT SIDE.
G. THE SOUTH BRUNSWICK RIVER GPA DOCK LEAST DEPTHS WERE 35.5 FEET ALONG THE DOCK AND 36.0 FEET ON THE RIGHT SIDE.
H. EXCEPT FOR A 35 FEET OBSTRUCTION LOCATED BY A NOS SURVEY OF JUL 2006 AT 31°04'15.5"N, 081°16'57.4"W.
I. EXCEPT FOR A DANGEROUS WRECK LOCATED IN APPROXIMATE POSITION 31°08'49.8"N, 81°29'59.3"W.

NOTE - FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 50 FEET INSIDE THE CHANNEL LIMITS. (EXCEPT FOR THE EAST RIVER TURNING BASIN)
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SECTION I

Chart 11512

NM 6/13

SAVANNAH RIVER CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 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 (MILES)	DEPTH MLLW (FEET)
TYBEE RANGE	43.0	44.5	45.5	42.5	10-12	600	3.79	44
BLOODY POINT RANGE	41.5	43.5	44.0	42.0	10-12	600	3.41	44
JONES ISLAND RANGE	41.5	44.0	45.0	44.0	10-12	600	1.33	44
TYBEE KNOLL CUT RANGE	42.5	43.5	44.5	43.0	10-12	500	2.84	42
NEW CHANNEL RANGE (A)	41.5	43.0	43.0	42.0	10-12	500	1.89	42
L. I. CROSSING RANGE	41.0	41.0	42.0	40.0	10-12	500	3.03	42
LOWER FLATS RANGE	39.0	44.0	43.5	42.0	10-12	500	1.52	42
UPPER FLATS RANGE	46.5	45.0	45.0	41.5	10-12	500	1.33	42
THE BIGHT CHANNEL	45.5	46.5	47.0	47.0	10-12	500	1.7	42
FT. JACKSON RANGE	43.5	46.0	46.0	44.5	10-12	500	0.76	42
OGLETHORPE RANGE	41.5	44.5	45.0	45.5	10-12	500	1.33	42
WRECKS CHANNEL (B)	40.5	44.5	46.5	45.0	10-12	500	1.7	42
CITY FRONT CHANNEL	41.5	46.0	45.5G	37.5	10-12	500	1.7	42
MARSH ISLAND CHANNEL (C)	41.5H	42.0	46.0	41.5	10-12	500	1.9	42
KINGS ISLAND CHANNEL (D)	38.0	39.5	40.5	40.0I	10-12	500	2.46	42
WHITEHALL CHANNEL (E)	29.0	29.0	30.5	32.0	10-12	400	0.66	42-36
PORT WENTWORTH CHANNEL (F)	30.0J	26.0	25.5	32.0	12-94; 10-12	200	1.33	30

A. OYSTER BED I. TURNING BASIN-CONTROLLING DEPTH 43.5 FT, 40.0 FT 100 FT FROM BACKSIDE.
 B. FIG ISLAND TURNING BASIN-CONTROLLING DEPTH 38.0 FT, 34.0 FT 100 FT FROM BACKSIDE.
 C. MARSH ISLAND TURNING BASIN-CONTROLLING DEPTH 30.0 FT, 32.0 FT 100 FT FROM BACKSIDE.
 D. KINGS ISLAND TURNING BASIN-CONTROLLING DEPTH 34.0 FT, 32.0 FT 100 FT FROM BACKSIDE.
 E. ARGYLE ISLAND TURNING BASIN-CONTROLLING DEPTH 26.0 FT 100 FT FROM BACKSIDE.
 F. PORT WENTWORTH TURNING BASIN-CONTROLLING DEPTH 26.0 FT, 17.0 FT 100 FT FROM BACKSIDE.
 G. EXCEPT FOR A 41 FOOT OBSTRUCTION LOCATED BY A NOS SURVEY AT 32°05'00.06"N 81°05'27.07"W
 H. EXCEPT FOR A 39 FOOT OBSTRUCTION LOCATED BY A NOS SURVEY AT 32°05'18.29"N 81°05'58.99"W
 I. EXCEPT FOR A 38 FOOT OBSTRUCTION LOCATED BY A NOS SURVEY AT 32°07'27.45"N 81°08'02.29"W
 J. EXCEPT FOR A 31 FOOT OBSTRUCTION LOCATED BY A NOS SURVEY AT 32°09'15.04"N 81°09'11.46"W

NOTE: AT MEAN HIGH WATER, DEPTHS ARE ABOUT 7 FEET GREATER AT LOWER END OF THE HARBOR AND 7.7 FEET GREATER AT UPPER END OF HARBOR.
 NOTE: FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 75 FEET INSIDE THE CHANNEL LIMITS.
 NOTE- CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11514 (Side A)

NM 6/13

SAVANNAH RIVER CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 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 (MILES)	DEPTH MLLW (FEET)
OGLETHORPE RANGE	41.5	44.5	45.0	45.5	10-12	500	1.33	42
WRECKS CHANNEL (A)	40.5	44.5	46.5	45.0	10-12	500	1.7	42
CITY FRONT CHANNEL	41.5	46.0	45.5F	37.5	10-12	500	1.7	42
MARSH ISLAND CHANNEL (B)	41.5G	42.0	46.0	41.5	10-12	500	1.9	42
KINGS ISLAND CHANNEL (C)	38.0	39.5	40.5	40.0H	10-12	500	2.46	42
WHITEHALL CHANNEL (D)	29.0	29.0	30.5	32.0	10-12	400	0.66	42-36
PORT WENTWORTH CHANNEL (E)	30.0I	26.0	25.5	32.0	12-94; 10-12	200	1.33	30

A. FIG ISLAND TURNING BASIN-CONTROLLING DEPTH 38.0 FT, 34.0 FT 100 FT FROM BACKSIDE.
 B. MARSH ISLAND TURNING BASIN-CONTROLLING DEPTH 30.0 FT, 32.0 FT 100 FT FROM BACKSIDE.
 C. KINGS ISLAND TURNING BASIN-CONTROLLING DEPTH 34.0 FT, 32.0 FT 100 FT FROM BACKSIDE.
 D. ARGYLE ISLAND TURNING BASIN-CONTROLLING DEPTH 26.0 FT 100 FT FROM BACKSIDE.
 E. PORT WENTWORTH TURNING BASIN-CONTROLLING DEPTH 26.0 FT, 17.0 FT 100 FT FROM BACKSIDE.
 F. EXCEPT FOR A 41 FOOT OBSTRUCTION LOCATED BY A NOS SURVEY AT 32°05'00.06"N 81°05'27.07"W
 G. EXCEPT FOR A 39 FOOT OBSTRUCTION LOCATED BY A NOS SURVEY AT 32°05'18.29"N 81°05'58.99"W
 H. EXCEPT FOR A 38 FOOT OBSTRUCTION LOCATED BY A NOS SURVEY AT 32°07'27.45"N 81°08'02.29"W
 I. EXCEPT FOR A 31 FOOT OBSTRUCTION LOCATED BY A NOS SURVEY AT 32°09'15.04"N 81°09'11.46"W

NOTE: AT MEAN HIGH WATER, DEPTHS ARE ABOUT 7 FEET GREATER AT LOWER END OF THE HARBOR AND 7.7 FEET GREATER AT UPPER END OF HARBOR.
 NOTE: FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 75 FEET INSIDE THE CHANNEL LIMITS.
 NOTE- CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SECTION I

NM 6/13

Chart 11521

NM 6/13

CHARLESTON HARBOR ENTRANCE								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO SEP 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 (MILES)	DEPTH MLLW (FEET)
ENTRANCE CHANNEL	45.5	48.6	47.4	46.3	9-12	A1000	17.5	B47
MOUNT PLEASANT RANGE	45.9	50.3	50.2	49.1	9-12	1000-600	1.8	45
A. MAINTAINED 800 FEET WIDE.								
B. 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 6/13

CHARLESTON HARBOR ENTRANCE								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO SEP 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 (MILES)	DEPTH MLLW (FEET)
ENTRANCE CHANNEL	45.5	48.6	47.4	46.3	9-12	A1000	17.5	B47
MOUNT PLEASANT RANGE	45.9	50.3	50.2	49.1	9-12	1000-600	1.8	45
REBELLION REACH	46.7	48.7	49.9	47.1	9-12	600	1.6	45
A. MAINTAINED 800 FEET WIDE.								
B. 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								

SECTION I

Chart 11524

NM 6/13

CHARLESTON HARBOR, COOPER RIVER AND SHIPYARD RIVER TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS- SURVEYS TO SEP 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 (MILES)	DEPTH MLLW (FEET)
ENTRANCE CHANNEL	45.5	48.8	47.4	46.3	9-12	A1000	17.5	B47
MOUNT PLEASANT RANGE	45.9	50.3	50.2	49.1	9-12	1000-600	1.8	45
REBELLION REACH	46.7	48.7	49.9	47.1	9-12	600	1.6	45
BENNIS REACH	45.2	48.7	47.9	47.6	9-12	600	1.5	45
HORSE REACH	50.4	50.6	50.3	45.6	9-12	(C) VARIES	0.6	45
CUSTOMHOUSE REACH	35.0	49.0	48.0	47.0	4-10	1385	0.2	45
SOUTH CHANNEL	25.0	25.0	25.0	D25.0	10-96; 11-10	600-1000	3.6	45
HOG ISLAND REACH	47.3	46.7	47.2	44.5	9-12	(E) 800-600	1.7	45
DRUM ISLAND REACH	44.6	49.3	48.5	47.1	9-12	1200-600	0.8	45
TIDEWATER REACH	F36.4	F35.1	F35.1	F35.7	9-12	650	0.7	45
TOWN CREEK LOWER REACH	F38.5	F42.2	F45.2	F47.2	9-12	450-400	1.1	45
TOWN CREEK LOWER REACH TB	42.4	37.5	37.5	38.1	9-12	300	0.25	35
TOWN CREEK UPPER REACH	40.7	40.5	40.5	41.7	7-11	250	1.0	16
MYERS BEND	49.9	49.3	48.1	46.5	9-12	VARIES	0.5	45
DANIEL ISLAND REACH	43.9	46.6	43.5	39.8	7-12	880	1.4	45
DANIEL ISLAND BEND	49.2	49.9	51.6	50.2	7-12	800-700	0.5	45
CLOUTER CREEK REACH	46.2	48.2	48.1	45.0	7-12	600	1.3	45
NAVY YARD REACH	44.5	48.2	48.4	40.8	7-12	600-700	1.1	45
NORTH CHARLESTON REACH	46.2	49.0	49.3	46.8	8-12	500-600	1.0	45
FILBIN CREEK REACH	44.0	48.0	50.6	48.3	8-12	500	0.9	45
PORT TERMINAL REACH	44.4	49.1	49.1	47.6	8-12	600	0.7	45
ORDNANCE REACH	37.4	37.1	G40.8	G42.4	8-12	600	0.4	45
ORDNANCE REACH TURNING BASIN	G43.5	H35.1	H35.1	31.7	8-12	800	0.4	45
WANDO RIVER								
LOWER REACH	47.4	48.0	48.5	46.4	9-12	1500-400	1.4	45
UPPER REACH	F45.6	F46.2	F46.2	F44.3	9-12	850-600	0.9	45
TURNING BASIN	46.7	48.7	47.7	47.7	9-12	550	0.4	45
SHIPYARD CREEK								
MAIN CHANNEL	25.9	28.0	28.0	23.7	9-12	1200-200	1.1	45-30
LOWER TURNING BASIN	37.0	39.8	39.8	35.7	9-12	VARIES	0.2	45
UPPER TURNING BASIN	21.9	21.3	21.3	21.0	9-12	VARIES	0.1	30
COOPER RIVER								
RANGE A	39.0	39.0	39.0	137.0	6-11; 9-11	400-650	1.2	35
RANGE B	32.6	35.1	35.1	35.0	3-10; 6-11	500-700	0.9	35
RANGE C	22.0	32.8	39.0	35.0	1-99; 12-03; 6-11	550-1000	0.9	35
RANGE D	29.8	30.0	28.0	26.0	3-10; 6-11	400-650	0.7	35
RANGE E	31.0	36.0	38.0	38.0	6-11	350-650	0.4	35
RANGE F	25.0	34.0	36.0	34.0	1-95; 6-11	650-800	0.3	35

A. MAINTAINED 800 FEET WIDE.
 B. FOR WIDTH OF 1000 FEET, THE PROJECT DEPTH IS 42 FEET FOR OUTER 100 FEET.
 C. ONLY REPORTING 600' WIDTH FROM RIGHT TOE OF CHANNEL.
 D. ALONG CHANNEL EDGE.
 E. ONLY REPORTING 600' WIDTH FROM LEFT TOE OF CHANNEL.
 F. NEAR END OF PIER.
 G. NEAR END OF REACH.
 H. NEAR DOWNSTREAM TOE.
 I. 31.0 FT ALONG CHANNEL EDGE.
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SECTION I

Chart 11532

NM 6/13

WINYAH BAY AND GEORGETOWN HARBOR								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF SEP 2012 AND SURVEYS TO SEP 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 (MILES)	DEPTH MLLW (FEET)
ENTRANCE CHANNEL	25.3	24.7	23.0	15.2	9-12	600	2.4	27
RANGE B	25.2	28.7	29.9	26.0	9-12	600	1.0	27
SOUTH ISLAND BEND (A)	33.8	30.7	24.8	18.9	8-12	600	0.5	27
RANGE C	19.7	19.4	19.4	25.4	8-12	400	1.7	27
RANGE D	25.7	27.1	27.1	28.4	7-12	400B	1.7	27
RANGE E	22.2	22.8	22.8	23.6	7-12	400B	5.7	27
FRAZIER PT. BEND	20.2	20.0	20.0	19.9	7-12	400B	0.7	27
RABBIT ISLAND CHANNEL	22.2	22.3	22.3	22.5	7-12	400B	2.2	27
SAMPIT RIVER CHANNEL	7.1	5.2	5.2	5.3	8-12	400B	1.3	27
STEELMILL CHANNEL	9.3	9.5	9.5	4.9	8-12	VARIES	0.3	27
PAPERMILL CHANNEL	16.7	20.1	20.1	23.3	8-12	VARIES	0.3	27
BYPASS CHANNEL	—	7.7	7.7	—	8-12	400C	1.2	18D

(A) THE LOWER PORTION OF SOUTH ISLAND BEND IS NOT SHOWN ON THE TAB DUE TO SEVERE SHOALING. CHANNEL LIMITS HAVE BEEN REMOVED AND HYDROGRAPHY SHOWN ON CHART. BUOYS MARK THE DEEPER WATER.
 (B) MAINTAINED 300'
 (C) MAINTAINED 100'
 (D) MAINTAINED 12'

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

Chart 18558

NM 6/13

TILLAMOOK BAY CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOV 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)
ENTRANCE CHANNEL TO TURNING BASIN	16.0	17.0	15.0	9-12	200	1.0	18

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

Chart 18581

NM 6/13

YAQUINA BAY AND RIVER CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO OCT 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	27	32	31	10-12	400-300	1.5	40-30
ENTRANCE TO TURNING BASIN	23	24	24	10-12	300	1.5	30
TURNING BASIN	12	21	24	10-12	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

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NM 6/13

Chart 18584

NM 6/13

UMPQUA RIVER CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOV 2012 AND SURVEYS TO NOV 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)
UMPQUA RIVER ENTRANCE							
ENTRANCE CHANNEL	25	29	30	9-12	—	1.2	26
UMPQUA RIVER TURN	21	23	22	9-12	200	1.3	22
SALMON HARBOR REACH	22	22	21	9-12	200	2.1	22
BARRETTS RANGE	20	20	20	9-12	200	2.0	22
MILE SIX BAR	21	21	21	9-11	200	2.2	22
CANNERY SANDS							
JCT TO LEEDS ISLAND LIGHT	15	15	14	4-11	200	1.8	22
GARDINER CHANNEL	13	12	4	4-11	200	1.2	22
TURNING BASIN	5	3	1	4-11	—	0.2	22
REEDSPORT REACH							
CHANNEL (9.85-10.8)	17	17	17	5-11	200	1.15	22
TURNING BASIN	22	25	23	5-11	600	0.2	22
CHANNEL (11.0-11.8)	13	13	8	5-11	200	0.8	22
WINCHESTER BAY							
WEST CHANNEL	10	12	12	10-11	100	0.9	16
EAST CHANNEL (0.0-0.7)	11	11	11	10-11	100	0.9	16
EAST CHANNEL (0.7-0.9)	9	5	4	10-11	75	—	12

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

Chart 18587

NM 6/13

COOS BAY, ISTHMUS SLOUGH AND CHARLESTON CHANNEL DEPTHS							
TABULATED FROM SURVEYS AND REPORTS BY THE CORPS OF ENGINEERS - REPORT OF NOV 2012 AND SURVEYS TO NOV 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 (FEET)
ENTRANCE RANGE	39	39	40	11-12	—	1.9	37
ENTRANCE RANGE AND TURN	37	44	34	9-12	300	0.8	37
COOS BAY INSIDE RANGE	39	38	37	9-12	300	0.8	37
COOS BAY RANGE	37	38	37	9-12	300	0.9	37
EMPIRE RANGE	35	37	29	11-12	300-800	2.3	37
LOWER JARVIS RANGE	33	37	24	10-12	300-800	1.1	37
JARVIS TURN RANGE	37	42	36	10-12	300	0.6	37
UPPER JARVIS RANGE A	38	36	38	10-12	300	1.0	37
UPPER JARVIS RANGE B	34	36	34	10-12	400	1.4	37
NORTH BEND LOWER RANGE	36	38	34	10-12	400	0.4	37
RANGE AND TURN	35	38	34	10-12	500	0.4	37
NORTH BEND RANGE	26	38	37	10-12	400	1.1	37
NORTH BEND UPPER RANGES	33	38	36	10-12	400	0.8	37
LOWER TURNING BASIN	27	33	30	10-12	800	0.5	37
FERNDALE LOWER RANGE	35	39	35	10-12	400	0.4	37
FERNDALE TURN	27	36	35	10-12	400	0.1	37
FERNDALE UPPER RANGE	9	31	29	10-12	400	0.9	37
MARSHFIELD RANGE	33	35	26	10-12	400	0.4	37
MARSHFIELD RANGE TO							
ISTHMUS SLOUGH	24	17	30	10-12	400-600	0.9	37
ISTHMUS SLOUGH	19	20	19	4-85	150	2.0	22
CHARLESTON CHANNEL							
ENTRANCE	12	21	17	11-12	150	0.3	17
ENTRANCE TO BASIN	13	18	13	11-12	150	0.4	17
BASIN	16	16	7	11-12	250-500	0.2	16
BASIN TO BRIDGE	11	13	11	11-12	150	0.3	16

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