

SECTION I

NM 51/03

Chart 11505

NM 51/03

SAVANNAH RIVER CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 2003								
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)
TYBEE RANGE	43.0	42.0	43.5	43.0	10-03	600	3.3	44
BLOODY POINT RANGE	43.0	43.0	43.0	43.0	10-03	600	3.0	44
JONES ISLAND RANGE	44.0	42.0	43.0	44.0	10-03	600	1.2	44
TYBEE KNOLL CUT RANGE	43.0	43.0	43.0	44.0	10-03	500	2.5	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 51/03

BRUNSWICK HARBOR CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF SEP 2003							
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)
BAR CHANNEL (ST SIMON RANGE)	34.0	35.5	A30.0	09-03	500	7.7	32
PLANTATION CREEK RANGE	38.0	41.0	41.0	09-03	400	1.8	32
JEKYLL ISLAND RANGE	30.0	32.0	32.0	09-03	400	1.9	30
CEDAR HAMMOCK RANGE	30.0	30.5	28.5	09-03	400	1.4	30
BRUNSWICK PT CUT RANGE	28.0	29.0	29.0	09-03	400	2.4	30
EAST RIVER LOWER REACH	B32.0	32.0	30.0	09-03	400	1.1	30
UPPER REACH	26.0	27.0	25.0	09-03	350	1.0	27
EAST RIVER TURNING BASIN	27.0	27.0	27.0	09-03	750	0.2	30
TURTLE RIVER LOWER RANGE	35.0	29.0	30.0	09-03	300	1.7	30
BLYTHE ISLAND RANGE	31.0	27.0	25.0	09-03	300	1.5	30
TURTLE RIVER UPPER RANGE	28.0	27.5	26.0	09-03	300	1.7	30
SOUTH BRUNSWICK RIVER	31.0	31.0	32.0	09-03	400	1.3	30
A. OBSTRUCTION REPORTED WITH A DEPTH OF 29 FEET, LOCATED AT 31°04'06.6"N; 081°16'35.7"W. B. THE EAST RIVER, LOWER REACH WIDENER LEAST DEPTHS WERE 31.0 FEET, LOCATED 50 FEET INSIDE THE CHANNEL LIMIT, AND 29.0 FEET, LOCATED 150 FEET INSIDE THE CHANNEL LIMIT FROM THE LEFT SIDE. 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 51/03

Chart 11512

NM 51/03

SAVANNAH RIVER CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 2003								
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)
TYBEE RANGE	43.0	42.0	43.5	43.0	10-03	600	3.3	44
BLOODY POINT RANGE	43.0	43.0	43.0	43.0	10-03	600	3.0	44
JONES ISLAND RANGE	44.0	42.0	43.0	44.0	10-03	600	1.2	44
TYBEE KNOLL CUT RANGE	43.0	43.0	43.0	44.0	10-03	500	2.5	42
NEW CHANNEL RANGE (A)	42.5	41.5	43.0	43.0	10-03	500	1.6	42
L. I. CROSSING RANGE	45.0	43.5	44.0	41.0	10-03	500	2.6	42
LOWER FLATS RANGE	44.0	45.0	46.0	43.5	10-03	500	1.3	42
UPPER FLATS RANGE	42.0	44.5	45.0	44.0	10-03	500	1.2	42
THE BIGHT CHANNEL	45.0	45.0	45.5	47.0	10-03	500	1.5	42
FT. JACKSON RANGE	44.5	47.5	47.0	43.0	10-03	500	0.7	42
OGLETHORPE RANGE	43.0	45.5	45.0	43.0	10-03	500	1.2	42
WRECKS CHANNEL (B)	41.0	44.0	44.5	43.0	10-03	500	1.5	42
CITY FRONT CHANNEL	42.0	43.0	41.0	36.5	10-03	500	1.5	42
MARSH ISLAND CHANNEL (C)	41.0	43.5	44.0	42.0	10-03	500	1.7	42
KINGS ISLAND CHANNEL (D)	42.0	43.0	44.0	42.5	10-03	500	2.1	42
WHITEHALL CHANNEL (E)	29.5	34.0	35.0	36.0	10-03	400	0.6	42-36
PORT WENTWORTH CHANNEL (F)	30.0	32.5	31.0	32.0	12-94; 10-03	200	1.2	30

A. OYSTER BED I. TURNING BASIN-CONTROLLING DEPTH 43.0 FT, 37.0 FT 100 FT FROM BACKSIDE.
 B. FIG ISLAND TURNING BASIN-CONTROLLING DEPTH 38.0 FT, 30.5 FT 100 FT FROM BACKSIDE.
 C. MARSH ISLAND TURNING BASIN-CONTROLLING DEPTH 35.5 FT, 32.0 FT 100 FT FROM BACKSIDE.
 D. KINGS ISLAND TURNING BASIN-CONTROLLING DEPTH 38.0 FT, 40.0 FT 100 FT FROM BACKSIDE.
 E. ARGYLE ISLAND TURNING BASIN-CONTROLLING DEPTH 37.5 FT 100 FT FROM BACKSIDE.
 F. PORT WENTWORTH TURNING BASIN-CONTROLLING DEPTH 33.0 FT, 29.0 FT 100 FT FROM BACKSIDE.
 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 51/03

SAVANNAH RIVER CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 2003								
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)
OGLETHORPE RANGE	43.0	45.5	45.0	43.0	10-03	500	1.2	42
WRECKS CHANNEL (A)	41.0	44.0	44.5	43.0	10-03	500	1.5	42
CITY FRONT CHANNEL	42.0	43.0	41.0	36.5	10-03	500	1.5	42
MARSH ISLAND CHANNEL (B)	41.0	43.5	44.0	42.0	10-03	500	1.7	42
KINGS ISLAND CHANNEL (C)	42.0	43.0	44.0	42.5	10-03	500	2.1	42
WHITEHALL CHANNEL (D)	29.5	34.0	35.0	36.0	10-03	400	0.6	42-36
PORT WENTWORTH CHANNEL (E)	30.0	32.5	31.0	32.0	12-94; 10-03	200	1.2	30

A. FIG ISLAND TURNING BASIN-CONTROLLING DEPTH 38.0 FT, 30.5 FT 100 FT FROM BACKSIDE.
 B. MARSH ISLAND TURNING BASIN-CONTROLLING DEPTH 35.5 FT, 32.0 FT 100 FT FROM BACKSIDE.
 C. KINGS ISLAND TURNING BASIN-CONTROLLING DEPTH 38.0 FT, 40.0 FT 100 FT FROM BACKSIDE.
 D. ARGYLE ISLAND TURNING BASIN-CONTROLLING DEPTH 37.5 FT 100 FT FROM BACKSIDE.
 E. PORT WENTWORTH TURNING BASIN-CONTROLLING DEPTH 33.0 FT, 29.0 FT 100 FT FROM BACKSIDE.
 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 51/03

Chart 12222

NM 51/03

NORFOLK HARBOR AND APPROACHES TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO FEB 2003								
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)
THIMBLE SHOAL CHANNEL (A)								
NORTH ELEMENT (B)	47.6	46.5	45.6	44.1	6,7,9-00	350	13.0	55
SOUTH ELEMENT (C)	49.7	50.0	49.7	50.3	6,7,9-00	650	13.0	55
NORTH AUXILIARY CHANNEL (D)						450		32
SOUTH AUXILIARY CHANNEL (D)						450		32
NORFOLK HARBOR								
ENTRANCE REACH	50.3	51.5	52.9	52.0	4-99	1000	1.4	50
NORFOLK HARBOR REACH	51.3	50.8	45.6	45.4	9,10-02	1250-800	3.8	55
CRANEY ISLAND REACH	48.8	51.5	50.8	46.1	9,10-02	800	2.1	55
LAMBERTS BEND	38.9	45.8	40.0	37.5	3-02	750	0.3	45
PORT NORFOLK REACH	38.0	40.0	40.3	38.6	3-02	750	2.0	45
NEWPORT NEWS CHANNEL	48.7	50.7	50.7	50.4	2-03	800	4.2	55
CAPE HENRY CHANNEL	47.4	52.3	52.5	49.3	1,12-02	1000	4.0	50
YORK SPIT CHANNEL	45.1	49.4	49.5	47.2	11-09;2-00;9,11-02	1000(E)	18.4	50

A. THIS CHANNEL IS RESTRICTED TO EXCLUDE VESSELS AND TOWS DRAWING LESS THAN 25 FEET.
 B. PORTION OF PROJECT MAINTAINED TO 45 FEET
 C. PORTION OF PROJECT MAINTAINED TO 50 FEET
 D. PROJECT MAINTENANCE DISCONTINUED
 E. CHANNEL WIDTH MAINTAINED TO 800 FEET
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 12311

NM 51/03

CHRISTINA RIVER CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO AUG 2003							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT CHRISTINA RIVER DATUM					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT MILES)	DEPTH (FEET)
ENTRANCE CHANNEL TO THE UPPER END OF THE TURNING BASIN	36.1	35.5	35.6	8-03	500-340	0.70	38
THENCE TO THE LOBDELL CANAL TURNING BASIN	35.0	25.9	32.2	8-03	400	0.33	35
(OPPOSITE TERMINAL WHARF)	35.8	36.4	36.6	8-03	320	0.34	38

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

Chart 12312

NM 51/03

CHRISTINA RIVER CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO AUG 2003							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT CHRISTINA RIVER DATUM					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT MILES)	DEPTH (FEET)
ENTRANCE CHANNEL TO THE UPPER END OF THE TURNING BASIN	36.1	35.5	35.6	8-03	500-340	0.70	38
THENCE TO THE LOBDELL CANAL TURNING BASIN	35.0	25.9	32.2	8-03	400	0.33	35
(OPPOSITE TERMINAL WHARF)	35.8	36.4	36.6	8-03	320	0.34	38

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

SECTION I

Chart 14832

NM 51/03

BUFFALO HARBOR CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2003 AND SURVEYS TO JUN 2003								
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 (NAUT. MILES)	DEPTH LWD (FEET)
BUFFALO HARBOR:								
SOUTH ENTRANCE INNER CHANNEL	26.3	26.0	24.7	21.5	12-01	400-1200	.37	29
OUTER HARBOR SOUTHERN CHANNEL	A19.7	23.9	25.9	25.8	12-01	1130-1425	.76	28
OUTER HARBOR TURNING BASIN	18.0	19.8	20.7	20.6	12-01	900	.80	23
OUTER HARBOR MIDDLE CHANNEL	19.2	23.9	24.1	23.7	12-01	500-1600	2.12	27
OUTER HARBOR NORTHERN CHANNEL	18.2	19.7	21.1	20.9	12-01	1175-1350	.91	23
BUFFALO RIVER ENTRANCE CHANNEL	B15.0	C19.4	D18.3	E18.5	6-03	220-1625	.98	23
BLACK ROCK CANAL:								
ENTRANCE CHANNEL	17.9	20.1	17.4	F17.2	12-01	450-1000	.80	21
BLACK ROCK CANAL TO LOCK	G15.3	19.6	20.0	12.1	12-01	200-350	3.05	21
THENCE TO BUOY 12	15.8	18.9	18.1	14.7	12-01	200-400	1.70	21
A. SHOALING TO 15.4 FEET AT 42°49'57.0"N-78°51'55.3"W. B. SHOALING TO 9.7 FEET IN OUTSIDE 50 FEET OF QUARTER WITHIN 200 FEET OF END OF REACH C. SHOALING TO 10.8 FEET WITHIN 100 FEET OF END OF REACH. D. SHOALING TO 13.9 FEET WITHIN 300 FEET OF END OF REACH. E. SHOALING TO 13.0 FEET OUTSIDE 50 FEET OF QUARTER. F. SHOALING TO 6.6 FEET IN OUTSIDE 50 FEET OF QUARTER AND 12.7 FEET WITHIN 200 FEET OF END OF REACH. G. SHOALING TO 12.7 FEET AT 42°55'50.9"N-78°54'07.6"W. NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 14833

NM 51/03

BUFFALO HARBOR CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2003 AND SURVEYS TO JUN 2003								
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 (NAUT. MILES)	DEPTH LWD (FEET)
BUFFALO HARBOR:								
SOUTH ENTRANCE INNER CHANNEL	26.3	26.0	24.7	21.5	12-01	400-1200	.37	29
OUTER HARBOR SOUTHERN CHANNEL	A19.7	23.9	B25.9	25.8	12-01	1130-1425	.76	28
OUTER HARBOR TURNING BASIN	18.0	19.8	20.7	20.6	12-01	900	.80	23
OUTER HARBOR MIDDLE CHANNEL	19.2	23.9	24.1	23.7	12-01	500-1600	2.12	27
OUTER HARBOR NORTHERN CHANNEL	18.2	19.7	21.1	20.9	12-01	1175-1350	.91	23
BUFFALO RIVER:								
ENTRANCE CHANNEL	C15.0	D19.4	E18.3	F18.5	6-03	220-1625	.98	23
BUFFALO RIVER	G9.8	H15.0	I14.1	J10.0	6-03	100-700	5.27	23
BUFFALO SHIP CANAL	18.3	20.4	18.1	K16.3	6-03	125	1.02	23
BLACK ROCK CANAL:								
ENTRANCE CHANNEL	17.9	20.1	17.4	L17.2	12-01	450-1000	.80	21
BLACK ROCK CANAL TO LOCK	M15.3	19.6	20.0	12.1	12-01	200-350	3.05	21
A. SHOALING TO 15.4 FEET AT 42°49'57.0"N-78°51'55.3"W. B. SHOALING TO 23.5 FEET AT 42°49'55.3"N-78°51'41.1"W. C. SHOALING TO 9.7 FEET IN OUTSIDE 50 FEET OF QUARTER WITHIN 200 FEET OF END OF REACH D. SHOALING TO 10.8 FEET WITHIN 100 FEET OF END OF REACH. E. SHOALING TO 13.9 FEET WITHIN 300 FEET OF END OF REACH. F. SHOALING TO 13.0 FEET OUTSIDE 50 FEET OF QUARTER. G. SHOALING TO 8.8 FEET LAST 200 FEET OF REACH AND 9.2 FEET WITHIN 200 FEET OF POINT AT 42°51'45.3"N-78°52'05.8"W. H. SHOALING TO 11.6 FEET LAST 300 FEET OF REACH AND SHOALING TO 12.5 FEET WITHIN 200 FEET OF POINT AT 42°51'43.1"N-78°50'08.4"W I. SHOALING TO 13.1 FEET WITHIN 300 FEET OF POINT AT 42°51'25.9"N-78°51'09.1"W AND 10.5 FEET WITHIN 100 FEET OF BRIDGE ABUTMENTS. SHOALING TO 10.3 FEET LAST 200 FEET OF REACH AND 12.3 FEET AT 42°51'36.20"N-78°50'42.53"W. SHOALING TO 11.6 FEET WITHIN 200 FEET OF POINT AT 42°51'24.2"N-78°50'39.9"W J. SHOALING TO 3.6 FEET WITHIN 300 FEET OF POINT AT 42°51'38.0"N-78°50'42.7"W SHOALING TO 9.1 FEET POINT AT 42°51'48.75"N-78°50'26.95"W. K. SHOALING TO 10.6 FEET WITHIN 125 FEET OF END OF REACH. L. SHOALING TO 6.6 FEET IN OUTSIDE 50 FEET OF QUARTER AND 12.7 FEET WITHIN 200 FEET OF END OF REACH. M. SHOALING TO 12.7 FEET AT 42°55'50.9"N-78°54'07.6"W. NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

SECTION I

Chart 14839

NM 51/03

CLEVELAND HARBOR CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO AUG 2003 AND REPORTS TO AUG 2003								
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 (NAUT. MILES)	DEPTH LWD (FEET)
LAKE APPROACH CHANNEL	28.1	30.3	29.8	27.3	4-03	600-750	0.22	29
ENTRANCE CHANNEL	27.9	29.6	30.1	26.4	5-03	225-750	0.22	28
CUYAHOGA RIVER								
PIER RANGE	A18.1	26.0	27.9	B18.9	5-03	230	0.30	27
THENCE TO LORAIN								
CARNEGIE VIADUCT BRIDGE	11.8	22.3	21.9	C11.1	5-03	100-700	2.69	23
THENCE TO END OF PROJECT	D9.5	E19.6	F18.8	G14.1	5-03	110-400	3.11	23
OLD RIVER								
FROM CUYAHOGA RIVER								
TO END OF PROJECT	16.8	22.3	22.3	H17.5	5-03	125-200	1.10	27
EAST BASIN								
AIRPORT RANGE	20.5	23.7	23.8	19.4	8-03	500	3.11	25
TURNING BASIN	23.9	23.2	24.6	23.1	8-03	400-1600	0.33	25
EASTERN SECTION	I20.9	22.0	22.5	22.1	5-03	1250-1540	0.72	27
WESTERN SECTION	21.1	23.9	28.7	26.6	5-03	1300-1540	0.28	28
WEST BASIN	J24.1	K24.9	L22.7	M21.1	5-03	1150-1570	0.91	28

A. EXCEPT FOR SHOALING TO 15.1 FEET AT 41°30'00.7"N 081°42'31.5"W.
 B. EXCEPT FOR SHOALING TO 17.6 FEET AT 41°29'59.9"N 081°42'34.4"W.
 C. EXCEPT FOR SHOALING TO 4.4 FEET AT 41°29'37.2"N 081°42'13.7"W.
 D. EXCEPT FOR SHOALING TO 5.3 FEET AT 41°29'22.4"N 081°41'00.2"W.
 E. EXCEPT FOR SHOALING TO 8.5 FEET IN LAST 800 FEET OF QUARTER.
 F. EXCEPT FOR SHOALING TO 8.9 FEET IN LAST 1000 FEET OF QUARTER.
 G. EXCEPT FOR SHOALING TO 1.1 FEET FROM 41°29'10.8"N 081°40'47.3"W TO 41°29'09.4"N 081°40'46.0"W AND TO 2.5 FEET IN LAST 1000 FEET OF QUARTER.
 H. EXCEPT FOR SHOALING TO 14.4 FEET FROM 41°29'50.6"N 081°42'44.5"W TO 41°29'51.3"N 081°42'43.6"W
 I. EXCEPT FOR SHOALING TO 16.0 FEET IN LEFT OUTSIDE 50 FEET OF QUARTER.
 J. EXCEPT FOR SHOALING TO 19.6 FEET IN WESTERN 500 FEET OF PROJECT.
 K. EXCEPT FOR SHOALING TO 16.8 FEET IN WESTERN 500 FEET OF PROJECT.
 L. EXCEPT FOR SHOALING TO 15.4 FEET IN WESTERN 500 FEET OF PROJECT.
 M. EXCEPT FOR SHOALING TO 14.8 FEET IN WESTERN 500 FEET OF PROJECT.
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 14842 (Page 26)

NM 51/03

SANDUSKY HARBOR CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUN 2003								
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 (NAUT. MILES)	DEPTH LWD (FEET)
MOSELEY CHANNEL	22.8	24.4	25.2	A7.5	6-03	400	2.15	26
UPPER STRAIGHT CHANNEL	20.5	22.7	24.3	21.2	6-03	400	1.04	25
UPPER BAY CHANNEL	19.1	22.1	21.4	15.4	6-03	300	1.64	25
LOWER BAY CHANNEL	20.5	21.4	23.1	26.4	6-03	350	.24	24
TURNING BASIN	13.6	19.6	21.8	20.6	6-03	300-1725	.50	24
DOCK CHANNEL	17.3	16.5	18.5	16.4	6-03	300	1.10	22
LOWER STRAIGHT CHANNEL	16.5	16.5	17.6	16.8	6-03	400	.77	21

A. EXCEPT FOR SHOALING TO 3.8 FEET IN THE VICINITY OF BUOY 10.
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SECTION I

Chart 14843

NM 51/03

HURON HARBOR CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUL 2003 AND REPORTS TO AUG 2003								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT GREAT LAKES LOW WATER DATUM (LWD)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (STAT. MILES)	DEPTH LWD (FEET)	
ENTRANCE CHANNEL	15.7	22.0	23.4	5-03; 7-03	400-300	1.70	29.0	
HURON RANGE	20.6	23.7	19.9A	5-03	300-150	.36	28.0	
EAST TURNING BASIN	23.6	24.8	21.4	5-03	150-350		27.0	
WEST TURNING BASIN	18.3	14.7	13.5	5-03	450		21.0	

A. SHOAL TO 7.4 FT FOR OUTSIDE 50 FT OF QUARTER FROM 41°23'55.5"N/82°32'56.0"W TO 41°23'52.3"N/82°32'59.5"W
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 14844

NM 51/03

SANDUSKY HARBOR CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUN 2003								
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 (NAUT. MILES)	DEPTH LWD (FEET)
MOSELEY CHANNEL	22.8	24.4	25.2	A7.5	6-03	400	2.15	26
UPPER STRAIGHT CHANNEL	20.5	22.7	24.3	21.2	6-03	400	1.04	25
UPPER BAY CHANNEL	19.1	22.1	21.4	15.4	6-03	300	1.64	25
LOWER BAY CHANNEL	20.5	21.4	23.1	26.4	6-03	350	.24	24
TURNING BASIN	13.6	19.6	21.8	20.6	6-03	300-1725	.50	24
DOCK CHANNEL	17.3	16.5	18.5	16.4	6-03	300	1.10	22
LOWER STRAIGHT CHANNEL	16.5	16.5	17.6	16.8	6-03	400	.77	21

A. EXCEPT FOR SHOALING TO 3.8 FEET IN THE VICINITY OF BUOY 10.
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 14845

NM 51/03

SANDUSKY HARBOR CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO JUN 2003								
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 (NAUT. MILES)	DEPTH LWD (FEET)
MOSELEY CHANNEL	22.8	24.4	25.2	A7.5	6-03	400	2.15	26
UPPER STRAIGHT CHANNEL	20.5	22.7	24.3	21.2	6-03	400	1.04	25
UPPER BAY CHANNEL	19.1	22.1	21.4	15.4	6-03	300	1.64	25
LOWER BAY CHANNEL	20.5	21.4	23.1	26.4	6-03	350	.24	24
TURNING BASIN	13.6	19.6	21.8	20.6	6-03	300-1725	.50	24
DOCK CHANNEL	17.3	16.5	18.5	16.4	6-03	300	1.10	22
LOWER STRAIGHT CHANNEL	16.5	16.5	17.6	16.8	6-03	400	.77	21

A. EXCEPT FOR SHOALING TO 3.8 FEET IN THE VICINITY OF BUOY 10.
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION