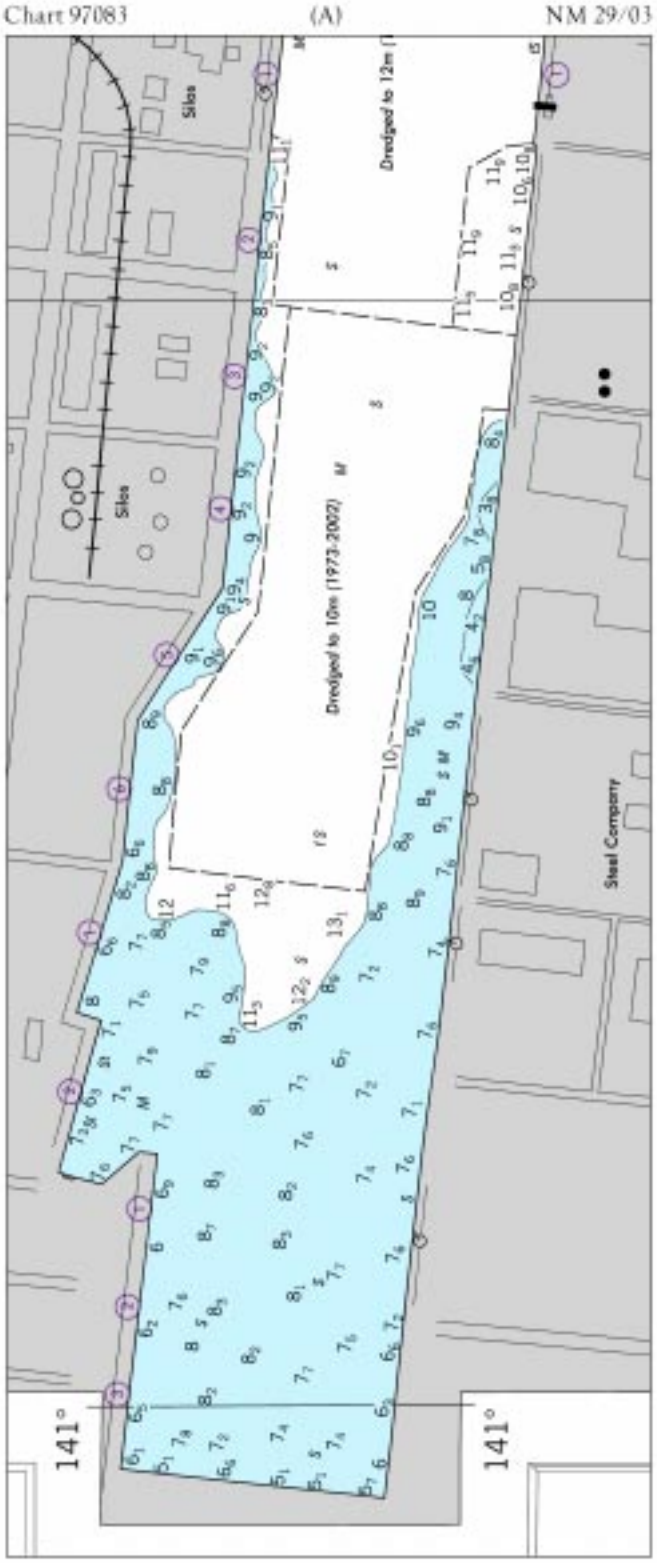
Chart 97083
(A)
NM 29/03
Silos
Silos
Dredged to 12m
Dredged to 10m (1973-2002)
Steel Company
141°
141°

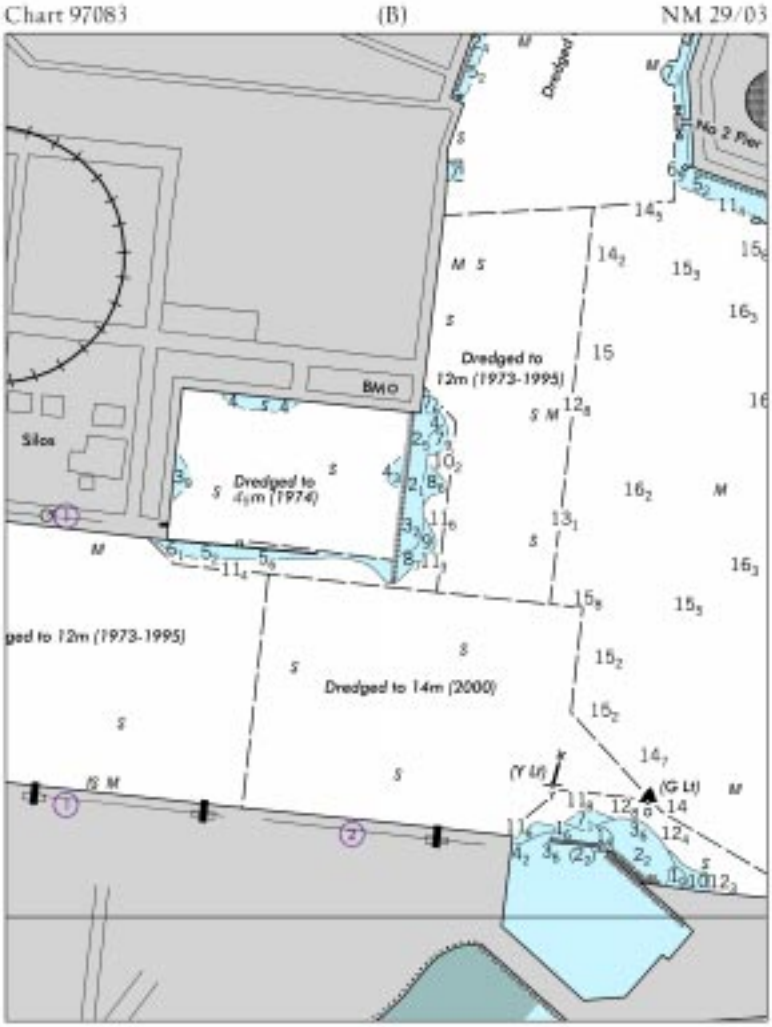
Chart 97083
(B)
NM 29/03
Dredged
No 2 Pier
Dredged to
12m (1973-1995)
BMO
Silos
Dredged to
4½m (1974)
ged to 12m (1973-1995)
Dredged to 14m (2000)
(Y Lt)
(G Lt)

Chart 97200 (Plan A) NM 29/03

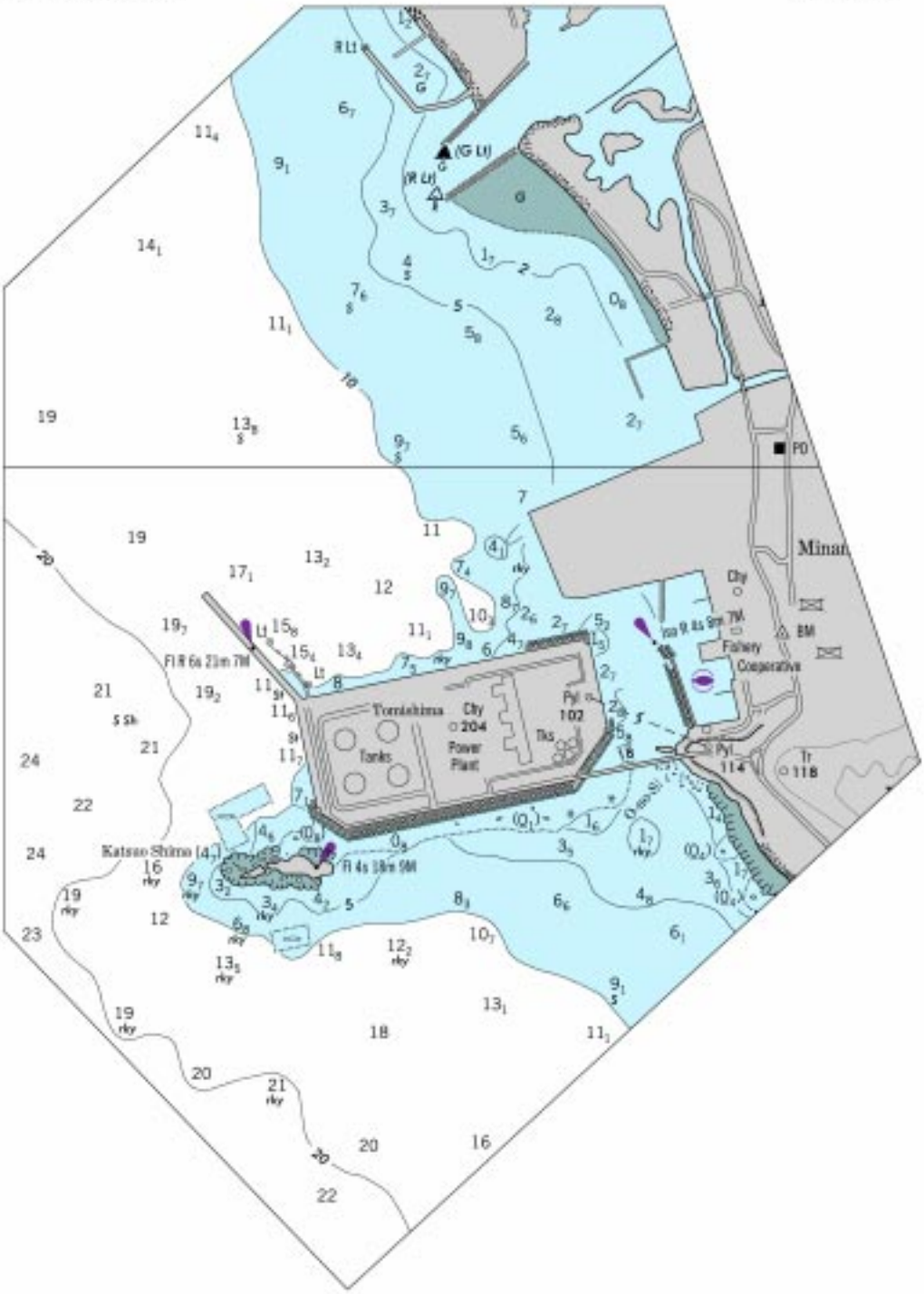

Chart 11323 NM 29/03

GALVESTON BAY ENTRANCE - CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAY 2003

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT).						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)
ENTRANCE CHANNEL	42.0	46.0	43.0	37.0	3-03	800-1000	7.5	45
OUTER BAR CHANNEL	39.0	45.0	47.0	48.0	9-02	800	1.5	45
INNER BAR CHANNEL	38.0	42.0	43.0	37.0	9-02	800	2.9	45

INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS. DEPTHS ARE REFERENCED TO A LOCAL DREDGING REFERENCE CALLED MEAN LOW TIDE. FOR AN APPROXIMATE CONVERSION TO MEAN LOWER LOW WATER, ADD 1 FOOT TO EACH DEPTH IN THE TABULATION.

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

Chart 11324 NM 29/03

GALVESTON BAY AND HOUSTON SHIP CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAY 2003

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT)						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)
GALVESTON HARBOR:								
ENTRANCE CHANNEL	42.0	46.0	43.0	37.0	3-03	800-1000	7.5	45
OUTER BAR CHANNEL	39.0	45.0	47.0	48.0	9-02	800	1.5	45
INNER BAR CHANNEL	38.0	42.0	43.0	37.0	9-02	800	2.9	45
BOLIVAR ROADS CHANNEL	48.0	48.0	46.0	41.0	9-02	800	0.7	45
HOUSTON SHIP CHANNEL:								
BOLIVAR ROADS TO LOWER END OF MORGAN PT.	36.0	42.0	40.0	32.0	9-02	400-530	23.4	40
GALVESTON CHANNEL	25.0	31.0	34.0	24.0	7-02	1125-1075	3.5	40
TEXAS CITY CHANNEL	35.0	42.0	41.0	37.0	3-03	400	5.9	40
TEXAS CITY TURNING BASIN	37.0	38.0	38.0	37.0	3-03	1200	0.5	40

INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS. DEPTHS ARE REFERENCED TO A LOCAL DREDGING REFERENCE CALLED MEAN LOW TIDE. FOR AN APPROXIMATE CONVERSION TO MEAN LOWER LOW WATER, ADD 1 FOOT TO EACH DEPTH IN THE TABULATION.

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

Chart 11342 NM 29/03

SABINE PASS - SABINE - NECHES CANAL CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAY 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)
SABINE PASS:								
OUTER BAR CHANNEL	37	42	39	38	2-03	800	3.0	42
JETTY CHANNEL	36	41	40	32	1-03	800-500	3.5	40
PASS CHANNEL	25	31	40	31	1-03	500-1150	4.9	40
ANCHORAGE BASIN	33	21	11	1	2-03	1500	0.5	40
PORT ARTHUR SHIP CANAL	36	40	40	36	1-03	500	4.8	40
JUNCTION PORT ARTHUR-SABINE NECHES CANALS	31	38	34	33	1-03	400-1200	1.1	40
ENTRANCE TO PORT ARTHUR TURNING BASINS	41	42	42	41	4-03	282-735	0.2	40
EAST TURNING BASIN	35	35	35	36	3-03	370-547	0.3	40
WEST TURNING BASIN	42	42	42	41	4-03	350-735	0.3	40
CHANNEL CONNECTING WEST BASIN AND TAYLOR BAYOU TURNING BASIN	42	42	42	42	4-03	200-350	0.5	40
TAYLOR BAYOU TURNING BASIN	30	40	40	36	1-03	90-1233	0.6	40
SABINE-NECHES CANAL:								
PORT ARTHUR TO NECHES RIVER	32	37	35	31	2-03	400	9.6	40
NECHES RIVER TO SABINE RIVER	25	25	23	21	12-02	200	3.9	30

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

Chart 11344 NM 29/03

CALCASIEU PASS AND RIVER

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 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)
BAR CHANNEL	29.0	41.0	39.0	25.0	4-03	800	19.1	42
JETTY CHANNEL TO (29°46'00.0"N, 93°20'40.0"W)	33.0	46.0	47.0	49.0	3-03	400	1.4	40
THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	23.0	38.0	42.0	38.0	3-03	400	6.0	40

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

Chart 11347 (Side A) NM 29/03

CALCASIEU PASS AND RIVER

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 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)
BAR CHANNEL	29.0	41.0	39.0	25.0	4-03	800	19.1	42
JETTY CHANNEL TO (29°46'00.0"N, 93°20'40.0"W)	33.0	46.0	47.0	49.0	3-03	400	1.4	40
THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	23.0	38.0	42.0	38.0	3-03	400	6.0	40
THENCE TO A POINT (29°58'00.0"N, 93°20'10.0"W)	30.0	36.0	39.0	34.0	3-03	400	6.0	40
THENCE TO A POINT (A) (30°04'00.0"N, 93°19'38.0"W)	32.0	37.0	38.0	33.0	3,4-03	400	6.0	40
THENCE TO A POINT (B) (30°09'00.0"N, 93°19'58.0"W)	31.0	36.0	33.0	28.0	2,3-03	400	5.0	40
THENCE TO 210 BRIDGE	34.0	38.0	35.0	33.0	2-03	400	4.4	40
THENCE TO END OF 400 CHANNEL (30°13'09.0"N, 93°15'08.0"W)	34.0	39.0	36.0	33.0	2-03	400	2.0	40

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

Chart 11347 (Side B) NM 29/03

CALCASIEU PASS AND RIVER

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 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)
BAR CHANNEL	29.0	41.0	39.0	25.0	4-03	800	19.1	42
JETTY CHANNEL TO (29°46'00.0"N, 93°20'40.0"W)	33.0	46.0	47.0	49.0	3-03	400	1.4	40
THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	23.0	38.0	42.0	38.0	3-03	400	6.0	40
THENCE TO A POINT (29°58'00.0"N, 93°20'10.0"W)	30.0	36.0	39.0	34.0	3-03	400	6.0	40
THENCE TO A POINT (A) (30°04'00.0"N, 93°19'38.0"W)	32.0	37.0	38.0	33.0	3,4-03	400	6.0	40
THENCE TO A POINT (B) (30°09'00.0"N, 93°19'58.0"W)	31.0	36.0	33.0	28.0	2,3-03	400	5.0	40
THENCE TO 210 BRIDGE	34.0	38.0	35.0	33.0	2-03	400	4.4	40
THENCE TO END OF 400 CHANNEL (30°13'09.0"N, 93°15'08.0"W)	34.0	39.0	36.0	33.0	2-03	400	2.0	40

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

Chart 12327 NM 29/03

ARTHUR KILL, KILL VAN KULL, NEWARK BAY,
PASSAIC AND HACKENSACK RIVERS CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS-
REPORT OF APR 2003 AND SURVEYS TO DEC 2002

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)			
NAME OF CHANNEL	DEPTH MLLW (FEET)	WIDTH (FEET)	DATE OF SURVEY
ARTHUR KILL (OUTERBRIDGE REACH TO N. OF SHOOTERS I. REACH)	A22.1	800-500	9-01; 3,12-02
KILL VAN KULL (CONSTABLE HOOK REACH TO BERGEN PT. WEST REACH)	36.8	2000-800	2-97; 10-02
S. OF SHOOTERS I. REACH	B5.0	400	8-90
NEWARK BAY (NEWARK BAY S. REACH TO DROYERS PT. REACH)	C18.7	1750-300	12-01
PASSAIC RIVER (KEARNY PT. REACH TO ARLINGTON REACH)	D0.4	300-200	7-02
HACKENSACK RIVER (DROYERS PT. REACH TO TURNING BASIN)	14.1	300-800	7-02

A. A DEPTH OF 34.1 FEET WAS AVAILABLE IN THE MIDDLE HALF.
B. OBSTUCTIONS INTERSPERSED IN THE TWO RIGHT QUARTERS. THERE IS A MINIMUM DEPTH OF 5.9 FEET OVER WRECKAGE.
C. A DEPTH OF 21.9 FEET WAS AVAILABLE IN THE MIDDLE HALF, EXCEPT FOR SHOALING TO 8.4 FT AT 40° 42' 11.4" N 74° 06' 56.1" W.
D. A DEPTH OF 4.6 FEET WAS AVAILABLE IN THE MIDDLE HALF.

NOTE 1. SEE LARGE SCALE CHARTS FOR MORE DETAIL OF REACHES.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE

Chart 12333 NM 29/03

ARTHUR KILL, KILL VAN KULL, NEWARK BAY AND UPPER BAY CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2003
AND SURVEYS TO DEC 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)
FRESH KILLS REACH	29.0	35.2	36.5	33.9	3-02	500	1.8	35
TREMLEY POINT REACH	31.8	37.0	36.2	30.9	3-02	600	0.9	35
PRALLS ISLAND REACH	29.2	34.9	35.6	32.4	3-02	500	1.2	35
GULFPORT REACH	26.3	37.3	37.1	31.9	9-01; 3-02	500-600	1.1	35
ELIZABETHPORT REACH	30.9	35.7	35.6	31.4	9-01	500-600	1.1	35
N OF SHOOTERS ISLAND REACH	30.0	34.1	35.2	32.5	9-01; 12-02	600	1.0	35
S OF SHOOTERS ISLAND REACH	18.6	24.1	14.0	A 5.0	8-90	400	1.0	30
BERGEN PT. WEST REACH	36.8	40.5	41.4	41.6	9-01; 4-02	800	1.1	35
BERGEN PT. EAST REACH	43.2	43.4	42.2	42.6	2-97; 10-02	800	1.0	35
CONSTABLE HOOK REACH	44.2	47.2	47.1	47.0	10-02	2000-800	2.2	35
NEWARK BAY SOUTH REACH	40.8	40.8	40.0	32.5	5-99; 12-01	1750-1000	1.4	40
NEWARK BAY MIDDLE REACH	35.0	39.4	36.0	31.4	12-01	1750-500	1.4	40
ELIZABETH CHANNEL	36.4	38.6	39.9	37.3	3-99; 1,2-01	1350-500	1.4	40
PORT NEWARK CHANNEL :								
PORT NEWARK (BRANCH CHANNEL)	32.3	35.5	33.5	32.4	2,12-01	1050-400	0.4	40
PIERHEAD CHANNEL	33.8	35.6	35.0	33.4	1,2-01	300	0.7	40

A. OBSTRUCTIONS INTERSPERSED IN THE TWO RIGHT QUARTERS. THERE IS A MINIMUM DEPTH OF 5.9 FT OVER WRECKAGE.

* CONTROLLING DEPTHS IN CHANNELS OF RARITAN BAY - EAST REACH TO AND INCLUDING GULFPORT REACH ARE REFERENCED FROM SEAWARD WHEN ENTERING FROM LOWER NEW YORK BAY. CONTROLLING DEPTHS FROM CONSTABLE HOOK TO AND INCLUDING ELIZABETHPORT REACH ARE REFERENCED FROM SEAWARD WHEN ENTERING FROM UPPER NEW YORK BAY.

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

Chart 12348 NM 29/03

HUDSON RIVER CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF FEB 1998
AND SURVEYS TO OCT 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)
HUDSON RIVER LIGHT "140" (CHART 12347) TO FOURMILE POINT	28.4	29.6	31.1	9-02	400	1.5	32
FOURMILE POINT TO 730 YARDS NORTH OF MILL CREEK LIGHT "MC"	29.7	29.9	27.4	9-02	400	7.0	32
ANCHORAGE AT STUYVESANT	31.2	31.5	29.3	11-01	400	0.4	32
730 YARDS NORTH OF MILL CREEK LIGHT "MC" TO ALBANY TURNING BASIN	22.4	31.0	26.6	1,8,9 - 02	400-500	12.1	32
TURNING BASIN AT ALBANY	32.9	30.4	23.3	7 - 02	600	0.3	32
TURNING BASIN AT ALBANY TO DUNN MEMORIAL BRIDGE	15.6	15.0	13.8	7 - 01; 10 - 02	300-400	0.9	27-32
(AT LOWEST LOW WATER) DUNN MEMORIAL BRIDGE TO PATROON ISLAND BRIDGE	9.2	14.0	13.8	9 - 98; 10,11 - 01	616-400	1.7	14
PATROON ISLAND BRIDGE TO NORTH END OF ADAMS ISLAND	10.2	13.4	4.5	5,8,11- 01;9-02	400-200	5.3	14
THENCE TO TROY LOCK	7.0	13.6	10.9	5 - 01; 7 - 02	600-45	0.3	14
CHANNEL EAST OF ADAMS ISLAND	13.8	14.0	8.9	5 - 01; 7 - 02	145	0.4	14

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