Chart 44321(Plan) (A) NM 32/02

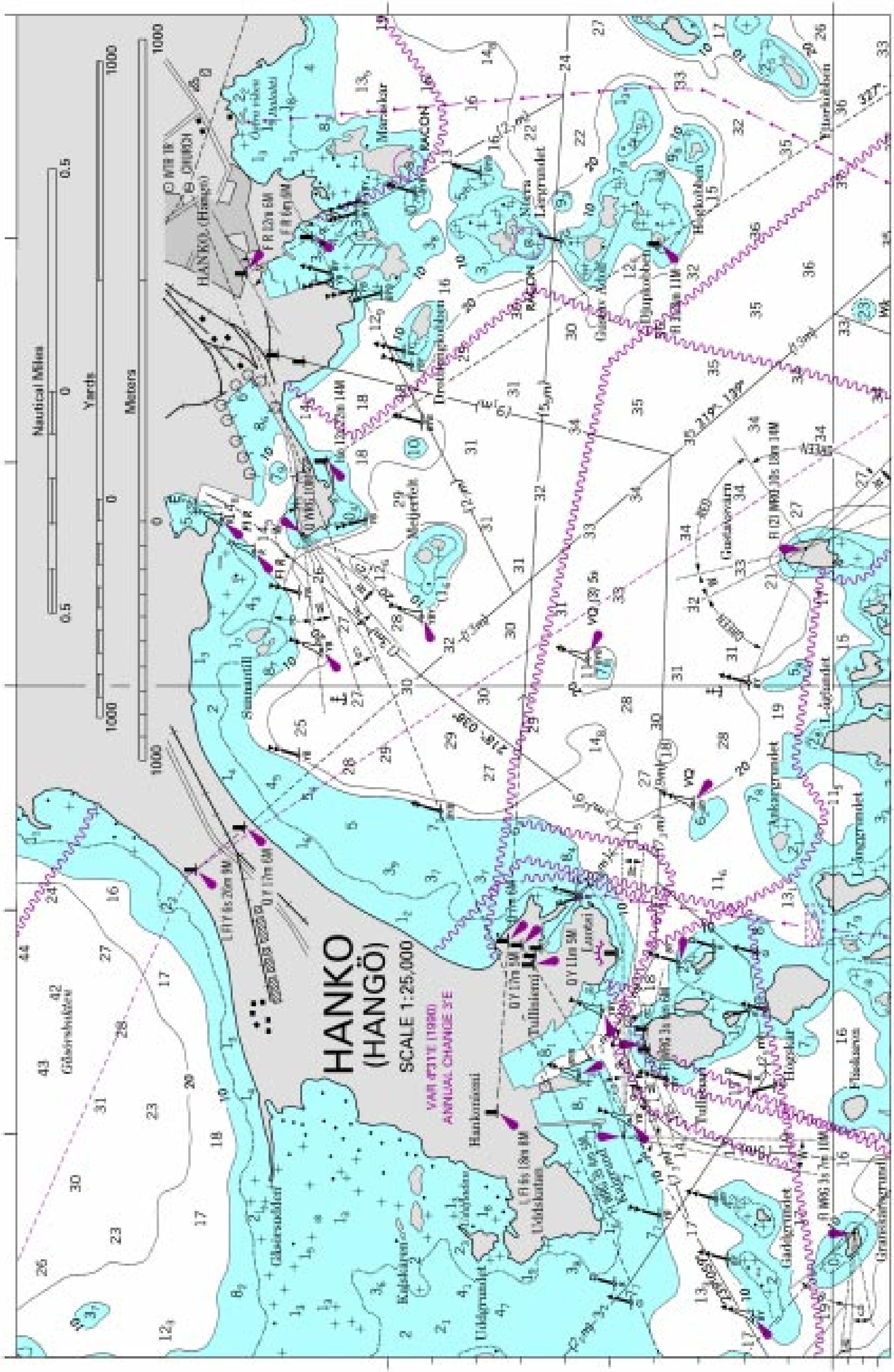

Chart 44321(Plan) (B) NM 32/02

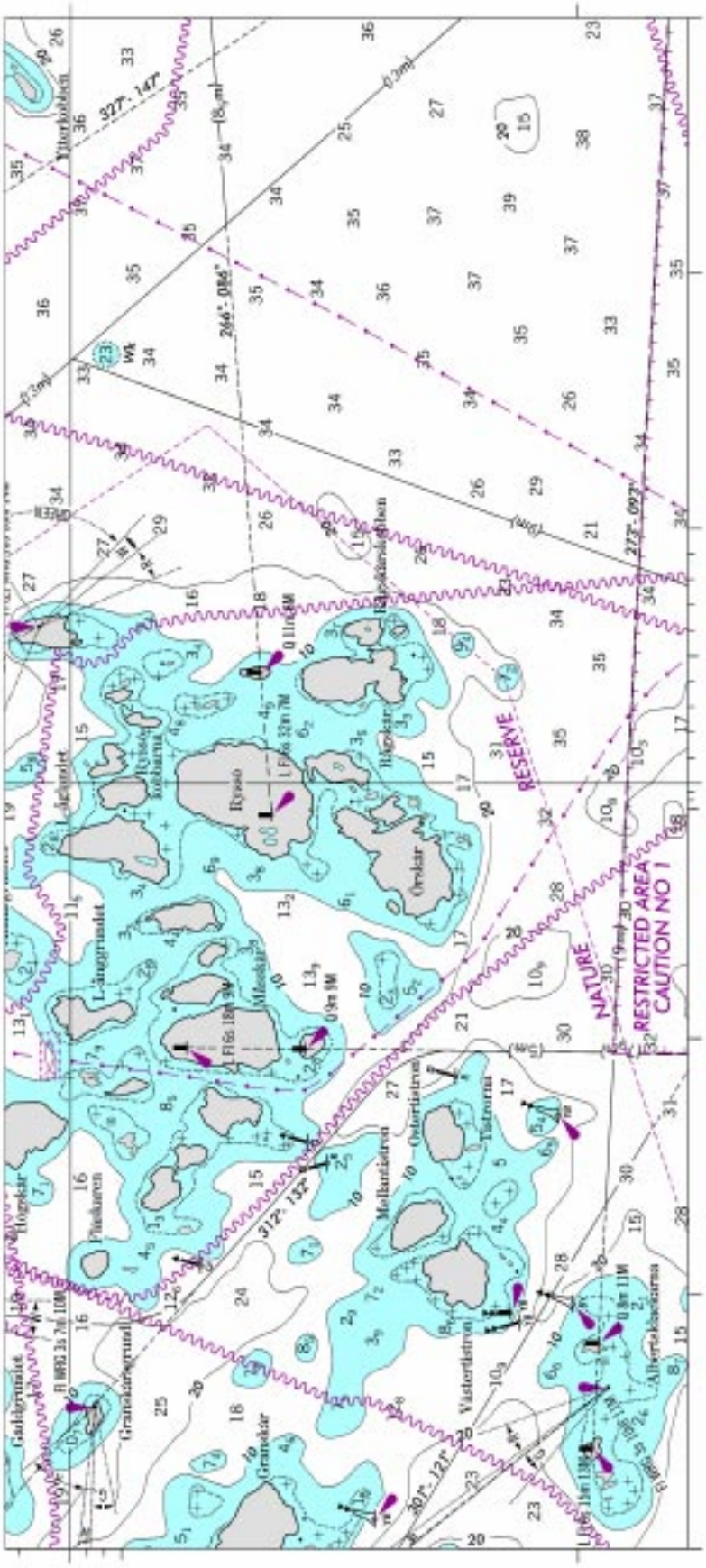

Chart 11378 (Side A) NM 32/02

CAUCUS CHANNEL

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2002

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)
CAUCUS CHANNEL	42.2	41.9	41.0	3-02	A500	3.0	A35

A. PROJECT DIMENSIONS OF 44 FEET FOR A WIDTH OF 800 FEET PROVIDED BY THE U.S. NAVY. AUTHORIZED PROJECT IS 35 FEET FOR A WIDTH OF 500 FEET.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11378 (Side A) NM 32/02

PENSACOLA HARBOR AND BAYOU CHICO CHANNELS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORTS OF MAR 2002

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)
PENSACOLA HARBOR							
BAY CHANNEL	33.0	33.0	33.0	3-02, 4-02	300	2.87	33
WEST CHANNEL	27.2	28.4	27.9	4-02	300	1.13	33
EAST CHANNEL	29.3	31.4	29.9	4-02	300	0.8	33
INNER HARBOR CHANNEL	28.1	28.7	24.4	4-02	500	0.65	33
BAYOU CHICO CHANNELS							
ENTRANCE CHANNEL	7.7	12.3	13.6	12-00	100	0.7	15
INNER CHANNEL	12.6	11.3	11.6	12-00	75	0.96	14
TURNING BASIN	7.1	9.3	9.1	12-00	500	-	14

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

Chart 11382 NM 32/02

CAUCUS CHANNEL

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2002

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)
CAUCUS CHANNEL	42.2	41.9	41.0	3-02	A500	3.0	A35

A. PROJECT DIMENSIONS OF 44 FEET FOR A WIDTH OF 800 FEET PROVIDED BY THE U.S. NAVY. AUTHORIZED PROJECT IS 35 FEET FOR A WIDTH OF 500 FEET.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11383 NM 32/02

CAUCUS CHANNEL

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2002

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)
CAUCUS CHANNEL	42.2	41.9	41.0	3-02	A500	3.0	A35

A. PROJECT DIMENSIONS OF 44 FEET FOR A WIDTH OF 800 FEET PROVIDED BY THE U.S. NAVY. AUTHORIZED PROJECT IS 35 FEET FOR A WIDTH OF 500 FEET.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11383 NM 32/02

PENSACOLA HARBOR AND BAYOU CHICO CHANNELS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2002

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)
PENSACOLA HARBOR							
BAY CHANNEL	33.0	33.0	33.0	3-02, 4-02	300	2.87	33
WEST CHANNEL	27.2	28.4	27.9	4-02	300	1.13	33
EAST CHANNEL	29.3	31.4	29.9	4-02	300	0.8	33
INNER HARBOR CHANNEL	28.1	28.7	24.4	4-02	500	0.65	33
BAYOU CHICO CHANNELS							
ENTRANCE CHANNEL	7.7	12.3	13.6	12-00	100	0.7	15
INNER CHANNEL	12.6	11.3	11.6	12-00	75	0.96	14
TURNING BASIN	7.1	9.3	9.1	12-00	500	-	14

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

Chart 11384 NM 32/02

CAUCUS CHANNEL

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2002

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)
CAUCUS CHANNEL	42.2	41.9	41.0	3-02	A500	3.0	A35

A. PROJECT DIMENSIONS OF 44 FEET FOR A WIDTH OF 800 FEET PROVIDED BY THE U.S. NAVY. AUTHORIZED PROJECT IS 35 FEET FOR A WIDTH OF 500 FEET.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11506 NM 32/02

BRUNSWICK HARBOR CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2002

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)	30.0	32.0	A27.0	5-02	500	7.7	32
PLANTATION CREEK RANGE	34.0	39.5	39.5	5-02	400	1.8	32
JEKYLL ISLAND RANGE	30.0	32.0	34.0	5-02	400	1.9	30
CEDAR HAMMOCK RANGE	30.0	31.5	30.5	5-02	400	1.4	30
BRUNSWICK PT CUT RANGE	27.5	29.0	27.0	5-02	400	2.4	30
EAST RIVER							
LOWER REACH	B31.0	30.0	29.0	5-02	400	1.1	30
UPPER REACH	27.0	27.5	27.0	5-02	350	1.0	27
EAST RIVER TURNING BASIN	30.0	30.0	30.0	5-02	750	0.2	30
TURTLE RIVER LOWER RANGE	35.5	30.5	30.0	5-02	300	1.7	30
BLYTHE ISLAND RANGE	31.0	26.0	26.0	5-02	300	1.5	30
TURTLE RIVER UPPER RANGE	28.0	29.0	26.0	5-02	300	1.7	30
SOUTH BRUNSWICK RIVER	31.0	31.0	30.0	5-02	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 30 FEET, LOCATED 50 FEET INSIDE THE CHANNEL LIMIT, AND 30.5 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

Chart 11521 NM 32/02

CHARLESTON HARBOR ENTRANCE

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOV 2000 AND SURVEYS TO MAY 2002

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)
FORT SUMTER RANGE	44.9	47.5	47.4	45.6	5-02	1000	9.0	47
MOUNT PLEASANT RANGE	41.2	44.9	45.6	44.4	8-00	1000-600	1.6	45

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

Chart 11523 NM 32/02

CHARLESTON HARBOR ENTRANCE

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOV 2000 AND SURVEYS TO MAY 2002

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)
FORT SUMTER RANGE	44.9	47.5	47.4	45.6	5-02	1000	9.0	47
MOUNT PLEASANT RANGE	41.2	44.9	45.6	44.4	8-00	1000-600	1.6	45
REBELLION REACH	40.6	42.7	43.0	31.2	8,9-00;9-01	600	1.4	45

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

Chart 11524 NM 32/02

CHARLESTON HARBOR, COOPER RIVER AND SHIPYARD RIVER

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS- REPORT OF NOV 2000 AND SURVEYS TO MAY 2002

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)
FORT SUMTER RANGE	44.9	47.5	47.4	45.6	5-02	1000	9.0	47
MOUNT PLEASANT RANGE	41.2	44.9	45.6	44.4	8-00	1000-600	1.6	45
REBELLION REACH	40.6	42.7	43.0	31.2	8,9-00;9-01	600	1.4	45
SHUTES-FOLLY REACH	46.4	48.3	48.2	47.6	9-01	600-800	1.3	45
HORSE REACH	48.4	48.5	48.5	46.3	9-01	800	0.5	45
CUSTOMHOUSE REACH	34.3	39.8	47.4	44.2	10-01	1385	0.2	45
SOUTH CHANNEL	24.4	24.8	24.5	A24.3	10-96	600-1000	3.1	45
HOG ISLAND REACH	38.3	41.8	38.6	34.1	8.9-00;11-01	600-1300	1.5	45
DRUM ISLAND REACH	40.1	40.7	44.9	38.2	11-01	600-1300	0.7	45
TOWN CREEK LOWER REACH	37.9	39.1	38.3	36.3	10-01	400-450	1.1	45
TURNING BASIN	34.7	34.3	34.1	33.7	10-01	250	0.25	45
TOWN CREEK UPPER REACH	48.0	39.4	40.4	45.9	12-94, 9-00	250	1.0	45
MYERS BEND	35.2	42.9	45.3	36.5	11-01	600-900	0.4	45
DANIEL ISLAND REACH	41.9	42.2	41.8	36.6	11-01	600-800	1.2	45
DANIEL ISLAND BEND	38.4	43.5	42.6	43.6	11-01	700	0.4	45
CLOUTER CREEK REACH	38.3	42.3	42.4	35.5	7,8-00,2-02	600	0.9	45
NAVY YARD REACH	33.9	41.4	41.3	32.7	7,8-00	600-700	1.1	45
NORTH CHARLESTON REACH	35.4	41.9	42.3	38.9	7-00	500-600	1.0	45
FILBIN CREEK REACH	33.5	40.5	41.3	39.0	7-00	500	0.6	45
PORT TERMINAL REACH	35.1	42.7	42.1	40.7	7-00,3-02	600	0.7	45
ORDNANCE REACH	41.6	41.0	42.3	40.4	3-02	300	0.3	45
ORDNANCE REACH TURNING BASIN	44.1	39.9	38.4	36.1	7-00,3-02	1100	0.26	45
WANDO RIVER								
LOWER REACH	43.7	47.4	46.8	38.1	10-01	1500-400	1.3	45
UPPER REACH	44.0	44.2	44.9	44.0	10-01	400-850	0.74	45
TURNING BASIN	44.2	45.1	49.3	49.8	10-01	550	0.3	45
SHIPYARD CREEK								
MAIN CHANNEL	26.2	27.4	29.0	27.2	8,10-00	1200-300	1.0	30
LOWER TURNING BASIN	37.9	38.9	40.0	40.8	8,10-00	700	0.2	38
UPPER TURNING BASIN	22.0	23.4	23.7	24.7	8,10-00	600	0.15	30
COOPER RIVER								
RANGE A	38.7	37.4	38.3	38.9	7,8-98;12-99	400-1350	1.02	35
RANGE B	20.5	25.2	36.4	37.0	12-99	VARIES	0.74	35
RANGE C	20.6	26.1	38.3	36.1	7,8-98;12-99;1-00	VARIES	0.76	35
RANGE D	30.2	37.4	37.8	37.1	2-00	VARIES	0.58	35
RANGE E	32.1	34.8	38.2	36.3	1-95	VARIES	0.38	35
RANGE F	25.0	36.6	35.2	33.9	1-95	VARIES	0.29	35

A. ALONG CHANNEL EDGE.

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

Chart 14867 NM 32/02

SAGINAW RIVER CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO OCT 2001

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	21.3	24.9	22.0	10-98,10-99,6,7,10-00	350	13.70	27
THENCE TO BUOY 28	22.0	25.4	21.8	10-01	200	0.47	26
THENCE TO ESSEXVILLE TURNING BASIN	23.0	24.1	18.9	10-01	200	2.27	25
ESSEXVILLE TURNING BASIN	19.2 A	20.8	18.4	10-01	630	0.37	25-20
THENCE TO GTW RR BRIDGE	22.4	24.1	23.3	10-01	200	2.05	25
THENCE TO AIRPORT TURNING BASIN	18.8	20.2	17.3 B	10-01	200	3.90	22
THENCE TO BUOY 64	17.3	20.5	16.5	10-01	200	3.20	22
THENCE TO INTERSTATE HWY 75 BRIDGE	19.3	21.3	18.9	10-01	200	2.75	22
THENCE TO 6TH ST TURNING BASIN	14.9	18.5	15.2 C	10-01	200	3.10	22
6TH ST TURNING BASIN	15.9	17.0	14.8	10-01	650	0.20	22
THENCE TO C&O RR BRIDGE	16.7	13.8	11.2	11-96;4-97;10-98;8-00;10-01	200	0.17	22
THENCE TO CARROL ST.	15.4	15.6	13.0	10-77	200	0.30	16

A. SHOALING TO 12.8 IN OUTSIDE 25 FT OF CHANNEL
B. SHOALING TO 15.9 FEET AT 43°36'26.8"N 083°52'21.3"W
C. SHOALING TO 11.6 FEET AT 43°27'17.2"N 083°55'39.2"W
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION