Chart 54409 (Plan D) (A) NM 8/03

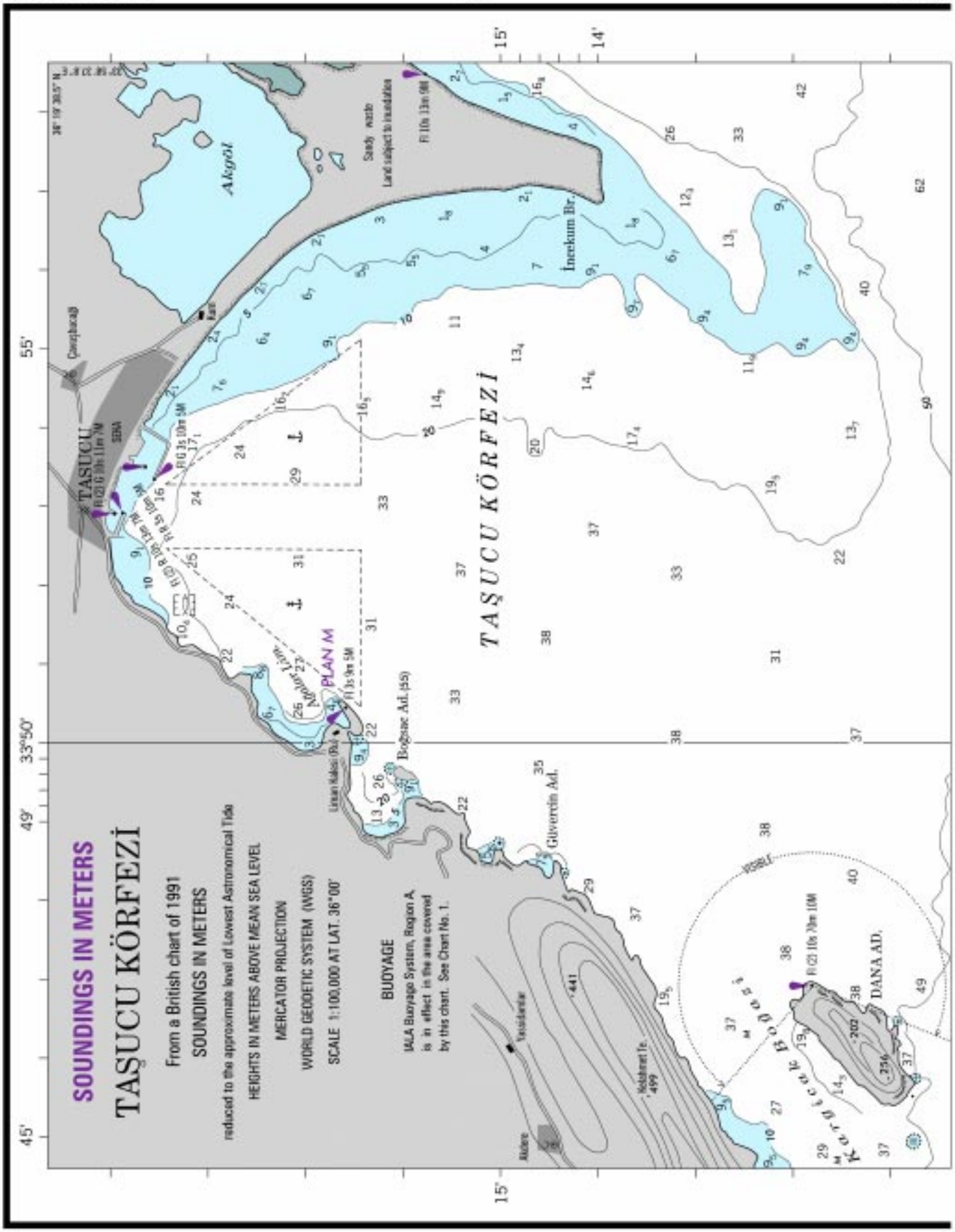

Chart 54409 (Plan D) (B) NM 8/03

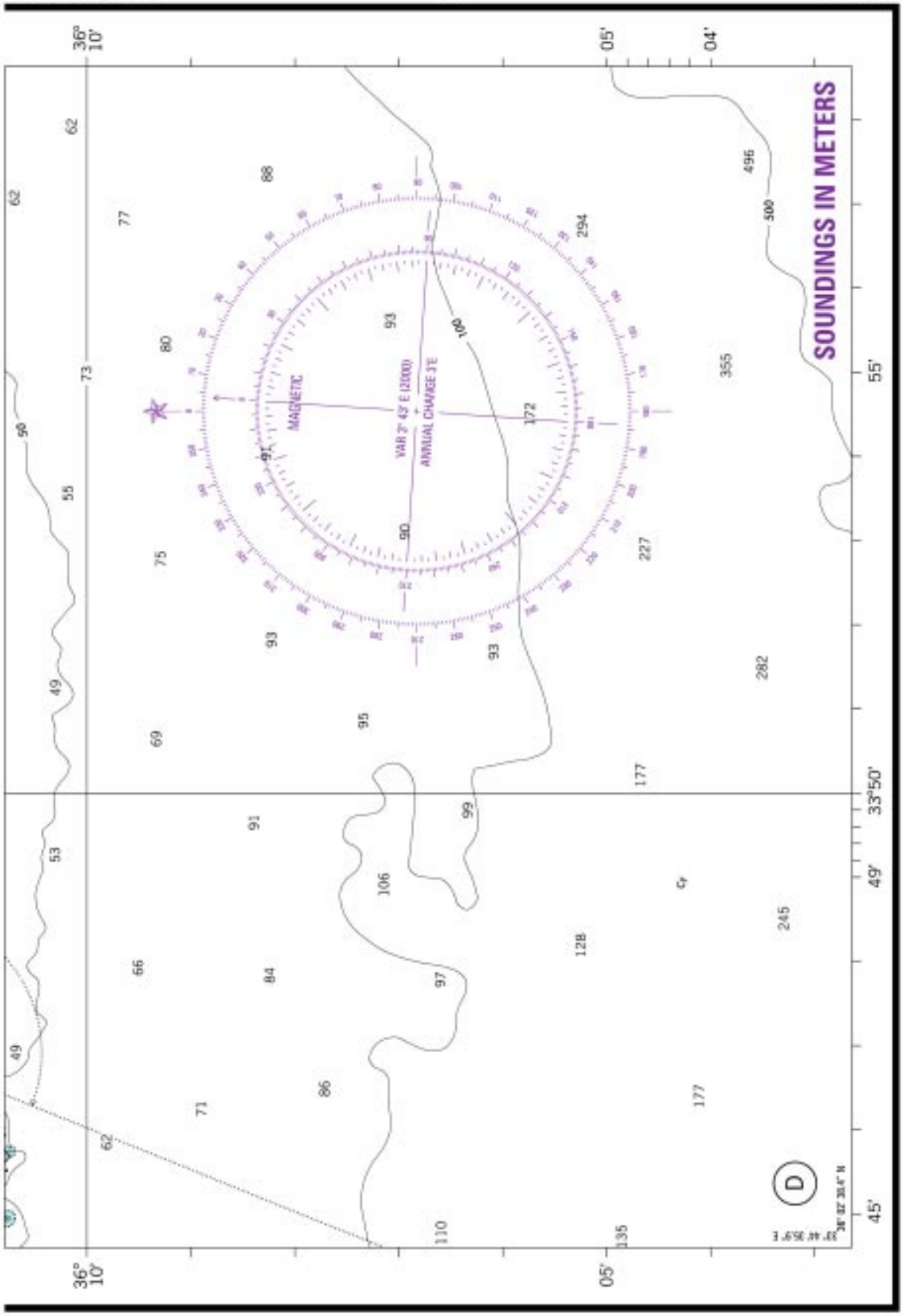

Chart 11325 NM 8/03

HOUSTON SHIP CHANNEL DEPTHS

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

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)
HOUSTON SHIP CHANNEL:								
EXXON OIL CO. SLIP								
TO CARPENTERS BAYOU (A)	32.0	37.0	39.0	34.0	11-02	400-525	4.90	40
THENCE TO GREENS BAYOU (B)	38.0	38.0	34.0	28.0	11-02	400-300	4.70	40
GREENS BAYOU CHANNEL								
(TO FIRST BEND)	39.0	42.0	44.0	42.0	4-02	500-175	0.34	36
THENCE TO HUNTING								
BAYOU (UPPER BEND)	40.0	43.0	43.0	40.0	8-02	300	1.91	40
TURNING POINT AT HUNTING BAYOU	43.0	42.0	42.0	41.0	6-02	600	0.17	40
THENCE TO SOUTHERN								
PACIFIC SLIP	39.0	41.0	41.0	38.0	8-02	300	3.04	40
TURNING POINT AT SIMS BAYOU	43.0	44.0	42.0	42.0	6-02	700	0.26	40
THENCE TO HOUSTON								
TURNING BASIN WHARF 15	41.0	42.0	41.0	38.0	8-02	300	2.69	36
TURNING POINT AT BRADY ISLAND	22.0	33.0	40.0	39.0	5-02	422	0.17	36
HOUSTON TURNING BASIN	36.0	35.0	37.0	35.0	7-02	250-1000	0.70	36
UPPER TURNING BASIN	21.0	22.0	15.0	19.0	7-02	150	0.23	36

A. CHANNEL WIDENS 125 FEET IN LEFT OUTSIDE QUARTER IN VICINITY OF EXXON OIL CO.

B. CHANNEL NARROWS IN VICINITY OF THE SHELL OIL CO. SLIP.

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 11329 NM 8/03

HOUSTON SHIP CHANNEL DEPTHS

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

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)
LOWER END OF MORGAN PT.								
TO EXXON OIL CO. SLIP	36.0	38.0	38.0	33.0	10-02	400-525	4.20	40
EXXON OIL CO. SLIP								
TO CARPENTERS BAYOU (A)	32.0	37.0	39.0	34.0	11-02	400-525	4.90	40
THENCE TO GREENS BAYOU (B)	38.0	38.0	34.0	28.0	11-02	400-300	4.70	40

A. CHANNEL WIDENS 125 FEET IN LEFT OUTSIDE QUARTER IN VICINITY OF EXXON OIL CO.

B. CHANNEL NARROWS IN VICINITY OF THE SHELL OIL CO. SLIP.

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 11343 NM 8/03

SABINE AND NECHES RIVERS CHANNEL DEPTHS

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

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 (NAUT. MILES)	DEPTH MLLW (FEET)
SABINE-NECHES CANAL :								
PORT ARTHUR TO NECHES RIVER	33	39	41	31	10-02	400	9.6	40
NECHES RIVER TO SABINE RIVER	26	25	23	22	8-02	200	3.9	30
NECHES RIVER:								
MOUTH TO SMITH BLUFF	27	30	32	32	11-02	400	8.3	40
TURNING BASIN AT DEER BAYOU	37	35	32	32	11-02	700	0.2	40
TURNING BASIN AT SMITHS BLUFF	37	36	35	33	11-02	1400-400	0.2	40
SMITH BLUFF TO BEAUMONT	16	25	25	19	11-02	400	7.5	40
TURNING BASIN (30°02'12"N, 94°01'58"W)	34	39	40	37	11-02	400-1306	0.2	40
CHANNEL EXTENSION	35	35	32	28	11-02	350	0.2	36
MANEUVERING AREA (30°04'44"N, 94°05'05"W)	30	39	38	37	11-02	400-1000	0.6	40
BEAUMONT TURNING BASIN	37	37	38	37	11-02	400-535	0.2	34
TURNING BASIN EXTENSION	37	34	31	25	11-02	300	0.2	34
THENCE TO TRINITY INDUSTRIES	16	23	25	18	11-02	200	0.6	30
SABINE RIVER:								
MOUTH TO ORANGE MUNICIPAL SLIP	26	29	30	26	9-02	200	6.6	30
ORANGE TURNING BASIN	26	26	29	28	9-02	200 - 1400	0.6	30
ORANGE MUNICIPAL SLIP	24	30	26	20	9-02	150-200	0.5	30
ORANGE MUNICIPAL SLIP TO OLD HIGHWAY BRIDGE SITE	27	29	32	29	9-02	200	2.2	30
CHANNEL AROUND ORANGE HARBOR ISLAND	13	16	20	18	9-02	150-200	1.6	25

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

Chart 12324 (Side A) NM 8/03

SANDY HOOK BAY, SHREWSBURY AND NAVESINK RIVERS CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAY 2002

NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)		
	MIDDLE HALF (FEET)	WIDTH (FEET)	DATE OF SURVEY
SANDY HOOK BAY			
TERMINAL CHANNEL	43.5	400	2-97
SHREWSBURY RIVER			
HIGHLANDS REACH	9.9	150	5-02
RUMSON REACH	7.2	150	5-02
LONG BRANCH REACH	6.7	150	5-02
NAVESINK RIVER			
BARLEY POINT REACH	4.4	150	5-02
FAIR HAVEN REACH	5.3	150	5-02
RED BANK REACH	5.7	150	5-02

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE