Chart 11465 NM 27/14

MIAMI HARBOR CHANNEL

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2007 AND SURVEYS TO AUG 2013

NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				DATE OF SURVEY	PROJECT DIMENSIONS		
	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER		WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
OUTER BAR CUT	40.3	45.0	44.3	42.1	9-10	500	1.65	44
WIDENER A	44.9	44.6	44.0	40.5	9-10	0-600	0.55	44
BAR CUT	44.5	44.4	41.8	37.0	9-10	500	0.73	44
GOVERNMENT CUT	41.0	41.0	40.0	40.0C	9-10; 8-13	500	1.0	42
MAIN CHANNEL	31.0	36.0	33.0	33.0	8-13	400	2.00	36
FISHERMANS CHANNEL	38.3D	42.6	41.6	41.8E	9-10	400-750	0.95	42
LUMMUS ISLAND TURNING BASIN	41.4F	41.1G	40.5	39.9H	9-10	400-2000	0.60	42
DODGE ISLAND CUT B	31.9	32.5I	32.0	30.9	9-10	400-900	0.70	34

A. WIDENER LOCATED AT THE JUNCTION OF OUTER BAR CUT AND BAR CUT REACH.
B. TURNING BASIN AT END OF DODGE ISLAND CUT IS NOT A CORPS OF ENGINEERS PROJECT. CONSULT PORT OF MIAMI FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION (305)371-7678
C. SHOALING TO 13 FT BETWEEN 25°45'59" N 80°08'17" W AND 25°46'00" N 80°08'22" W. SHOALING EXTENDS 100 FT INTO CHANNEL
D. EXCEPT FOR A 40 FT WRECK LOCATED BY AN NOS SURVEY AT 25°45'53.7" N, 080°09'01.2" W.
E. EXCEPT FOR TWO 40 FT OBSTRUCTIONS LOCATED BY AN NOS SURVEY AT 25°45'57.8" N, 080°09'30.8" W & 25°45'57.9" N, 080°09'34.0" W.
F. SHOALING TO 10 FT AT THE WESTERN EDGE OF THE BASIN.
G. SHOALING TO 22 FT AT THE WESTERN EDGE OF THE BASIN.
H. EXCEPT FOR A 37 FT OBSTRUCTION LOCATED BY AN NOS SURVEY AT 25°46'07.1" N, 080°09'58.3" W.
I. EXCEPT FOR A 28 FT OBSTRUCTION LOCATED BY AN NOS SURVEY AT 25°46'22.3" N, 080°10'46.0" W.

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

Chart 11505 NM 27/14

SAVANNAH RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2014

NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				DATE OF SURVEY	PROJECT DIMENSIONS		
	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER		WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
TYBEE RANGE	42.5	43.5	44.0	41.0	4-14	600	3.79	44
BLOODY POINT RANGE	41.5	43.0	43.5	40.5	4-14	600	3.41	44
JONES ISLAND RANGE	42.5	42.0	44.0	44.0	4-14	600	1.33	44
TYBEE KNOLL CUT RANGE	42.5	43.0	43.0	42.5	4-14	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 27/14

BRUNSWICK HARBOR CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2014

NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
	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	30.0	H34.0	35.0	29.5	2-14	500	9.7	38
PLANTATION CREEK RANGE (A)	36.0	39.5	41.5	39.5	3-14	400	1.8	36
JEKYLL ISLAND RANGE (B)	39.0	39.0	38.5	37.0	3-14	400	1.9	36
CEDAR HAMMOCK RANGE (C)	34.0	36.0	36.5	35.0	3-14	400	1.4	36
BRUNSWICK POINT CUT RANGE	36.0	36.5	37.5	37.5	3-14	400	2.4	36
TURTLE RIVER LOWER RANGE	37.5	37.5	37.5	37.0	3-14	400	1.8	36
BLYTHE ISLAND RANGE	30.0	29.0	28.0	26.5	3-14	300	1.5	30
TURTLE RIVER UPPER RANGE	28.0	29.0	28.5	27.0	3-14	300	2.7	30
EAST RIVER (D)								
ENTRANCE TO SECOND AVE (E)	37.0	36.0	37.5	37.5	3-14	400	1.2	37- 41
SECOND AVE TO MAYOR'S POINT	I36.0	36.0	36.5	36.0	3-14	400	1.0	36
SOUTH BRUNSWICK RIVER (F & G)	37.0	37.5	37.0	34.5	3-14	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 37.0 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 35.0 FEET, LOCATED 50 FEET INSIDE THE CHANNEL LIMIT FROM THE RIGHT SIDE.

D. THE EAST RIVER TURNING BASIN LEAST DEPTHS WERE 40.0 FEET 100 FEET FROM BACKSIDE, 39.0 FEET 400 FEET FROM BACKSIDE AND 37.5 FEET 600 FEET FROM BACKSIDE.

E. THE EAST RIVER ENTRANCE TO SECOND AVE WIDENER LEAST DEPTHS WERE 32.0 FEET LOCATED 50 FEET INSIDE THE CHANNEL LIMIT AND 37.0 FEET LOCATED 150 FEET INSIDE THE CHANNEL LIMIT FROM THE LEFT SIDE, AND 41.0 FEET LOCATED 50 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 40.0 FEET, 400 FEET FROM THE LEFT SIDE AND 40.0 FEET, 100 FEET AND 38.5 FEET, 400 FEET FROM THE RIGHT SIDE.

G. THE SOUTH BRUNSWICK RIVER GPA DOCK LEAST DEPTHS WERE 36.0 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

Chart 11512 NM 27/14

SAVANNAH RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2014

	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	42.5	43.5	44.0	41.0	4-14	600	3.79	44
BLOODY POINT RANGE	41.5	43.0	43.5	40.5	4-14	600	3.41	44
JONES ISLAND RANGE	42.5	42.0	44.0	44.0	4-14	600	1.33	44
TYBEE KNOLL CUT RANGE	42.5	43.0	43.0	42.5	4-14	500	2.84	42
NEW CHANNEL RANGE (A)	38.0	41.0	42.5	42.0	4-14	500	1.89	42
L. I. CROSSING RANGE	41.0	40.5	42.5	42.0	4-14	500	3.03	42
LOWER FLATS RANGE	40.5	43.5	44.0	39.5	4-14	500	1.52	42
UPPER FLATS RANGE	43.5	45.5	45.5	42.0	4-14	500	1.33	42
THE BIGHT CHANNEL	43.0	45.5	48.0	46.5	4-14	500	1.7	42
FT. JACKSON RANGE	41.5	45.5	46.0	42.5	4-14	500	0.76	42
OGLETHORPE RANGE	38.5	43.5	45.5	40.5	4-14	500	1.33	42
WRECKS CHANNEL (B)	37.0	41.0	45.5	42.0	4-14	500	1.7	42
CITY FRONT CHANNEL	37.5	42.5	42.0G	36.5	4-14	500	1.7	42
MARSH ISLAND CHANNEL (C)	38.0H	39.5	40.5	38.5	4-14	500	1.9	42
KINGS ISLAND CHANNEL (D)	40.0	42.0	43.5	37.0I	4-14	500	2.46	42
WHITEHALL CHANNEL (E)	27.5	27.5	31.0	33.0	4-14	400	0.66	42-36
PORT WENTWORTH CHANNEL (F)	30.0J	23.0	22.0	32.0	12-94; 4-14	200	1.33	30

A. OYSTER BED I. TURNING BASIN-CONTROLLING DEPTH 43.0 FT, 40.0 FT 100 FT FROM BACKSIDE.
B. FIG ISLAND TURNING BASIN-CONTROLLING DEPTH 37.0 FT, 25.0 FT 100 FT FROM BACKSIDE.
C. MARSH ISLAND TURNING BASIN-CONTROLLING DEPTH 29.0 FT, 20.0 FT 100 FT FROM BACKSIDE.
D. KINGS ISLAND TURNING BASIN-CONTROLLING DEPTH 29.0 FT, 26.0 FT 100 FT FROM BACKSIDE.
E. ARGYLE ISLAND TURNING BASIN-CONTROLLING DEPTH 28.0 FT 100 FT FROM BACKSIDE.
F. PORT WENTWORTH TURNING BASIN-CONTROLLING DEPTH 21.0 FT, 16.0 FT 100 FT FROM BACKSIDE.
G. EXCEPT FOR A 41 FT OBSTRUCTION LOCATED BY A NOS SURVEY AT 32°05'00.06"N 81°05'27.07"W
H. EXCEPT FOR A 39 FT OBSTRUCTION LOCATED BY A NOS SURVEY AT 32°05'18.29"N 81°05'58.99"W
I. EXCEPT FOR A 38 FT OBSTRUCTION LOCATED BY A NOS SURVEY AT 32°07'27.45"N 81°08'02.29"W
J. EXCEPT FOR A 31 FT 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 27/14

SAVANNAH RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2014

	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	38.5	43.5	45.5	40.5	4-14	500	1.33	42
WRECKS CHANNEL (A)	37.0	41.0	45.5	42.0	4-14	500	1.7	42
CITY FRONT CHANNEL	37.5	42.5	42.0F	36.5	4-14	500	1.7	42
MARSH ISLAND CHANNEL (B)	38.0G	39.5	40.5	38.5	4-14	500	1.9	42
KINGS ISLAND CHANNEL (C)	40.0	42.0	43.5	37.0H	4-14	500	2.46	42
WHITEHALL CHANNEL (D)	27.5	27.5	31.0	33.0	4-14	400	0.66	42-36
PORT WENTWORTH CHANNEL (E)	30.0I	23.0	22.0	32.0	12-94; 4-14	200	1.33	30

A. FIG ISLAND TURNING BASIN-CONTROLLING DEPTH 37.0 FT, 25.0 FT 100 FT FROM BACKSIDE.
B. MARSH ISLAND TURNING BASIN-CONTROLLING DEPTH 29.0 FT, 20.0 FT 100 FT FROM BACKSIDE.
C. KINGS ISLAND TURNING BASIN-CONTROLLING DEPTH 29.0 FT, 26.0 FT 100 FT FROM BACKSIDE.
D. ARGYLE ISLAND TURNING BASIN-CONTROLLING DEPTH 28.0 FT 100 FT FROM BACKSIDE.
E. PORT WENTWORTH TURNING BASIN-CONTROLLING DEPTH 21.0 FT, 16.0 FT 100 FT FROM BACKSIDE.
F. EXCEPT FOR A 41 FT OBSTRUCTION LOCATED BY A NOS SURVEY AT 32°05'00.06"N 81°05'27.07"W
G. EXCEPT FOR A 39 FT OBSTRUCTION LOCATED BY A NOS SURVEY AT 32°05'18.29"N 81°05'58.99"W
H. EXCEPT FOR A 38 FT OBSTRUCTION LOCATED BY A NOS SURVEY AT 32°07'27.45"N 81°08'02.29"W
I. EXCEPT FOR A 31 FT 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 11524 NM 27/14

CHARLESTON HARBOR, COOPER RIVER AND SHIPYARD RIVER
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS- SURVEYS TO MAR 2014

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	42.3	47.6	48.1	43.3	12-13	A1000	17.5	B47
MOUNT PLEASANT RANGE	48.4	50.6	50.4	50.5	12-13	1000-600	1.8	45
REBELLION REACH	47.3	48.3	50.1	47.7	12-13	600	1.6	45
BENNIS REACH	46.1	48.2	48.4	47.6	11,12-13	600	1.5	45
HORSE REACH	48.3	52.8	50.3	48.2	11,12-13	(C) VARIES	0.6	45
CUSTOMHOUSE REACH	47.0	44.4	43.6	41.2	11,12-13	VARIES	0.6	45
SOUTH CHANNEL	25.0	25.0	25.0	D25.0	10-96; 11-10	600-1000	3.6	45
HOG ISLAND REACH	47.0	46.6	46.8	44.5	11,12-13	(E) 800-600	1.7	45
DRUM ISLAND REACH	44.0	49.9	48.6	48.0	11-13	1200-600	0.8	45
TIDEWATER REACH	F36.0	F35.0	F33.9	F33.5	11,12-13	650	0.7	45
TOWN CREEK LOWER REACH	F37.6	F38.5	F41.3	F44.9	11,12-13	450-400	1.1	45
TOWN CREEK LOWER REACH TB	43.3	37.3	37.3	38.1	11-13	300	0.25	35
TOWN CREEK UPPER REACH	40.6	40.2	40.6	42.5	11-13	250	1.0	16
MYERS BEND	45.5	49.0	49.1	47.6	11-13	VARIES	0.5	45
DANIEL ISLAND REACH	47.3	46.6	42.9	36.0	2-14	880	1.4	45
DANIEL ISLAND BEND	43.0	50.3	51.1	48.6	2-14	(G) 800-700	0.5	45
CLOUTER CREEK REACH	46.6	48.4	48.1	45.4	2-14	600	1.3	45
NAVY YARD REACH	47.5	48.6	46.5	46.1	2-14	600-700	1.1	45
NORTH CHARLESTON REACH	47.7	50.0	49.3	46.2	2-14	500-600	1.0	45
FILBIN CREEK REACH	44.0	48.4	50.3	47.0	2-14	500	0.9	45
PORT TERMINAL REACH	45.7	48.4	49.3	46.5	2-14	600	0.7	45
ORDNANCE REACH	40.8	41.4	43.8	45.6	2-14	600	0.4	45
ORDNANCE REACH TURNING BASIN	46.4	42.0	36.3	33.9	2-14	800	0.4	45
WANDO RIVER								
LOWER REACH	46.6	47.8	49.0	46.9	11-13	1500-400	1.4	45
UPPER REACH	44.9	44.6	45.5	43.4	11-13	850-600	0.9	45
TURNING BASIN	44.7	47.0	47.2	49.3	11-13	550	0.4	45
SHIPYARD CREEK								
MAIN CHANNEL	25.3	27.3	27.3	23.6	10-13; 3-14	1240-200	1.0	45-30
LOWER TURNING BASIN	41.3	42.5	42.5	37.9	3-14	VARIES	0.2	45
UPPER TURNING BASIN	21.9	21.2	21.2	19.2	9-12; 3-14	VARIES	0.2	30
COOPER RIVER								
RANGE A	39.0	39.0	39.0	H37.0	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 300' WIDTH FROM LEFT AND RIGHT OF CENTERLINE.
F. NEAR END OF PIER.
G. REPORTING 300' LEFT AND RIGHT OF CENTERLINE.
H. 31.0 FT ALONG CHANNEL EDGE.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11532 NM 27/14

WINYAH BAY AND GEORGETOWN HARBOR

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF FEB 2014 AND SURVEYS TO FEB 2014

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	25.0	24.3	18.9	13.7	2-14	600	2.4	27
RANGE B	25.2	28.3	28.9	23.0	2-14	600	1.0	27
SOUTH ISLAND BEND (A)	33.2	31.8	25.9	19.8	2-14	600	0.5	27
RANGE C	19.8	21.4	21.4	24.6	2-14	400	1.7	27
RANGE D	26.4	26.7	26.7	28.8	2-14	400B	1.7	27
RANGE E	19.7	19.6	19.6	19.1	2-14	400B	5.7	27
FRAZIER PT. BEND	22.4	22.4	22.4	21.9	2-14	400B	0.7	27
RABBIT ISLAND CHANNEL	24.2	24.4	24.4	23.9	2-14	400B	2.2	27
SAMPIT RIVER CHANNEL	3.7	4.0	4.0	3.1	12-13	400B	1.3	27
STEELMILL CHANNEL	7.6	6.0	6.0	3.7	12-13	VARIES	0.3	27
PAPERMILL CHANNEL	18.0	21.3	21.3	20.5	12-13	VARIES	0.3	27
BYPASS CHANNEL	——	7.0	7.0	——	12-13	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 14839 NM 27/14

CLEVELAND HARBOR CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO AUG 2013 AND REPORTS TO SEPT 2013

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GREAT LAKES LOW WATER DATUM (LWD)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (FEET)	DEPTH LWD (FEET)
HARBOR ENTRANCE	26.8	29.0	28.6	23.4	8-13	600-700	1150	29
BASINS & CUYAHOGA RIVER ENTRANCE	24.5	28.0	28.0	24.2	8-13	230-760	1200	28
CUYAHOGA RIVER								
ENTRANCE TO BRIDGE 1 (J)	17.6	22.7	22.7	21.6C	5-13	230	1700	27
BRIDGE 1 TO BRIGE 6 (B)	8.0	19.7	19.7	14.4D	5-13	250-300	6300	23
BRIDGE 6 TO BRIDGE 12 (C)	7.4	15.5	15.5	8.3	5-13	180-700	5500	23
BRIDGE 12 TO BRIDGE 17 (D)	9.7	20.1	20.1	7.9	5-13	120-400	6400	14.2
BRIDGE 17 TO END OF TURNING BASIN (E)	16.2E	20.4	20.4	12.7F	5-13	110-250	4000	23
END OF TURNING BASIN TO BRIDGE 23 (F)	18.1G	19.1	19.1	9.4	5-13	110-200	5200	23
UPSTREAM TURNING BASIN (G)	6.4	6.4	6.4	6.4H	5-13	0-600	1000	18
OLD RIVER								
OLD RIVER (A)	7.9	16.5	16.5	6.7	6-13	125-200	5300	27
OLD RIVER UPPER END (H)	8.4	7.2	7.2	6.9	6-13	120	710	27
EAST BASIN								
EAST SECTION (A.)	17.4	22.3	22.2	14.0	8-13	500	14600	25
NICHOLSON APPROACH	22.7	22.7	22.5	22.5	8-13	400-1600	1300	25
MIDDLE SECTION (B.)	13.4	20.6	21.2	19.9	8-13	1270-1560	3800	27
WEST SECTION	17.2	23.3	26.7	17.9	8-13	1560	1300	28
WEST BASIN, MAIN SECTION	17.0	24.2	22.9	13.7	8-13	800-1560	4400	28
WESTERLY 400 FEET	15.7	14.0	12.8	11.7	8-13	330-800	400	28

A. TRAFFIC FLOWS IN EAST BASIN EAST SECTION FROM EAST TO WEST.
B. TRAFFIC FLOWS IN EAST BASIN MIDDLE SECTION FROM WEST TO EAST.
C. SHOALING TO 17.51 WITHIN 4' OF RIGHT LIMIT, 1653' FROM START OF REACH 41°29'59.60"N 81°42'34.32"W.
D. SHOALING TO 12.47 WITHIN 0' OF RIGHT LIMIT, 1787' FROM START OF REACH 41°29'47.24"N 81°42'09.75"W.
E. SHOALING TO 10.73 WITHIN 0' OF LEFT LIMIT, 1566' FROM START OF REACH 41°28'50.49"N 81°40'31.04"W.
F. SHOALING TO 8.19 WITHIN 4' OF RIGHT LIMIT, 2225' FROM START OF REACH 41°28'44.56"N 81°40'28.17"W.
G. SHOALING TO 9.00 WITHIN 4' OF RIGHT LIMIT, 2069' FROM START OF REACH 41°28'11.43"N 81°40'07.13"W.
H. SHOALING TO 5.85 WITHIN 1' OF BASIN LIMIT 41°28'34.92"N 81°40'12.43"W.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

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MARINE FARMS

Numerous marine farms exist, charted and uncharted, in the area covered by this chart. Their positiosn may change frequently and without notice. Marine farms may be marked by lit or unlit buoys or beacons. Mariners are advised to navigate with caution in areas where marine farms may be present.