

Chart 74180

(A)

NM N47/12

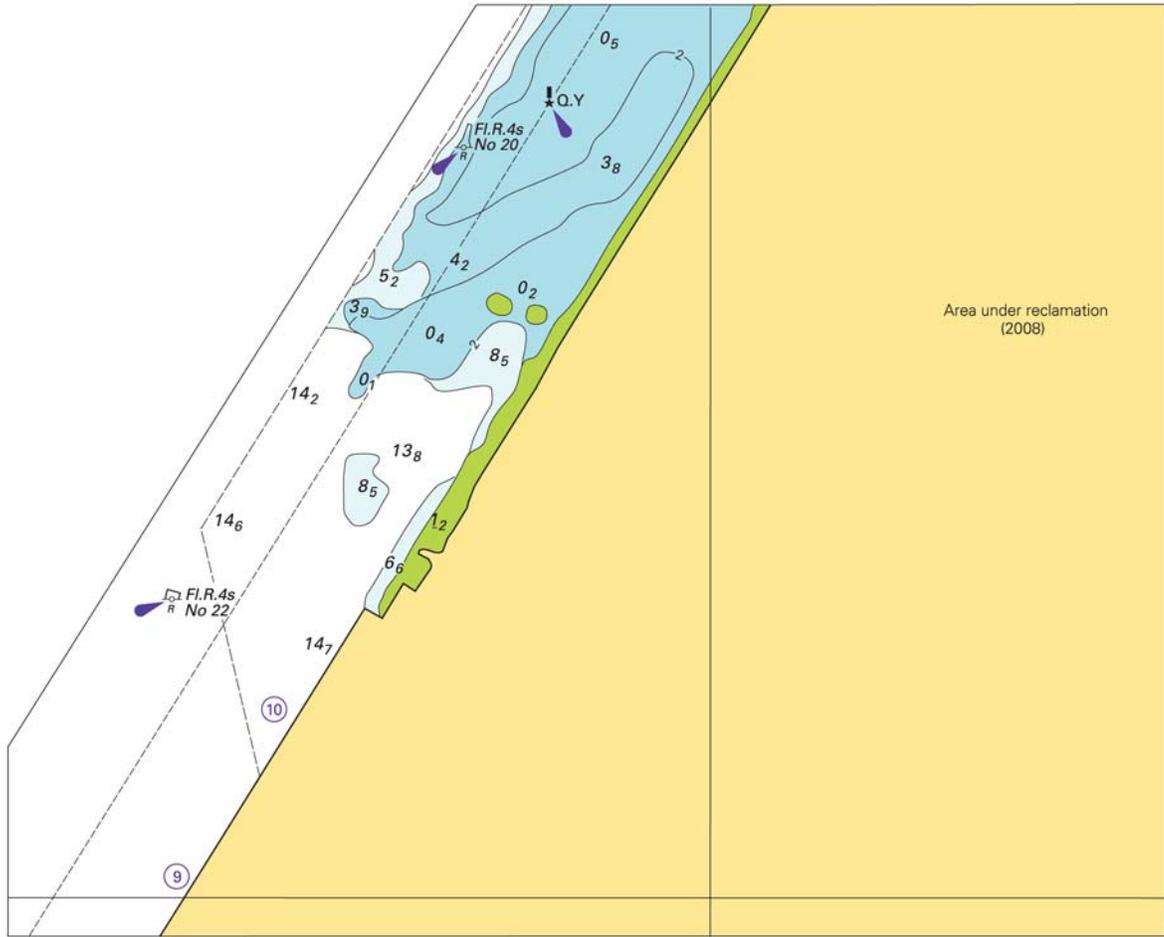


Chart 74180

(B)

NM N47/12

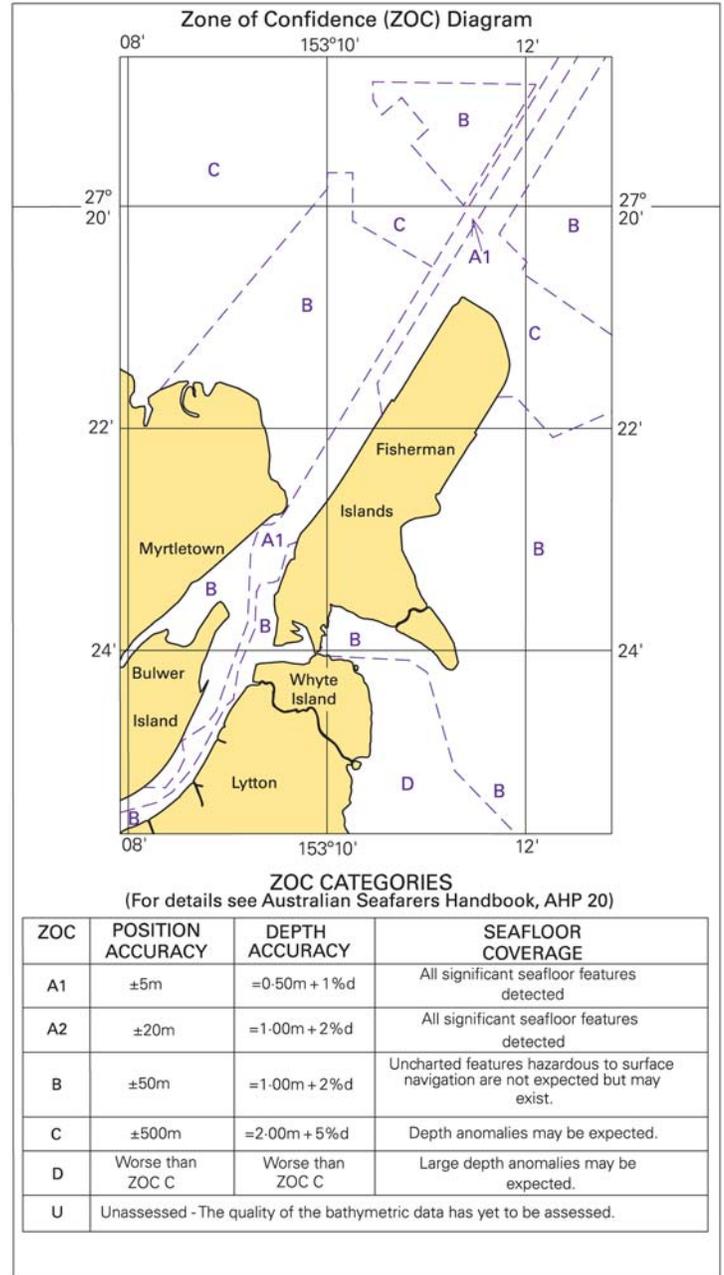


Chart 74180 (C) NM N47/12

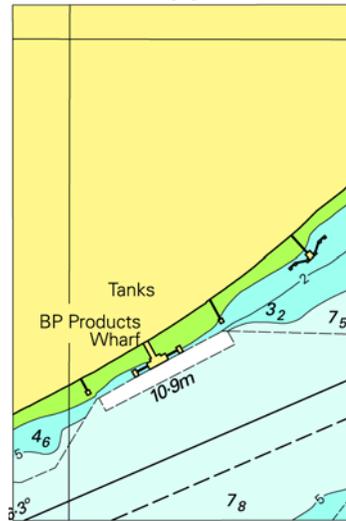
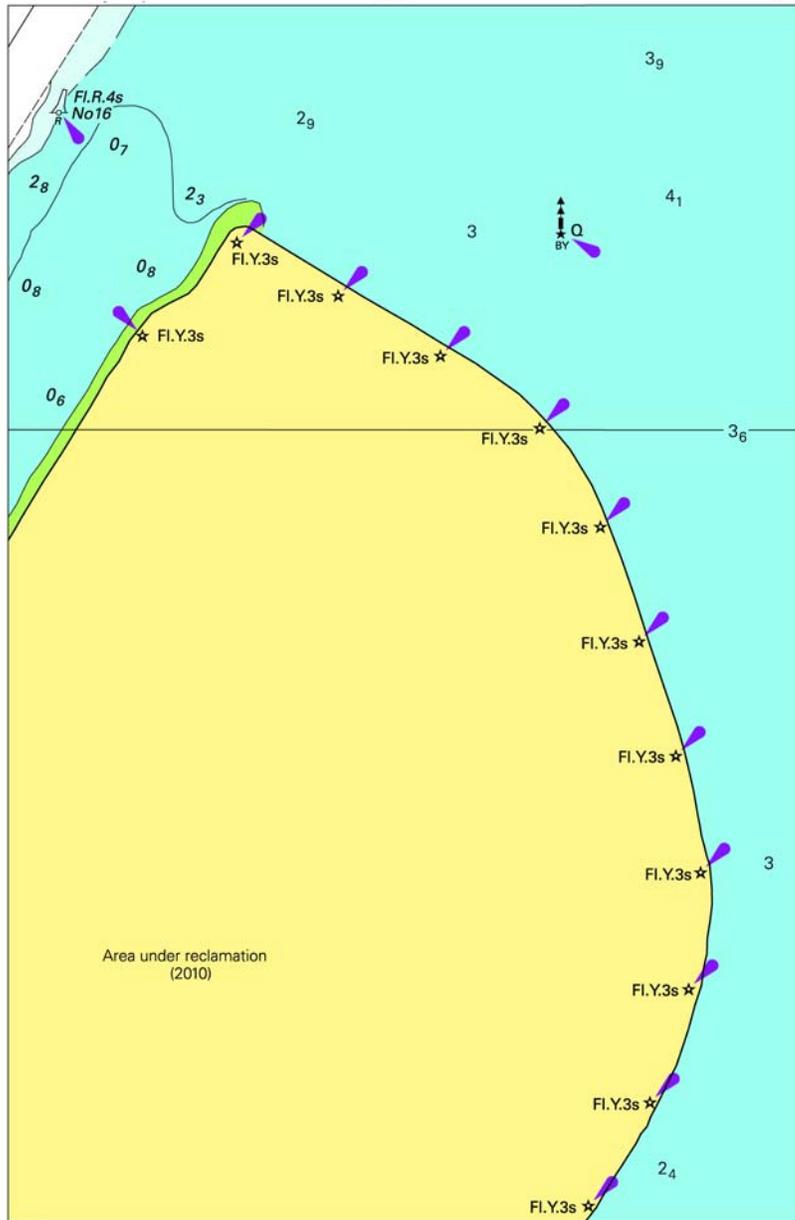


Chart 74180

(D)

NM N47/12



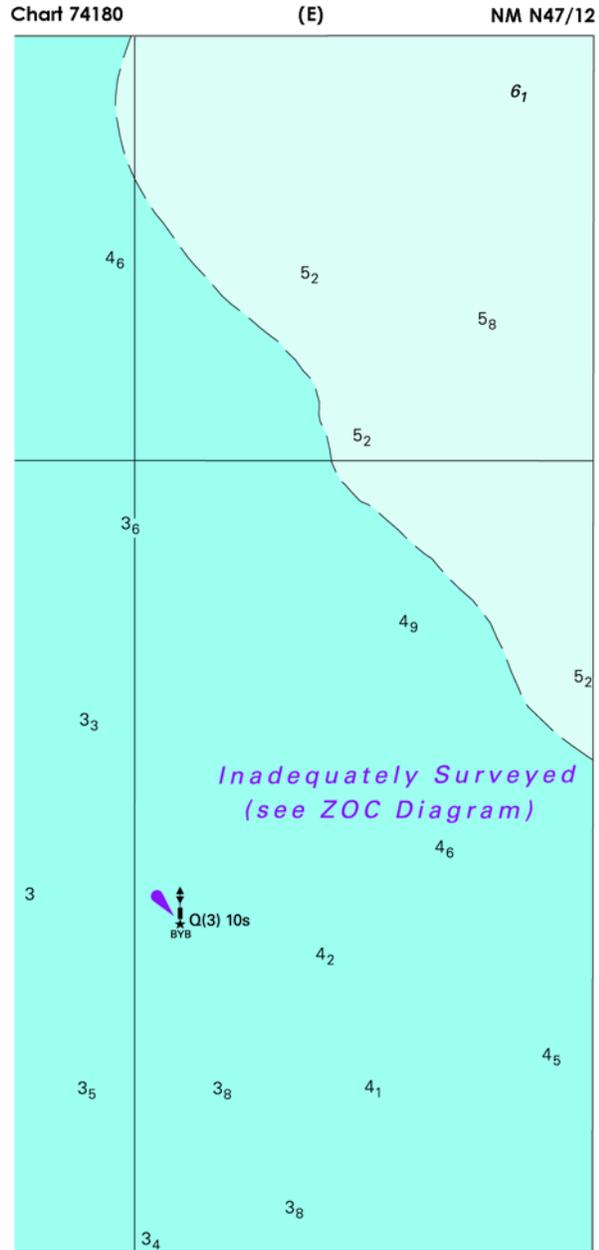


Chart 74180 (F) NM N47/12



Chart 74189

(C)

NM N47/12

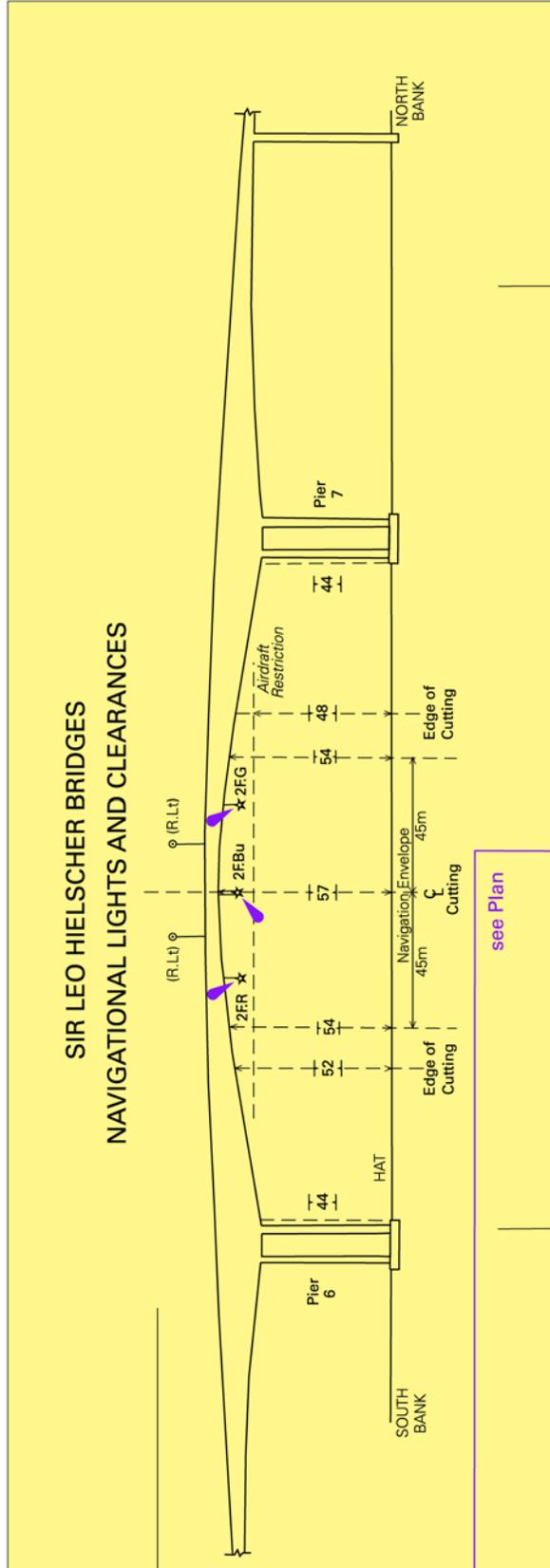
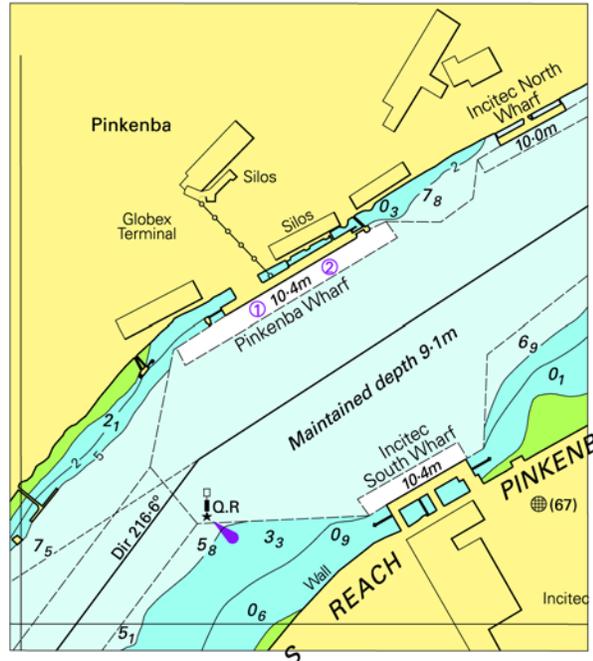


Chart 74189

(D)

NM N47/12



SECTION I

Chart 11505

NM 47/12

SAVANNAH RIVER 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)
TYBEE RANGE	42.0	43.5	44.0	42.0	8-12	600	3.79	44
BLOODY POINT RANGE	40.5	42.5	43.5	41.5	8, 9-12	600	3.41	44
JONES ISLAND RANGE	41.5	42.5	43.5	44.0	8, 9-12	600	1.33	44
TYBEE KNOLL CUT RANGE	42.0	44.0	43.5	43.5	8, 9-12	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 47/12

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	31.5	35.0	34.0	31.5	8-12	500	9.7	38
PLANTATION CREEK RANGE (A)	35.5	39.5	42.0	42.0	8-12	400	1.8	36
JEKYLL ISLAND RANGE (B)	39.5	39.0	38.0	37.0	8-12	400	1.9	36
CEDAR HAMMOCK RANGE (C)	37.0	37.0	36.0	33.5	8-12	400	1.4	36
BRUNSWICK POINT CUT RANGE	35.5	37.0	38.0	37.0	8-12	400	2.4	36
TURTLE RIVER LOWER RANGE	37.0	37.5	37.5	37.0	8-12	400	1.8	36
BLYTHE ISLAND RANGE	30.0	29.0	28.0	27.0	8-12	300	1.5	30
TURTLE RIVER UPPER RANGE	30.0	30.5	28.5	27.0	8-12	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)	37.5	38.0	37.5	36.0	8-12	400	1.3	36

A. THE WIDENER AT INTERSECTION OF PLANTATION CREEK RANGE AND JEKYLL ISLAND RANGE LEAST DEPTHS WERE 46.0 FEET, LOCATED 100 FEET INSIDE THE CHANNEL LIMIT, AND 52.0 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 36.5 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 41.0 FEET, 100 FEET AND 41.0 FEET, 400 FEET FROM THE LEFT SIDE AND 40.0 FEET, 100 FEET AND 39.0 FEET, 400 FEET FROM THE RIGHT SIDE.
 G. THE SOUTH BRUNSWICK RIVER GPA DOCK LEAST DEPTHS WERE 38.0 FEET ALONG THE DOCK AND 37.0 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

NM 47/12

Chart 11512

NM 47/12

SAVANNAH RIVER 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)
TYBEE RANGE	42.0	43.5	44.0	42.0	8-12	600	3.79	44
BLOODY POINT RANGE	40.5	42.5	43.5	41.5	8, 9-12	600	3.41	44
JONES ISLAND RANGE	41.5	42.5	43.5	44.0	8, 9-12	600	1.33	44
TYBEE KNOLL CUT RANGE	42.0	44.0	43.5	43.5	8, 9-12	500	2.84	42
NEW CHANNEL RANGE (A)	35.5	43.0	42.5	42.5	8, 9-12	500	1.89	42
L. I. CROSSING RANGE	40.5	40.5	41.0	41.0	9-12	500	3.03	42
LOWER FLATS RANGE	39.0	44.0	43.5	42.5	9-12	500	1.52	42
UPPER FLATS RANGE	45.5	44.5	45.0	42.5	9-12	500	1.33	42
THE BIGHT CHANNEL	45.0	46.0	46.5	48.0	9-12	500	1.7	42
FT. JACKSON RANGE	43.0	45.5	46.0	45.5	9-12	500	0.76	42
OGLETHORPE RANGE	43.5	44.5	46.0	45.5	9-12	500	1.33	42
WRECKS CHANNEL (B)	41.0	44.5	46.0	46.0	9-12	500	1.7	42
CITY FRONT CHANNEL	41.0	44.5	44.5G	39.5	9-12	500	1.7	42
MARSH ISLAND CHANNEL (C)	41.0H	41.0	44.0	41.0	9-12	500	1.9	42
KINGS ISLAND CHANNEL (D)	38.5	39.0	41.5	40.5I	9-12	500	2.46	42
WHITEHALL CHANNEL (E)	29.5	34.5	36.0	35.0	9-12	400	0.66	42-36
PORT WENTWORTH CHANNEL (F)	30.0J	26.0	25.5	32.0	12-94; 9-12	200	1.33	30

A. OYSTER BED I. TURNING BASIN-CONTROLLING DEPTH 43.5 FT, 42.0 FT 100 FT FROM BACKSIDE.
 B. FIG ISLAND TURNING BASIN-CONTROLLING DEPTH 38.0 FT, 35.0 FT 100 FT FROM BACKSIDE.
 C. MARSH ISLAND TURNING BASIN-CONTROLLING DEPTH 29.5 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 47/12

SAVANNAH RIVER 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)
OGLETHORPE RANGE	43.5	44.5	46.0	45.5	9-12	500	1.33	42
WRECKS CHANNEL (A)	41.0	44.5	46.0	46.0	9-12	500	1.7	42
CITY FRONT CHANNEL	41.0	44.5	44.5F	39.5	9-12	500	1.7	42
MARSH ISLAND CHANNEL (B)	41.0G	41.0	44.0	41.0	9-12	500	1.9	42
KINGS ISLAND CHANNEL (C)	38.5	39.0	41.5	40.5H	9-12	500	2.46	42
WHITEHALL CHANNEL (D)	29.5	34.5	36.0	35.0	9-12	400	0.66	42-36
PORT WENTWORTH CHANNEL (E)	30.0I	26.0	25.5	32.0	12-94; 9-12	200	1.33	30

A. FIG ISLAND TURNING BASIN-CONTROLLING DEPTH 38.0 FT, 35.0 FT 100 FT FROM BACKSIDE.
 B. MARSH ISLAND TURNING BASIN-CONTROLLING DEPTH 29.5 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

Chart 14924

NM 47/12

MILWAUKEE HARBOR CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO AUG 2012								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GREAT LAKES LOW WATER DATUM (LWD)						PROJECT DIMENSIONS		
ENTRANCE CHANNELS	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH LWD (FEET)
ENTRANCE TO END OF BKW	33.2	32.4	31.9	32.0	8-12	800-300	0.23	30
BKW TO PIERHEAD LT	28.1	28.9	25.8	23.1	8-12	600	0.53	28
S. HARBOR AREA	27.5	27.7	27.7	26.4	5,8-12	2300	1.0	28
PIERHEAD LT TO PT AT 43°01'29"N 087°54'08"W	25.1	29.4	26.4	24.2	8-12	250-450	0.35	27
RIVER CHANNELS	LEFT OUTSIDE QUARTER	MIDDLE HALF	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH LWD (FEET)	
KINNICKINNIC R: PT AT 43°01'29"N 087°54'11"W SOUTH TO FIRST RR BRIDGE	23.4A	25.3B	24.7C	8-12	400-180	0.8	27	
MILWAUKEE R: PT AT 43°01'29"N 087°54'11"W NORTH TO FIRST RR BRIDGE	18.8	21.1	25.1	8-12	400-250	0.23	27	
FIRST RR BRIDGE TO SECOND ST BRIDGE	12.2	16.8	16.1	8-12	250-100	0.53	21	

A. SHOALING TO 22.3 FEET WITHIN THE LAST 100 FEET OF REACH
 B. SHOALING TO 21.6 FEET WITHIN THE LAST 100 FEET OF REACH
 C. SHOALING TO 19.8 FEET WITHIN THE LAST 100 FEET OF REACH

Chart 37362

NM 47/12

SUBMARINE CABLES

Mariners are advised not to anchor, trawl or fish in the vicinity of submarine cables.

Chart 37380

NM 47/12

SUBMARINE CABLES

Mariners are advised not to anchor, trawl or fish in the vicinity of submarine cables.

Chart 74180

NM N47/12

HISTORIC WRECK

The site of an historic wreck is protected from unauthorised interference. For details see Australian Seafarers Handbook AHP 20.

Chart 74189

NM N47/12

SIR LEO HIELSCHER BRIDGES

Vessels with a masthead of over 48m must obtain Harbour Masters approval to pass beneath Sir Leo Hielscher Bridges.