



SECTION I

NM 31/02

Chart 11478

NM 31/02

PORT CANAVERAL CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2002 AND SURVEYS OF APR 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)
OUTER REACH	40.8	40.7	41.1	41.1	4-02	400	5.5	44
MIDDLE REACH	37.4	40.3	41.2	40.6	4-02	400	0.9	44
INNER REACH	38.2	40.8	41.0	38.4	4-02	400	0.8	40
WEST ACCESS CHANNEL (EAST PORTION)	37.9	40.3	40.8	39.6	9-01	400	0.3	39
WEST ACCESS CHANNEL (WEST PORTION)	30.4	34.8	35.6	34.5	9-01	400	0.3	31

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

Chart 11481

NM 31/02

PORT CANAVERAL CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2002 AND SURVEYS OF APR 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)
OUTER REACH	40.8	40.7	41.1	41.1	4-02	400	5.5	44
MIDDLE REACH	37.4	40.3	41.2	40.6	4-02	400	0.9	44
INNER REACH	38.2	40.8	41.0	38.4	4-02	400	0.8	40
WEST ACCESS CHANNEL (EAST PORTION)	37.9	40.3	40.8	39.6	9-01	400	0.3	39
WEST ACCESS CHANNEL (WEST PORTION)	30.4	34.8	35.6	34.5	9-01	400	0.3	31

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

Chart 11505

NM 31/02

SAVANNAH RIVER CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF 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)
TYBEE RANGE	43.5	43.0	44.0	42.5	5-02	600	3.3	44
BLOODY POINT RANGE	43.5	43.5	44.0	43.5	5-02	600	3.0	44
JONES ISLAND RANGE	44.5	42.5	43.5	44.0	5-02	600	1.2	44
TYBEE KNOLL CUT RANGE	42.5	43.0	43.5	42.5	5-02	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

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Chart 11512

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SAVANNAH RIVER CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF 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)
TYBEE RANGE	43.5	43.0	44.0	42.5	5-02	600	3.3	44
BLOODY POINT RANGE	43.5	43.5	44.0	43.5	5-02	600	3.0	44
JONES ISLAND RANGE	44.5	42.5	43.5	44.0	5-02	600	1.2	44
TYBEE KNOLL CUT RANGE	42.5	43.0	43.5	42.5	5-02	500	2.5	42
NEW CHANNEL RANGE (A)	38.0	41.5	41.0	40.0	5-02	500	1.6	42
L. I. CROSSING RANGE	41.0	44.0	44.5	41.0	5-02	500	2.6	42
LOWER FLATS RANGE	42.0	46.0	46.0	43.0	5-02	500	1.3	42
UPPER FLATS RANGE	44.5	45.0	46.0	40.0	5-02	500	1.2	42
THE BIGHT CHANNEL	44.0	45.0	47.5	45.0	5-02	500	1.5	42
FT. JACKSON RANGE	45.5	47.5	47.0	42.0	5-02	500	0.7	42
OGLETHORPE RANGE	41.0	45.0	46.0	43.5	5-02	500	1.2	42
WRECKS CHANNEL (B)	41.0	45.0	47.0	45.0	5-02	500	1.5	42
CITY FRONT CHANNEL	43.5	43.5	42.0	37.0	5-02	500	1.5	42
MARSH ISLAND CHANNEL (C)	44.0	44.5	44.5	43.0	5-02	500	1.7	42
KINGS ISLAND CHANNEL (D)	38.0	40.0	43.0	43.0	5-02	500	2.1	42
WHITEHALL CHANNEL (E)	33.0	32.5	34.0	37.5	4-02	400	0.6	42-36
PORT WENTWORTH CHANNEL (F)	30.0	33.0	31.5	32.0	12-94; 5-02	200	1.2	30

A. OYSTER BED TURNING BASIN-CONTROLLING DEPTH 43.0 FT, 38.0 FT 100 FT FROM BACKSIDE.  
 B. FIG ISLAND TURNING BASIN-CONTROLLING DEPTH 40.0 FT, 29.0 FT 100 FT FROM BACKSIDE.  
 C. MARSH ISLAND TURNING BASIN-CONTROLLING DEPTH 37.0 FT, 27.0 FT 100 FT FROM BACKSIDE.  
 D. KINGS ISLAND TURNING BASIN-CONTROLLING DEPTH 43.0 FT, 50.0 FT 100 FT FROM BACKSIDE.  
 E. ARGYLE ISLAND TURNING BASIN-CONTROLLING DEPTH 38.0 FT 100 FT FROM BACKSIDE.  
 F. PORT WENTWORTH TURNING BASIN-CONTROLLING DEPTH 33.0 FT, 27.0 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 31/02

SAVANNAH RIVER CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF 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)
OGLETHORPE RANGE	41.0	45.0	46.0	43.5	5-02	500	1.2	42
WRECKS CHANNEL (A)	41.0	45.0	47.0	45.0	5-02	500	1.5	42
CITY FRONT CHANNEL	43.5	43.5	42.0	37.0	5-02	500	1.5	42
MARSH ISLAND CHANNEL (B)	44.0	44.5	44.5	43.0	5-02	500	1.7	42
KINGS ISLAND CHANNEL (C)	38.0	40.0	43.0	43.0	5-02	500	2.1	42
WHITEHALL CHANNEL (D)	33.0	32.5	34.0	37.5	5-02	400	0.6	42-36
PORT WENTWORTH CHANNEL (E)	30.0	33.0	31.5	32.0	12-94; 5-02	200	1.2	30

A. FIG ISLAND TURNING BASIN-CONTROLLING DEPTH 40.0 FT, 29.0 FT 100 FT FROM BACKSIDE.  
 B. MARSH ISLAND TURNING BASIN-CONTROLLING DEPTH 37.0 FT, 27.0 FT 100 FT FROM BACKSIDE.  
 C. KINGS ISLAND TURNING BASIN-CONTROLLING DEPTH 43.0 FT, 50.0 FT 100 FT FROM BACKSIDE.  
 D. ARGYLE ISLAND TURNING BASIN-CONTROLLING DEPTH 38.0 FT 100 FT FROM BACKSIDE.  
 E. PORT WENTWORTH TURNING BASIN-CONTROLLING DEPTH 33.0 FT, 27.0 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 31/02

Chart 11537

NM 31/02

CAPE FEAR RIVER CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 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)
BALDHEAD SHOAL	36.2	38.3	36.9	32.6	8,10-01	500	5.0	40
SMITH ISLAND	43.8	44.2	44.1	44.7	3-02	500	1.0	40
BALDHEAD CASWELL CHANNEL	44.8	45.2	44.2	44.4	2-02	500	0.4	40
SOUTHPORT CHANNEL	43.5	45.1	44.9	44.1	1-02	500	1.0	40
BATTERY ISLAND CHANNEL	45.1	44.2	44.7	44.1	2-02	500	0.5	40
LOWER SWASH	41.5	42.5	42.5	41.4	1-02	400	1.6	38
SNOWS MARSH	42.1	41.8	40.4	40.5	9,11-01;1-02	400	3.1	38
HORSESHOE SHOAL	40.4	41.7	42.1	40.8	2-02	400	1.2	38
REAVES POINT	35.8	37.8	37.2	35.5	3-02	400	1.2	38
LOWER MIDNIGHT	35.5	38.4	38.6	34.0	3-02	400	1.6	38
UPPER MIDNIGHT	36.7	37.6	38.3	36.2	3-02	400	2.7	38
LOWER LILLIPUT	37.1	36.8	36.9	35.3	3-02	400	1.9	38
UPPER LILLIPUT	35.7	37.1	37.0	35.8	3-02	400	1.9	38
KEG ISLAND	37.4	38.9	37.6	34.9	1-02	400	1.4	38
BIG ISLAND LOWER	39.7	42.6	43.6	41.6	2-02	400	0.8	38
BIG ISLAND UPPER	41.1	42.9	43.5	37.5	3-02	400	0.5	38
LOWER BRUNSWICK	37.7	38.3	38.9	37.8	4-02	400	1.6	38
UPPER BRUNSWICK	34.1	39.7	39.7	38.8	4-02	400	1.0	38
FOURTH EAST JETTY	36.7	38.6	39.0	36.5	4-02	400	1.2	38
BETWEEN CHANNEL	32.2	39.7	39.1	36.2	4-02	550	0.8	38
ANCHORAGE BASIN & APP CHANNEL	29.8	35.9	35.9	32.2	4-02	450-1090	1.3	38
HWY 74-76 TO BATTLESHIP	30.7	32.9	36.2	29.0	12-99	400	0.6	32
BATTLESHIP TO HWY 117 INCLUDING TURNING BASIN	7.2	30.0	31.6	23.4	4-01	190-850	-	32
HWY 117 TO HILTON BR	27.0	28.8	31.8	30.5	4-01	200-400	0.5	32
THENCE TO END OF PROJECT AT 34°16'36"N, 77°57'01"W	23.1	23.6A	23.5B	21.9C	6-99	200	1.2	25
TURNING BASIN	24.6	21.0	22.2	16.1	6-99	500	0.1	25

A. EXCEPT FOR SHOALING TO 21.4 FEET FOR THE LAST 150 FEET OF THE PROJECT.  
 B. EXCEPT FOR SHOALING TO 16.4 FEET FOR THE LAST 150 FEET OF THE PROJECT.  
 C. EXCEPT FOR SHOALING TO 10.2 FEET FOR THE LAST 150 FEET OF THE PROJECT.  
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 12221

NM 31/02

THIMBLE SHOAL AND CHESAPEAKE BAY ENTRANCE CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2001 AND SURVEYS TO JUN 2001								
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
CAPE HENRY CHANNEL	47.9	48.8	49.0	48.5	2,3,6-00	1000	1.4	50
YORK SPIT CHANNEL	38.5	49.5	50.1	45.9	11,12-99;2,3-00	1000(E)	18.4	50
YORK RIVER ENTRANCE CHANNEL	37.3	37.9	37.9	37.2	10,11-99;6-01	750	13.8	37

A. 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.

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Chart 12238

NM 31/02

YORK RIVER ENTRANCE CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2001 AND SURVEYS TO JUN 2001								
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)
YORK RIVER ENTRANCE	37.3	37.9	37.9	37.2	10,11-98 ; 6-01	750	13.8	37
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 12337

NM 31/02

NEWARK BAY, PASSAIC AND HACKENSACK RIVERS CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAR 2002 AND SURVEYS TO DEC 2001								
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)
NEWARK BAY MIDDLE REACH	35.0	39.4	36.0	31.4	12-01	1750-500	1.4	40
NEWARK BAY NORTH REACH	33.3	33.7	21.9	A18.7	12-01	900-500	1.1	35
TURNING BASIN	23.8	24.9	21.9	A18.7	12-01	900	0.26	35
PASSAIC RIVER:								
KEARNY PT REACH	17.1	18.1	16.9	13.4	11-01	300	1.1	30
POINT NO POINT REACH	2.0	6.5	15.0	8.9	11-01	300	1.1	30
HARRISON REACH	B1.3	4.2	5.4	1.9	2-00; 11-01	300	1.9	20
NEWARK REACH	0.9	9.6	10.8	C1.0	2-00; 11-01	300	1.3	20
KEARNY REACH	0.7	8.2	7.2	D1.1	2-00; 11-01	300	0.9	20
ARLINGTON REACH	2.0	4.9	9.0	E2.6	2-00; 11-01	200	0.9	16
BELLEVILLE REACH	0.1	0.4	8.0	9.9	6-82 H	150	1.4	10
NUTLEY REACH	2.6	9.2	7.4	3.5	11-89 H	150	1.7	10
RUTHERFORD REACH	1.7	5.1	3.8	3.7	11-89 H	150	2.2	10
WALLINGTON REACH	F2.2	1.5	1.9	G1.1	11-89 H	150	0.9	10
HACKENSACK RIVER:								
DROYERS POINT REACH	25.4	28.7	25.5	18.9	12-01	300-400	1.5	30
MARION REACH	28.7	29.3	25.9	22.1	12-01	300	1.8	30
TURNING BASIN	14.9	23.5	28.4	23.4	12-01	300-800	0.2	25
PORT NEWARK CHANNEL:								
BRANCH CHANNEL	33.0	35.7	33.5	33.2	1,2-01	1050-400	0.4	40
INSHORE CHANNEL	36.3	34.6	30.1	28.7	1,2-01	400	1.1	35
PIERHEAD CHANNEL	33.8	35.6	35.0	33.4	1,2-01	300	0.7	40
A. EXCEPT FOR A SHOAL TO 7.7 FT AT 40° 42' 11.4" N 74° 06' 56.1" W ALONG THE RIGHT OUTSIDE QUARTER OF THE REACH.								
B. EXCEPT FOR SHOALS, BARE AT M.L.L.W., FROM 40° 44' 26" N 74° 08' 18" W TO 40° 44' 23" N 74° 08' 25" W								
C. EXCEPT FOR SHOALS, BARE AT M.L.L.W., FROM 40° 44' 03" N 74° 09' 24" W TO 40° 44' 09" N 74° 09' 31" W AND 40° 44' 07" N 74° 09' 36" W TO 40° 44' 09" N 74° 09' 39" W								
D. EXCEPT FOR A SHOAL TO BARE FROM 40° 45' 06.0" N 74° 09' 52.0" W TO 40° 45' 12.0" N 74° 09' 51.0" W AND 40° 45' 38" N 74° 09' 43" W TO 40° 45' 31" N 74° 09' 47" W								
E. EXCEPT FOR A SHOAL TO BARE FROM 40° 45' 59" N 74° 09' 25" W TO 40° 45' 56" N 74° 09' 27" W								
F. A SHOAL BARE AT M.L.L.W. EXTENDS ACROSS THE LEFT OUTSIDE QUARTER ABOUT 370 YARDS DOWNSTREAM OF THE EIGHTH STREET BRIDGE.								
G. A SHOAL BARE AT M.L.L.W. EXTENDS ACROSS THE RIGHT OUTSIDE QUARTER ABOUT 300 YARDS NORTH OF THE MAIN ST. BRIDGE AND SHOALING TO 0.3 FEET 175 FEET WEST OF THE SECOND ST. BRIDGE.								
H. THE CORPS OF ENGINEERS HAS CONFIRMED THAT THIS REACH IS NOT ACTIVELY MAINTAINED.								
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

SECTION I

Chart 14926 (Page 25)

NM 31/02

CALUMET HARBOR CHANNEL DEPTHS									
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO NOV 2001									
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)	
ENTRANCE TO BKW S END LT	25.8	27.6	28.0	29.7	11,12-98, 11-01	3000-3200	2.24	29	
BKW S END LT TO RIVER ENTR LT	A24.2	25.4	26.6	19.6	11-01	300-3000	2.00	28	
RIVER ENTR LT TO INTERSTATE 90 BRIDGE	26.4	27.5	26.4	B20.3	10,11-01	100-300	1.44	27	
INTERSTATE 90 BRIDGE TO 106th ST BRIDGE	24.4	25.7	26.7	17.5	10-01	160-320	1.09	27	
106th ST BRIDGE TO TURNING BASIN NO 3	24.6	26.8	24.6	C20.4	10-01	160-400	1.95	27	
TURNING BASIN NO 3 TO TURNING BASIN NO 5	24.4	25.4	25.4	D20.0	10-01	200-650	1.47	27	
TURNING BASIN NO 5 TO SLIP NO 1	26.0	26.4	26.5	E16.3	10-01	400-1200	.98	27	
SLIP NO 1 TO END	F18.2	G23.8	H24.0	I23.0	10-01	1000-1200	.37	27	
A. SHOALING TO 15.9 FEET IN OUTSIDE 20 FEET OF QUARTER. B. SHOALING TO 13.7 FEET IN OUTSIDE 20 FEET OF QUARTER. C. SHOALING TO 14.1 FEET IN OUTSIDE 15 FEET OF QUARTER. D. SHOALING TO 8.5 FEET IN OUTSIDE 15 FEET OF QUARTER. E. SHOALING TO 7.9 FEET IN OUTSIDE 30 FEET OF QUARTER F. SHOALING TO 10.6 FEET IN OUTSIDE 100 FEET OF QUARTER. G. SHOALING TO 1.7 FEET WITHIN LAST 100 FEET OF QUARTER. H. SHOALING TO 5.5 FEET WITHIN LAST 100 FEET OF QUARTER. I. SHOALING TO 11.4 FEET WITHIN LAST 100 FEET OF QUARTER.  NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION									

Chart 14929

NM 31/02

CALUMET HARBOR CHANNEL DEPTHS									
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO NOV 2001									
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)	
ENTRANCE TO BKW S END LT	25.8	27.6	28.0	29.7	11,12-98, 11-01	3000-3200	2.24	29	
BKW S END LT TO RIVER ENTR LT	A24.2	25.4	26.6	19.6	11-01	300-3000	2.00	28	
RIVER ENTR LT TO INTERSTATE 90 BRIDGE	26.4	27.5	26.4	B20.3	10,11-01	100-300	1.44	27	
INTERSTATE 90 BRIDGE TO 106th ST BRIDGE	24.4	25.7	26.7	17.5	10-01	160-320	1.09	27	
106th ST BRIDGE TO TURNING BASIN NO 3	24.6	26.8	24.6	C20.4	10-01	160-400	1.95	27	
TURNING BASIN NO 3 TO TURNING BASIN NO 5	24.4	25.4	25.4	D20.0	10-01	200-650	1.47	27	
TURNING BASIN NO 5 TO SLIP NO 1	26.0	26.4	26.5	E16.3	10-01	400-1200	.98	27	
SLIP NO 1 TO END	F18.2	G23.8	H24.0	I23.0	10-01	1000-1200	.37	27	
A. SHOALING TO 15.9 FEET IN OUTSIDE 20 FEET OF QUARTER. B. SHOALING TO 13.7 FEET IN OUTSIDE 20 FEET OF QUARTER. C. SHOALING TO 14.1 FEET IN OUTSIDE 15 FEET OF QUARTER. D. SHOALING TO 8.5 FEET IN OUTSIDE 15 FEET OF QUARTER. E. SHOALING TO 7.9 FEET IN OUTSIDE 30 FEET OF QUARTER F. SHOALING TO 10.6 FEET IN OUTSIDE 100 FEET OF QUARTER. G. SHOALING TO 1.7 FEET WITHIN LAST 100 FEET OF QUARTER. H. SHOALING TO 5.5 FEET WITHIN LAST 100 FEET OF QUARTER. I. SHOALING TO 11.4 FEET WITHIN LAST 100 FEET OF QUARTER.  NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION									