

Chart 12350

NM 11/15

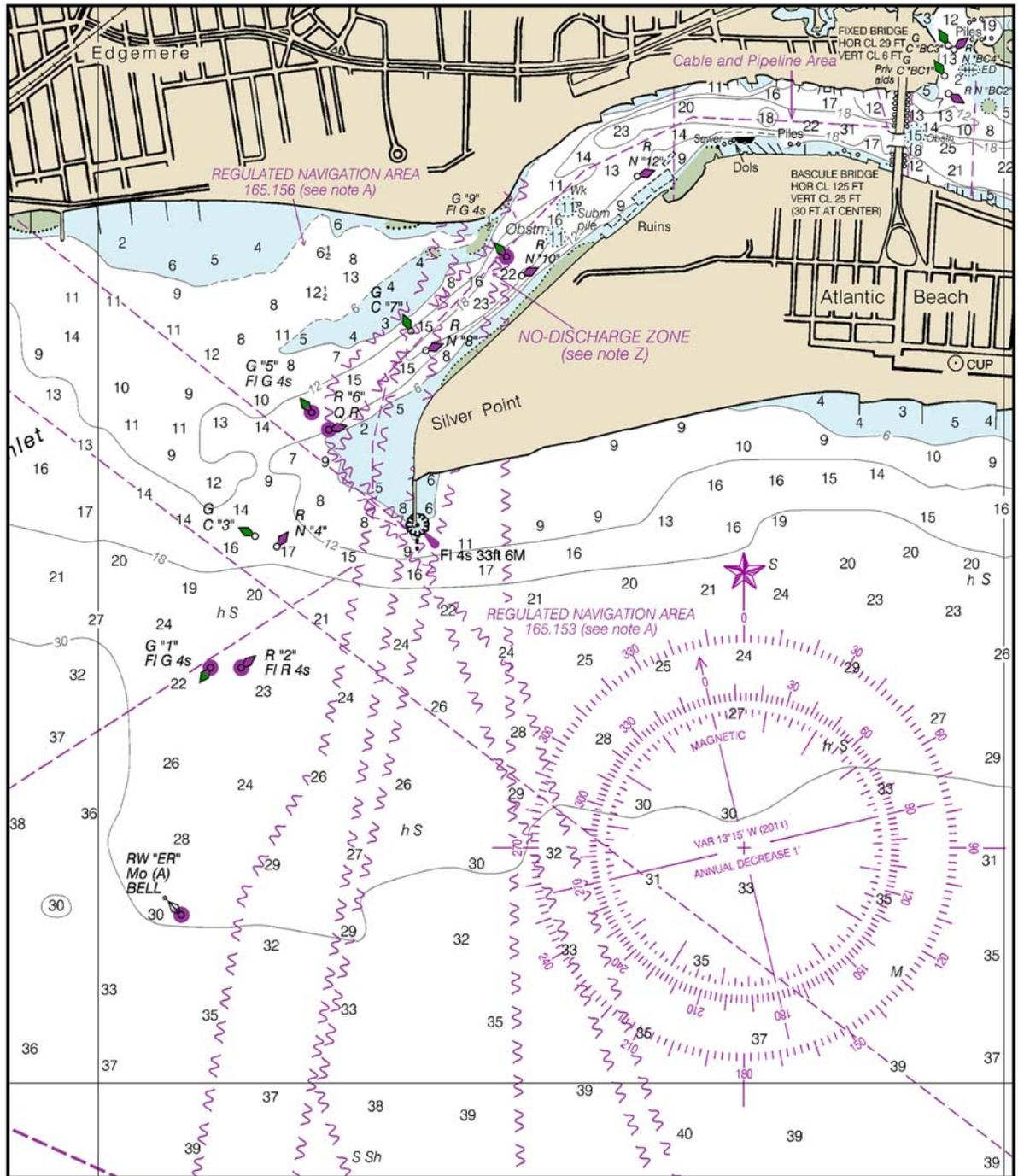


Chart 13274 (Side A, Right Panel)

NM 11/15

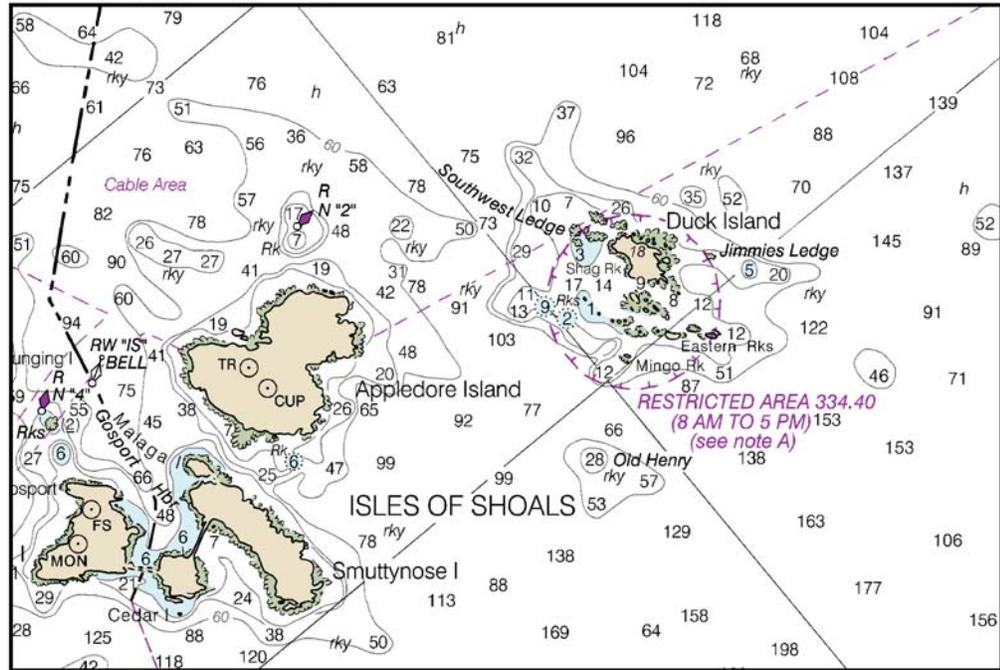


Chart 13307

NM 11/15

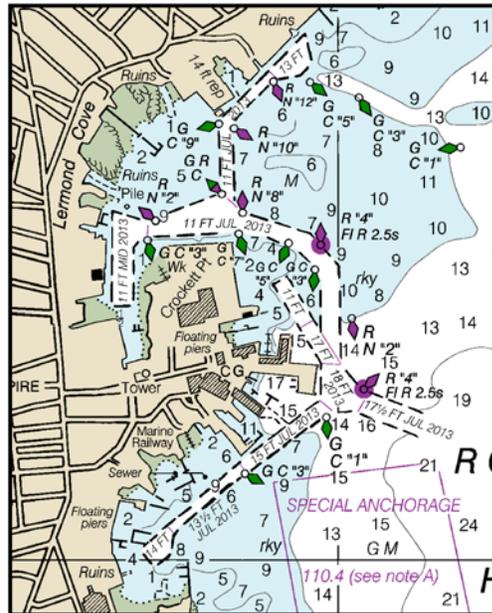


Chart 18445 (Page A) NM 11/15

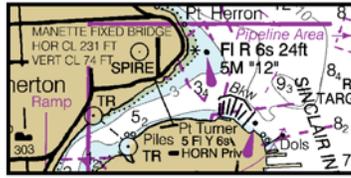


Chart 18445 (Page B, Inset 5)

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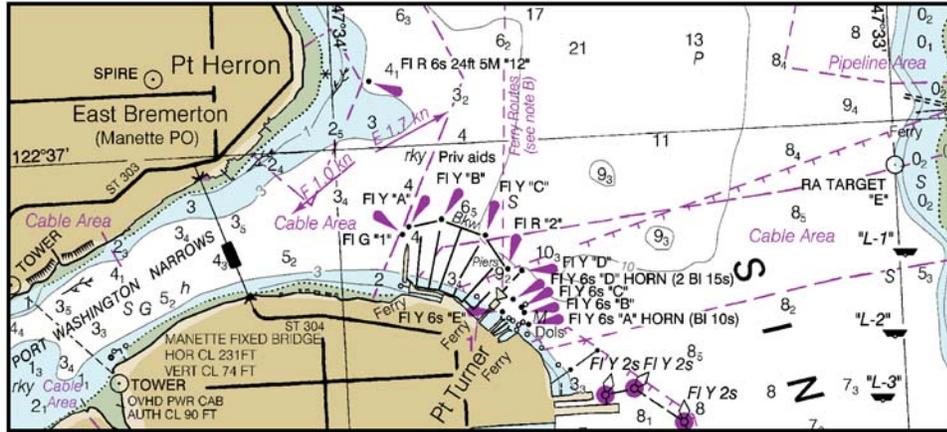
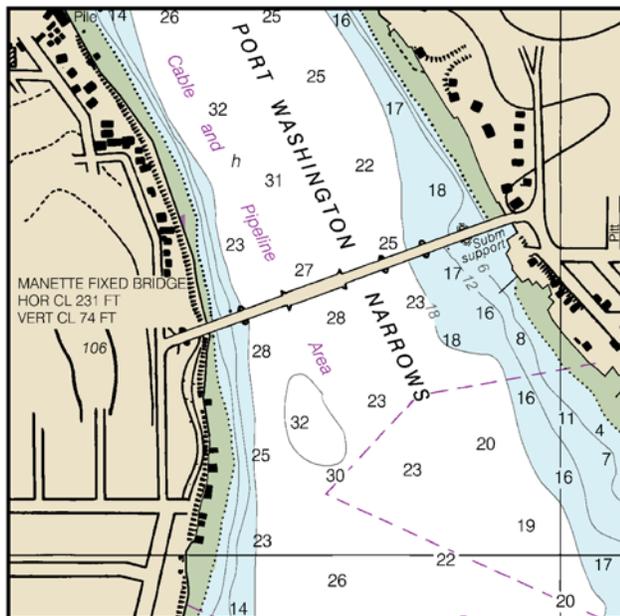
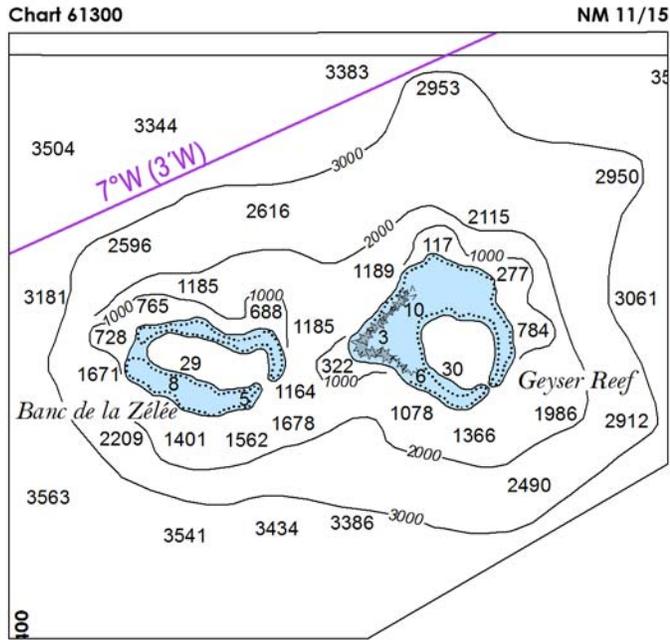


Chart 18452

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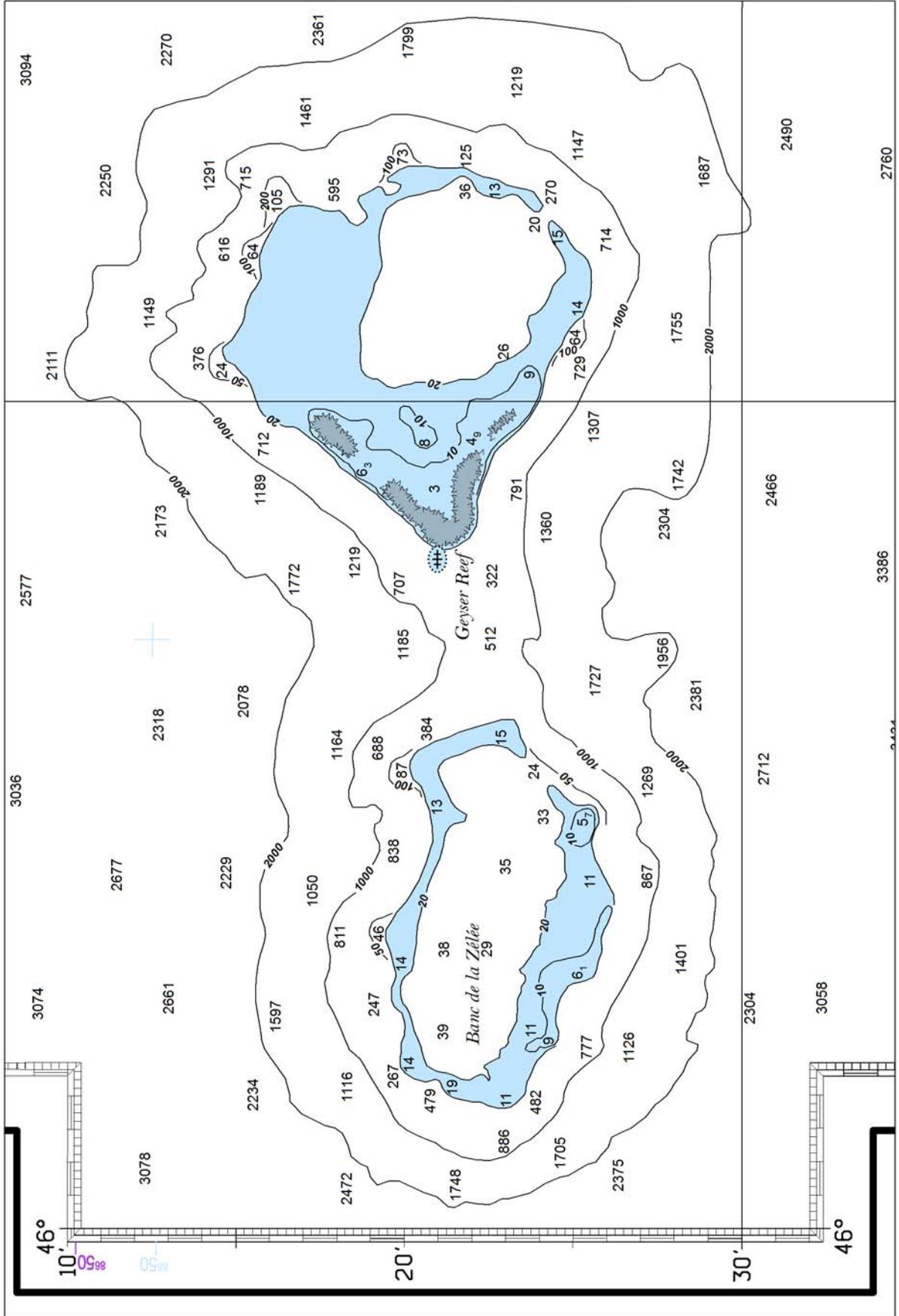
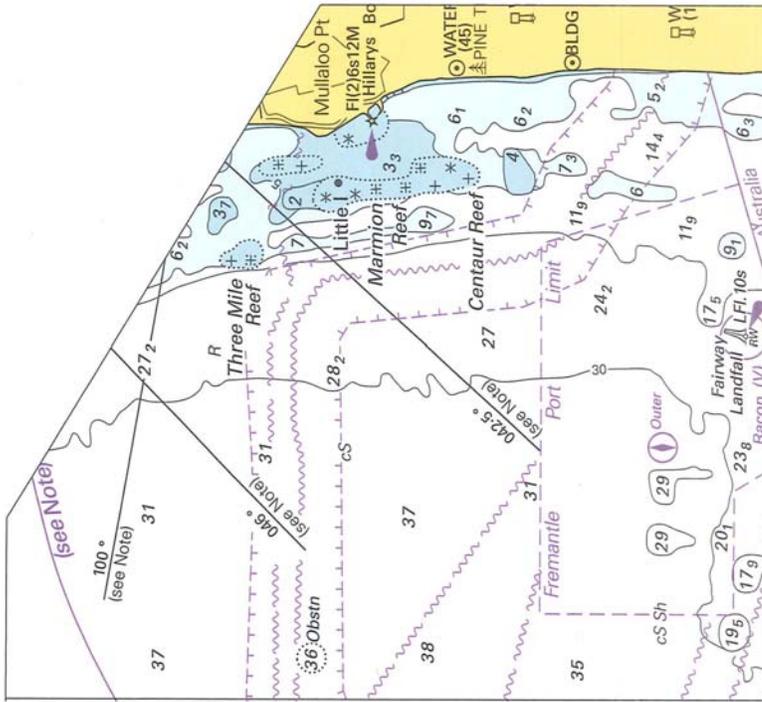


Chart 74593

(B)

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SECTION I

NM 11/15

Chart 11299

NM N11/15

CORPUS CHRISTI CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 2014								
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)
ARANSAS PASS: SEA BAR CHANNEL	45.0	47.0	47.0	43.0	10-14	700-600	2.79	47
JETTY CHANNEL	56.0	53.0	50.0	50.0	10-14	600	1.28	47-45
INNER BASIN AT HARBOR ISLAND	50.0	57.0	57.0	53.0	10-14	600-728	0.40	45
INNER BASIN MAIN CHANNEL	43.0	52.0	51.0	35.0	10-14	600-1559	0.32	45
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 11301

NM 11/15

BROWNSVILLE AND PORT ISABEL HARBORS CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 2014								
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 (MILES)	DEPTH MLLW (FEET)
BRAZOS SANTIAGO PASS:								
ENTRANCE CHANNEL	44.0	42.0	41.0	40.0	8-14	300	1.9	44
JETTY CHANNEL	44.0	44.0	42.0	42.0	8-14	300-400	1.9	42
LAGUNA MADRE CHANNEL	37.0	40.0	40.0	35.0	9-14	250	2.9	42
BROWNSVILLE SHIP CHANNEL:								
JUNCTION BASIN TO BOCA CHICA PASSING BASIN	37.0	41.0	41.0	39.0	9-14	250	4.0	42
BOCA CHICA PASSING BASIN TO GOOSE I. PASSING BASIN	36.0	40.0	40.0	38.0	9-14	250	5.4	42
GOOSE I. PASSING BASIN TO BROWNSVILLE TURNING BASIN	41.0	42.0	42.0	41.0	9-14	300	2.8	42
BROWNSVILLE TURNING BASIN EXT.	42.0	43.0	43.0	42.0	9-14	500	1.4	42
BROWNSVILLE TURNING BASIN	35.0	37.0	37.0	37.0	9-14	500-1200	0.5	36
PORT ISABEL CHANNEL:								
EAST WYE	31.2	33.3	32.2	28.3	3-14	200	1.2	36
TURNING BASIN	30.1	33.0	33.3	25.3	3-14	1000	0.25	36
WEST WYE	25.2	27.2	28.1	24.1	3-14	200	1.0	36
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 11302 (Side B)

NM 11/15

BROWNSVILLE AND PORT ISABEL HARBORS CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 2014								
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 (MILES)	DEPTH MLLW (FEET)
BRAZOS SANTIAGO PASS:								
ENTRANCE CHANNEL	44.0	42.0	41.0	40.0	8-14	300	1.9	44
JETTY CHANNEL	44.0	44.0	42.0	42.0	8-14	300-400	1.9	42
LAGUNA MADRE CHANNEL	37.0	40.0	40.0	35.0	9-14	250	2.9	42
BROWNSVILLE SHIP CHANNEL:								
JUNCTION BASIN TO BOCA CHICA PASSING BASIN	37.0	41.0	41.0	39.0	9-14	250	4.0	42
BOCA CHICA PASSING BASIN TO GOOSE I. PASSING BASIN	38.0	40.0	40.0	38.0	9-14	250	5.4	42
GOOSE I. PASSING BASIN TO BROWNSVILLE TURNING BASIN	41.0	42.0	42.0	41.0	9-14	300	2.8	42
BROWNSVILLE TURNING BASIN EXT.	42.0	43.0	43.0	42.0	9-14	500	1.4	42
BROWNSVILLE TURNING BASIN	35.0	37.0	37.0	37.0	9-14	500-1200	0.5	36
PORT ISABEL CHANNEL:								
EAST WYE	31.2	33.3	32.2	28.3	3-14	200	1.2	36
TURNING BASIN	30.1	33.0	33.3	25.3	3-14	1000	0.25	36
WEST WYE	25.2	27.2	28.1	24.1	3-14	200	1.0	36
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 11309

NM 11/15

CORPUS CHRISTI CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 2014								
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 (MILES)	DEPTH MLLW (FEET)
ARANSAS PASS: SEA BAR CHANNEL								
JETTY CHANNEL	45.0	47.0	47.0	43.0	10-14	700-600	2.79	47
INNER BASIN AT MAIN CHANNEL	58.0	53.0	50.0	50.0	10-14	600	1.28	47-45
INNER BASIN AT HARBOR ISLAND	50.0	57.0	57.0	53.0	10-14	600-728	0.40	45
HUMBLE BASIN TO JCT LA QUINTA CH	43.0	52.0	51.0	35.0	10-14	600-1559	0.32	45
LA QUINTA CH JCT TO BCN 82	35.0	45.0	46.0	44.0	3-14	600-500	10.0	45
BCN 82 TO MAIN TURNING BASIN	47.0	49.0	49.0	47.0	3-14	400	9.66	45
CHANNEL TO LA QUINTA	34.4	48.0	48.3	45.7	10-14	400-300	0.91	45
TURNING BASIN	43.4	44.5	45.0	42.5	4-14	300-400	5.49	45
	44.5	43.0	45.1	43.9	4-14	1200	0.35	45
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 11310

NM N11/15

CORPUS CHRISTI CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 2014								
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)
ARANSAS PASS: SEA BAR CHANNEL								
JETTY CHANNEL	45.0	47.0	47.0	43.0	10-14	700-600	2.79	47
INNER BASIN AT HARBOR ISLAND	58.0	53.0	50.0	50.0	10-14	600	1.28	47-45
INNER BASIN MAIN CHANNEL	50.0	57.0	57.0	53.0	10-14	600-728	0.40	45
HUMBLE BASIN TO JCT LA QUINTA CH	43.0	52.0	51.0	35.0	10-14	600-1559	0.32	45
	35.0	45.0	46.0	44.0	3-14	600-500	10.0	45
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

SECTION I

NM 11/15

Chart 11311

NM 11/15

CORPUS CHRISTI CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 2014								
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 (MILES)	DEPTH MLLW (FEET)
LA QUINTA CH JCT TO BCN 82	47.0	49.0	49.0	47.0	3-14	400	9.66	45
BCN 82 TO MAIN TURNING BASIN	43.4	48.0	48.3	45.7	10-14	400-300	0.91	45
CORPUS CHRISTI:								
MAIN TURNING BASIN	44.5	46.0	48.0	44.7	10-14	300-800	1.21	45
INDUSTRIAL CANAL	43.4	44.5	44.0	44.1	10-14	400	0.86	45
AVERY POINT								
TURNING BASIN	41.5	43.0	43.7	41.7	10-14	400-975	0.47	45
TULE LAKE CHANNEL	44.5	47.0	46.8	46.3	10-14	400-1200	2.70	45
CHEMICAL TURNING BASIN	44.4	46.0	46.0	44.2	10-14	200-400	1.10	45
TULE LAKE TURNING BASIN	44.4	46.0	46.0	42.1	10-14	1200-300	0.45	45
VIOLA CHANNEL	43.0	45.0	44.0	34.0	10-14	350-300	1.71	45
VIOLA TURNING BASIN	43.5	47.0	46.3	43.0	10-14	350-1200	0.30	45

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

Chart 11312

NM 11/15

CORPUS CHRISTI CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 2014								
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)
ARANSAS PASS: SEA BAR CHANNEL	45.0	47.0	47.0	43.0	10-14	700-500	2.79	47
JETTY CHANNEL	56.0	53.0	50.0	50.0	10-14	600	1.28	47-45
INNER BASIN AT HARBOR ISLAND	50.0	57.0	57.0	53.0	10-14	600-728	0.40	45
INNER BASIN MAIN CHANNEL	43.0	52.0	51.0	35.0	10-14	600-1559	0.32	45
HUMBLE BASIN TO JCT LA QUINTA CH	35.0	45.0	46.0	44.0	3-14	600-500	10.0	45
LA QUINTA CH JCT TO BCN 82	47.0	49.0	49.0	47.0	3-14	400	9.66	45
CHANNEL TO LA QUINTA	43.4	44.5	45.0	42.5	4-14	300-400	5.49	45

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

Chart 11318

NM 11/15

CORPUS CHRISTI CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 2014								
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 (MILES)	DEPTH MLLW (FEET)
HUMBLE BASIN TO JCT LA QUINTA CH	35.0	45.0	46.0	44.0	3-14	600-500	10.0	45
LA QUINTA CH JCT TO BCN 82	47.0	49.0	49.0	47.0	3-14	400	9.66	45
BCN 82 TO MAIN TURNING BASIN	34.4	48.0	48.3	45.7	10-14	400-300	0.91	45
CHANNEL TO LA QUINTA	43.4	44.5	45.0	42.5	4-14	300-400	5.49	45
TURNING BASIN	44.5	43.0	45.1	43.9	4-14	1200	0.35	45

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

SECTION I

Chart 11322 (Side B)

NM 11/15

FREEPORT HARBOR CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF AUG 2014								
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 * (MILES)	DEPTH MLLW (FEET)
OUTER BAR CHANNEL	44.0	46.0	46.0	45.0	4-14	400	---	47
JETTY CHANNEL	43.0	45.0	44.0	41.0	4-14	400-689	---	45
JETTY CHANNEL TO BRAZOSPORT TURNING BASIN	42.0	45.0	46.0	45.0	4-14	790-400	---	45
BRAZOSPORT TURNING BASIN	44.0	46.0	46.0	44.0	4-14	370-1000	---	45
BRAZOSPORT TURNING BASIN TO UPPER TURNING BASIN	41.0	48.0	48.0	44.0	4-14	280-1206	---	45
BRAZOS HARBOR APPROACH CHANNEL	36.0	37.0	39.0	39.0	5-14	200-650	---	36
BRAZOS HARBOR TURNING BASIN	33.0	37.0	38.0	39.0	5-14	750	---	36
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. * PROJECT LENGTHS REMOVED PENDING NEW DATA FROM USACE. NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 11323

NM 11/15

GALVESTON BAY ENTRANCE - CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 2014								
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 (MILES)	DEPTH MLLW (FEET)
ENTRANCE CHANNEL	46.0	49.0	48.0	43.0	9-14	800-1000	8.6	45
OUTER BAR CHANNEL	43.0	47.0	48.0	48.0	9-14	800	1.7	45
INNER BAR CHANNEL	43.0	46.0	47.0	42.0	9-14	800	3.3	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 11/15

GALVESTON BAY AND HOUSTON SHIP CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 2014								
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 (MILES)	DEPTH MLLW (FEET)
GALVESTON HARBOR:								
ENTRANCE CHANNEL	46.0	49.0	48.0	43.0	9-14	800-1000	8.6	45
OUTER BAR CHANNEL	43.0	47.0	48.0	48.0	9-14	800	1.7	45
INNER BAR CHANNEL	43.0	46.0	47.0	42.0	9-14	800	3.3	45
BOLIVAR ROADS CHANNEL	48.0	50.0	46.0	42.0	9-14	800	0.85	45
HOUSTON SHIP CHANNEL:								
BOLIVAR ROADS TO RED FISH LIGHT 1	44.0	46.0	46.0	44.0	6-14	530	12.38	45
RED FISH LIGHT 1 TO BEACON 76	33.0	47.0	46.0	39.0	3-14	530	8.33	45
BCN 76 TO LWR END MORGANS PT CUT	44.0	49.0	49.0	45.0	3-14	530	5.49	45
GALVESTON CHANNEL	38.0	43.0	41.0	21.0	8,9-14	1125-1075	4.44	40-45
BOLIVAR ROADS TO TURNING BASIN	42.0	46.0	44.0	40.0	4-14	400	6.8	45
TEXAS CITY TURNING BASIN	45.0	48.0	47.0	35.0	4-14	1200	0.81	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								

SECTION I

NM 11/15

Chart 11325

NM 11/15

HOUSTON SHIP CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 2014								
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 (MILES)	DEPTH MLLW (FEET)
HOUSTON SHIP CHANNEL: EXXON OIL CO. SLIP					3-14	400-525	5.49	45
TO CARPENTER BAYOU (A)	39.0	47.0	45.0	39.0				
CARPENTER BAYOU TO GREEN BAYOU (B)	38.0	39.0	37.0	35.0	10-14	400-300	5.90	40-45
ENTRANCE TO GREENS BAYOU TO FIRST BEND ABOVE MOUTH	33.0	33.0	32.0	30.0	4-14	500-175	0.37	40
GREENS BAYOU TO HUNTING BAYOU (UPPER BEND)	41.0	43.0	43.0	42.0	8-14	300	1.50	40
TURNING POINT AT HUNTING BAYOU	38.0	40.0	42.0	43.0	6-14	600	0.26	40
HUNTING BAYOU TO CLINTON ISLAND	38.0	42.0	41.0	36.0	3-14	300	2.56	40
TURNING POINT AT CLINTON ISLAND	38.0	41.0	41.0	42.0	3-14	700	0.31	40
SIMS BAYOU TO BRADY ISLAND	32.0	36.0	37.0	33.0	7-14	300	2.14	36
TURNING POINT AT BRADY ISLAND	41.0	42.0	41.0	37.0	7-14	422	0.21	36
BRADY ISLAND TO HOUSTON SHIP CHANNEL TURNING BASIN	33.0	35.0	34.0	35.0	7-14	300-250	1.24	36
HOUSTON TURNING BASIN	33.0	35.0	34.0	35.0	7-14	250-1000	0.59	36
UPPER TURNING BASIN	27.0	31.0	29.0	29.0	3-14	150	0.27	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 11327

NM 11/15

HOUSTON SHIP CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 2014								
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 (MILES)	DEPTH MLLW (FEET)
BOLIVAR ROADS TO RED FISH LIGHT 1	44.0	46.0	46.0	44.0	6-14	530	12.38	45
RED FISH LIGHT 1 TO BEACON 76 (TURN)	33.0	47.0	46.0	39.0	3-14	530	8.33	45
BCN 76 TO LWR END MORGANS PT CUT	44.0	49.0	49.0	45.0	3-14	530	5.49	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 11328

NM 11/15

HOUSTON SHIP CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 2014								
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 (MILES)	DEPTH MLLW (FEET)
BOLIVAR ROADS TO RED FISH LIGHT 1	44.0	46.0	46.0	44.0	6-14	530	12.38	45
RED FISH LIGHT 1 TO BEACON 76 (TURN)	33.0	47.0	46.0	39.0	3-14	530	8.33	45
BCN 76 TO LWR END MORGANS PT CUT	44.0	49.0	49.0	45.0	3-14	530	5.49	45
LOWER END MORGANS POINT CUT TO EXXON OIL CO. SLIP	43.0	48.0	50.0	46.0	3-14	400-525	4.36	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

SECTION I

NM 11/15

Chart 11329

NM 11/15

HOUSTON SHIP CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 2014								
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 (MILES)	DEPTH MLW (FEET)
LOWER END OF MORGAN PT. CUT TO EXXON OIL CO. SLIP	43.0	48.0	50.0	46.0	3-14	400-525	4.36	45
EXXON OIL CO. SLIP TO CARPENTERS BAYOU (A)	39.0	47.0	45.0	39.0	3-14	400-525	5.49	45
CARPENTER BAYOU TO GREENS BAYOU (B)	38.0	39.0	37.0	35.0	10-14	400-300	5.90	40-45

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 11339 (Inset)

NM 11/15

CALCASIEU PASS AND RIVER								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO OCT 2014								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW GULF (MLG)						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 MLG (FEET)
BAR CHANNEL	33.0	38.0	38.0	32.0	9,10-14	800	26.3	42
JETTY CHANNEL TO (29°46'00.0"N, 93°20'43.0"W)	46.0	46.0	45.0	46.0	7,10-14	400	1.3	40
THENCE TO A POINT (REACH A) (29°52'00.0"N, 93°20'43.0"W)	34.0	39.0	40.0	36.0	5,9-14	400	6.0	40
THENCE TO A POINT (REACH B) (29°58'00.0"N, 93°20'10.0"W)	28.0	37.0	38.0	29.0	5,9-14	400	6.0	40
THENCE TO A POINT (REACH C) (30°04'00.0"N, 93°19'38.0"W)	32.0	37.0	37.0	31.0	9-14	400	6.0	40
THENCE TO A POINT (REACH D) (30°09'03.0"N, 93°19'57.0"W)	30.0	36.0	36.0	23.0	9,10-14	400	5.2	40
THENCE TO 210 BRIDGE	32.0	36.0	37.0	29.0	9-14	400	4.4	40
THENCE TO END OF 400 CHANNEL (30°13'08.0"N, 93°15'12.0"W)	34.0	39.0	38.0	34.0	9-14	400	2.1	40

INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS.
 DEPTHS ARE REFERENCED TO A REFERENCE DATUM CALLED MEAN LOW GULF. SEE NOTE H.

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

Chart 11347 (Side A)

NM 11/15

CALCASIEU PASS AND RIVER								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO OCT 2014								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW GULF (MLG)						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 MLG (FEET)
BAR CHANNEL	33.0	38.0	38.0	32.0	9,10-14	800	26.3	42
JETTY CHANNEL TO (29°46'00.0"N, 93°20'43.0"W)	46.0	46.0	45.0	46.0	7,10-14	400	1.3	40
THENCE TO A POINT (REACH A) (29°52'00.0"N, 93°20'43.0"W)	34.0	39.0	40.0	36.0	5,9-14	400	6.0	40
THENCE TO A POINT (REACH B) (29°58'00.0"N, 93°20'10.0"W)	28.0	37.0	38.0	29.0	5,9-14	400	6.0	40
THENCE TO A POINT (REACH C) (30°04'00.0"N, 93°19'38.0"W)	32.0	37.0	37.0	31.0	9-14	400	6.0	40
THENCE TO A POINT (REACH D) (30°09'03.0"N, 93°19'57.0"W)	30.0	36.0	36.0	23.0	9,10-14	400	5.2	40
THENCE TO 210 BRIDGE	32.0	36.0	37.0	29.0	9-14	400	4.4	40
THENCE TO END OF 400 CHANNEL (30°13'08.0"N, 93°15'12.0"W)	34.0	39.0	38.0	34.0	9-14	400	2.1	40
INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS. DEPTHS ARE REFERENCED TO A REFERENCE DATUM CALLED MEAN LOW GULF. SEE NOTE H.								
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 11347 (Side B, Inset)

NM 11/15

CALCASIEU PASS AND RIVER								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO OCT 2014								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW GULF (MLG)						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 MLG (FEET)
BAR CHANNEL	33.0	38.0	38.0	32.0	9,10-14	800	26.3	42
JETTY CHANNEL TO (29°46'00.0"N, 93°20'43.0"W)	46.0	46.0	45.0	46.0	7,10-14	400	1.3	40
THENCE TO A POINT (REACH A) (29°52'00.0"N, 93°20'43.0"W)	34.0	39.0	40.0	36.0	5,9-14	400	6.0	40
THENCE TO A POINT (REACH B) (29°58'00.0"N, 93°20'10.0"W)	28.0	37.0	38.0	29.0	5,9-14	400	6.0	40
THENCE TO A POINT (REACH C) (30°04'00.0"N, 93°19'38.0"W)	32.0	37.0	37.0	31.0	9-14	400	6.0	40
THENCE TO A POINT (REACH D) (30°09'03.0"N, 93°19'57.0"W)	30.0	36.0	36.0	23.0	9,10-14	400	5.2	40
THENCE TO 210 BRIDGE	32.0	36.0	37.0	29.0	9-14	400	4.4	40
THENCE TO END OF 400 CHANNEL (30°13'08.0"N, 93°15'12.0"W)	34.0	39.0	38.0	34.0	9-14	400	2.1	40
INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS. DEPTHS ARE REFERENCED TO A REFERENCE DATUM CALLED MEAN LOW GULF. SEE NOTE H.								
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

SECTION I

NM 11/15

Chart 11372 (Side B)

NM 11/15

GULFPORT HARBOR CHANNELS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF SEP 2014							
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 (MILES)	DEPTH MLLW (FEET)
GULFPORT BAR CHANNEL (A)	34.0	33.7	31.6	7-14	400	10.04	38
GULFPORT SOUND CHANNEL (A)	25.5	27.2	24.7	8-14	300	10.63	36
ANCHORAGE BASIN (B)	28.6	29.6	28.5	8-14	1110-1220	0.93	32-36
A. SHOALING EXISTS IN BEND WIDENING AREA. B. SHOALING EXISTS WITHIN 50 FEET OF FAR NORTH END OF PROJECT.							
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

Chart 11373

NM 11/15

GULFPORT HARBOR CHANNELS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF SEP 2014							
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 (MILES)	DEPTH MLLW (FEET)
GULFPORT BAR CHANNEL (A)	34.0	33.7	31.6	7-14	400	10.04	38
GULFPORT SOUND CHANNEL (A)	25.5	27.2	24.7	8-14	300	10.63	36
ANCHORAGE BASIN (B)	28.6	29.6	28.5	8-14	1110-1220	0.93	32-36
A. SHOALING EXISTS IN BEND WIDENING AREA. B. SHOALING EXISTS WITHIN 50 FEET OF FAR NORTH END OF PROJECT.							
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

Chart 11378 (Side A)

NM 11/15

PENSACOLA HARBOR ENTRANCE CHANNEL								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF SEP 2014 AND SURVEY TO SEP 2014								
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 (MILES)	DEPTH MLLW (FEET)
CAUCUS CHANNEL	31.8	35.0	35.0	29.6	9-14	A500	3.1	A35
BARRANCAS CHANNEL	28.2	33.9	35.0	30.0	8,9-14	A500	1.7	A35
PICKENS CHANNEL	30.1	41.5	43.2	B42.2	2-12	A500	2.8	A35
A. PROJECT DIMENSIONS OF 44 FEET FOR A WIDTH OF 800 FEET PROVIDED BY THE U.S. NAVY. AUTHORIZED USACE PROJECT IS 35 FEET FOR A WIDTH OF 500 FEET.								
B. EXCEPT FOR A 43 FT OBSTRUCTION REPORTED BY AN NOS SURVEY AT 30°19'57.7" N, 087°16'39.3" W.								
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

SECTION I

NM 11/15

Chart 11378 (Side A)

NM 11/15

PENSACOLA HARBOR AND BAYOU CHICO CHANNELS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2014 AND SURVEY OF JUN 2014							
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 (MILES)	DEPTH MLLW (FEET)
PENSACOLA HARBOR							
BAY CHANNEL	32.8	32.9	32.3	3,6-14	300	2.7	33
WEST CHANNEL	26.4	26.1	27.0	5-14	300	1.3	33
EAST CHANNEL	29.4	30.2	29.8	5-14	300	0.8	33
HARBOR CHANNEL	26.8	27.7	27.8	3-14	500	0.9	33
BAYOU CHICO CHANNELS							
ENTRANCE CHANNEL	17.4	16.7	14.8	5-14	100	0.8	15
INNER CHANNEL	11.8	16.3	15.3	5-14	75	1.1	14
TURNING BASIN	7.1	8.9	10.3	5-14	500	-	14

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

Chart 11382

NM 11/15

PENSACOLA HARBOR ENTRANCE CHANNEL								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF SEP 2014 AND SURVEY TO SEP 2014								
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 (MILES)	DEPTH MLLW (FEET)
CAUCUS CHANNEL	31.8	35.0	35.0	29.6	9-14	A500	3.1	A35

A. PROJECT DIMENSIONS OF 44 FEET FOR A WIDTH OF 800 FEET PROVIDED BY THE U.S. NAVY. AUTHORIZED USACE 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 11/15

PENSACOLA HARBOR ENTRANCE CHANNEL								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF SEP 2014 AND SURVEY TO SEP 2014								
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 (MILES)	DEPTH MLLW (FEET)
CAUCUS CHANNEL	31.8	35.0	35.0	29.6	9-14	A500	3.1	A35
BARRANCAS CHANNEL	28.2	33.9	35.0	30.0	8,9-14	A500	1.7	A35
PICKENS CHANNEL	30.1	41.5	43.2	542.2	2-12	A500	2.8	A35

A. PROJECT DIMENSIONS OF 44 FEET FOR A WIDTH OF 800 FEET PROVIDED BY THE U.S. NAVY. AUTHORIZED USACE PROJECT IS 35 FEET FOR A WIDTH OF 500 FEET.

B. EXCEPT FOR A 43 FT OBSTRUCTION REPORTED BY AN NOS SURVEY AT 30°19'57.7" N, 087°16'39.3" W.

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

SECTION I

NM 11/15

Chart 11383

NM 11/15

PENSACOLA HARBOR AND BAYOU CHICO CHANNELS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2014 AND SURVEY OF JUN 2014							
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 (MILES)	DEPTH MLLW (FEET)
PENSACOLA HARBOR							
BAY CHANNEL	32.8	32.9	32.3	3,6-14	300	2.7	33
WEST CHANNEL	26.4	26.1	27.0	5-14	300	1.3	33
EAST CHANNEL	29.4	30.2	29.8	5-14	300	0.8	33
HARBOR CHANNEL	26.8	27.7	27.8	3-14	500	0.9	33
BAYOU CHICO CHANNELS							
ENTRANCE CHANNEL	17.4	16.7	14.8	5-14	100	0.8	15
INNER CHANNEL	11.8	16.3	15.3	5-14	75	1.1	14
TURNING BASIN	7.1	8.9	10.3	5-14	500	-	14

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

Chart 11384

NM 11/15

PENSACOLA HARBOR ENTRANCE CHANNEL								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF SEP 2014 AND SURVEY TO SEP 2014								
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 (MILES)	DEPTH MLLW (FEET)
CAUCUS CHANNEL	31.8	35.0	35.0	29.6	9-14	A500	3.1	A35
BARRANCAS CHANNEL	28.2	33.9	35.0	30.0	8,9-14	A500	1.7	A35
PICKENS CHANNEL	30.1	41.5	43.2	842.2	2-12	A500	2.8	A35

A. PROJECT DIMENSIONS OF 44 FEET FOR A WIDTH OF 800 FEET PROVIDED BY THE U.S. NAVY. AUTHORIZED USACE PROJECT IS 35 FEET FOR A WIDTH OF 500 FEET.
 B. EXCEPT FOR A 43 FT OBSTRUCTION REPORTED BY AN NOS SURVEY AT 30°19'57.7" N, 087°16'39.3" W.

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

Chart 18652 (Page E)

NM 11/15

SUISUN BAY AND SAN JOAQUIN RIVER							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO SEP 2014							
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)
SUISUN PT. REACH	46	48	50	9-14	300	0.8	35
BULLS HEAD CHANNEL	36	37	34	9-14	300-350	1.2	35
EAST BULLS HEAD CHANNEL	35	35	34	9-14	350	1.1	35
PT. EDITH CROSSING RANGE	35	34	29	9-14	350	1.1	35
PRESTON PT. REACH	34	34	29	9-14	350	0.9	35
ROE ISLAND CHANNEL	33	34	33	9-14	350	1.1	35
PORT CHICAGO REACH	37	37	35	9-14	350	0.52	35
MIDDLE GROUND CHANNEL							
WEST REACH	36	36	35	9-14	350	1.29	35
EAST REACH	35	37	36	9-14	350	1.09	35
NEW YORK SLOUGH							
WEST REACH	34	35	36A	9-14	400	1.3	35
EAST REACH	34	35	33	9-14	400	1.7	35
SAN JOAQUIN RIVER							
ANTIOCH REACH	31.0	33.0	32.0	4-14	400	3.3	35

A. AN OBSTRUCTION WITH A DEPTH OF 36 FEET IS LOCATED AT 38°02'41.2" N 121°53'21.32" W

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

SECTION I

NM 11/15

Chart 18656

NM 11/15

SUISUN BAY							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO SEP 2014							
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)
SUISUN PT. REACH	46	48	50	9-14	300	0.8	35
BULLS HEAD CHANNEL	36	37	34	9-14	300-350	1.2	35
EAST BULLS HEAD CHANNEL	35	35	34	9-14	350	1.1	35
PT. EDITH CROSSING RANGE	35	34	29	9-14	350	1.1	35
PRESTON PT. REACH	34	34	29	9-14	350	0.9	35
ROE ISLAND CHANNEL	33	34	33	9-14	350	1.1	35
PORT CHICAGO REACH	37	37	35	9-14	350	0.52	35
MIDDLE GROUND CHANNEL							
WEST REACH	36	36	35	9-14	350	1.29	35
EAST REACH	35	37	36	9-14	350	1.09	35
NEW YORK SLOUGH							
WEST REACH	34	35	36A	9-14	400	1.3	35
EAST REACH	34	35	33	9-14	400	1.7	35

A. AN OBSTRUCTION WITH A DEPTH OF 36 FEET IS LOCATED AT 38°02'41.2" N 121°53'21.32" W
 NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18657

NM 11/15

SUISUN BAY							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO SEP 2014							
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)
SUISUN PT. REACH	46	48	50	9-14	300	0.8	35
BULLS HEAD CHANNEL	36	37	34	9-14	300-350	1.2	35
EAST BULLS HEAD CHANNEL	35	35	34	9-14	350	1.1	35
PT. EDITH CROSSING RANGE	35	34	29	9-14	350	1.1	35

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

Chart 18658

NM 11/15

SUISUN BAY							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO SEP 2014							
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)
BULLS HEAD CHANNEL	36	37	34	9-14	300-350	1.2	35
EAST BULLS HEAD CHANNEL	35	35	34	9-14	350	1.1	35
PT. EDITH CROSSING RANGE	35	34	29	9-14	350	1.1	35
PRESTON PT. REACH	34	34	29	9-14	350	0.9	35
ROE ISLAND CHANNEL	33	34	33	9-14	350	1.1	35
PORT CHICAGO REACH	37	37	35	9-14	350	0.52	35
MIDDLE GROUND CHANNEL							
WEST REACH	36	36	35	9-14	350	1.29	35
EAST REACH	35	37	36	9-14	350	1.09	35

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

Chart 18659

NM 11/15

SUISUN BAY							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO SEP 2014							
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)
NEW YORK SLOUGH							
WEST REACH	34	35	36A	9-14	400	1.3	35
EAST REACH	34	35	33	9-14	400	1.7	35
A. AN OBSTRUCTION WITH A DEPTH OF 36 FEET IS LOCATED AT 38° 02' 41.2"N 121° 53' 21.32"W.							
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

Chart 18666

NM 11/15

SUISUN BAY							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO SEP 2014							
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)
MIDDLE GROUND CHANNEL							
WEST REACH	36	36	35	9-14	350	1.29	35
EAST REACH	35	37	36	9-14	350	1.09	35
NEW YORK SLOUGH							
WEST REACH	34	35	36A	9-14	400	1.3	35
EAST REACH	34	35	33	9-14	400	1.7	35
A. AN OBSTRUCTION WITH A DEPTH OF 36 FEET IS LOCATED AT 38° 02'41.2"N 121°53' 21.32"W.							
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

Chart 55205

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KERCH - YENIKAL CHANNEL - DEPTHS

Name of Section	Track	Least Depth (Meters)	Width (Meters)	Date of Survey
Pavlovskoye Koleno (45°15'N 36°27'E)	356.6° - 176.6°	7.1	120	2013
Port Kamysh-Buruns'ka Approach (45°16'N 36°26'E)	276.4° - 96.4°	5.6	60	2013
Burunskoye Koleno (45°17'N 36°28'E)	037.5° - 217.5°	6.7	120	2013
Yenikal'skoye Koleno (45°20'N 36°35'E)	066.8° - 246.8°	6.7	120	2013
Kerchens'kyy Approach (45°20'N 36°30'E)	331.3° - 151.3°	4.8	80	2013
Fishing Port Approach (45°20'N 36°28'E)	255.6° - 075.6°	4.8	80	2013
Chushkinskoye Koleno (45°25'N 36°41'E)	014.3° - 194.3°	8.1	120	2012

Note: Routes 50 and 52 are secondary (by-pass) channels for vessels with shallower drafts, as shown on these routes.

Chart 52180

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RESTRICTED AREA

Within the area around the national parks and protected areas, the transit of cargo or passenger vessels over 500 GT is forbidden. Vessels over 500 GT are advised to contact the local port authority for the latest information.

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