

DEPARTMENT OF THE ARMY  
GALVESTON DISTRICT, CORPS OF ENGINEERS  
P.O. BOX 1229  
GALVESTON, TEXAS 77553-1229

**MARCH 2014  
HYDROGRAPHIC REPORT**

**CHANNELS WITH PROJECT DEPTHS 25 FEET OR OVER**

**A report of the depths available for navigation in the Federal Project Waterways of the Galveston District**

**★ Indicates changes from previous report**

**● Indicates dredging under contract**

**⊛ Indicates changes from previous report and dredging under contract**

**Distances are in statute miles**

**Depths are based on Corps of Engineers mean low tide datum**

MARCH 2014	PROJECT DIMENSIONS				PROJECT CONDITIONS				
Deep Draft Channels	Date of Survey	Feet Width	Miles Length	Feet Depth	Left Outside Qtr (Feet)	Left Inside Qtr (Feet)	Right Inside Qtr (Feet)	Right Outside Qtr (Feet)	Symbols
									★●⊕
<b>SABINE-NECHES WATERWAY</b>									
<b>Sabine Pass:</b>									
Sabine Bank Channel	17-Sep-13	800	14.7	42	33.00	32.70	38.50	38.60	☐
Outer Bar Channel	12-Feb-14	800	3.4	42	33.10	33.40	33.20	33.00	☐
Jetty Channel	15-Jan-14	800-500	4.1	40	29.80	30.00	30.10	29.70	★
Pass Channel	13-Feb-14	500-1150	5.6	40	21.90	21.90	21.40	21.00	☐
Anchorage Basin	7-May-13	1500	1.6	40	31.50	19.40	4.20	7.00	☐
Port Arthur Canal	9-Jan-14	500	5.5	40	36.40	36.50	35.30	35.10	☐
Junction-Port Arthur Canal and Sabine-Neches Canal	13-Jan-14	400-1200	1.3	40	34.80	34.30	34.20	34.80	☐
Entrance to Port Arthur Turning Basins	6-Mar-14	282-735	0.4	40	36.50	36.80	39.20	41.20	★
Port Arthur East Turning Basin	6-Mar-14	370-547	0.3	40	38.50	38.20	38.60	39.20	★
Port Arthur West Turning Basin	6-Mar-14	350-735	0.3	40	37.50	38.00	38.80	39.00	★
Channel from Port Arthur West Turning Basin to Taylors Bayou Turning Basin	6-Mar-14	200-350	0.6	40	28.60	28.80	39.80	39.50	★
Taylors Bayou Turning Basin	6-Mar-14	90-1233	0.7	40	20.80	21.40	40.90	41.20	★
<b>Sabine-Neches Canal:</b>									
Junction with Port Arthur Canal to Neches River	6-Feb-14	400	11.1	40	34.40	34.80	33.00	32.80	★
Neches River to Sabine River (Section B)	20-Sep-13	200	4.5	30	23.30	23.70	23.30	23.20	☐

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<b>Neches River Channel:</b>									
Mouth to Smith Bluff Cut-off	13-Mar-14	400	9.58	40	28.40	28.40	25.00	23.70	★⊕
Turning Basin at Deer Bayou	13-Mar-14	700	0.30	40	38.70	33.20	31.70	32.60	★
Turning Basin at Smiths Bluff	13-Mar-14	1400-400	0.24	40	41.50	39.30	38.50	38.80	★
Smith Bluff Cut-off to Maneuvering Area at Beaumont Turning Basin	13-Mar-14	400	8.40	40	30.30	31.20	32.40	32.30	★
Turning Basin @ mile 40.3	13-Mar-14	400-1306	0.28	40	32.50	32.90	35.20	35.10	★
Channel Extension C	13-Mar-14	350	0.23	36	32.00	32.20	31.60	31.40	★
Maneuvering Area at Beaumont Turning Basin	13-Mar-14	varies	0.40	40	38.10	39.40	37.40	36.90	★
Beaumont turning Basin (Extension) (Not a Federal Channel) 2.6	1-Apr-03	400-535	0.28	34	37.00	35.00	36.00	30.00	☐
Beaumont Turning Basin Extension	13-Mar-14	300	0.31	34	27.10	18.70	30.80	30.30	★
Beaumont Turning Basin to vicinity of Bethlehem Shipyards	13-Mar-14	200	1.13	30	20.90	22.40	24.80	24.80	★
<b>Sabine River Channel:</b>									
Mouth to Orange Municipal Slip	23-Oct-13	200	6.80	30	20.90	21.00	22.20	26.00	☐
Orange Turning basin	23-Oct-13	200-1400	0.66	30	21.60	7.60	22.20	32.00	☐
Orange Municipal Slip	23-Oct-13	150-200	0.57	30	28.80	28.90	27.10	27.10	☐
Orange Municipal Slip to Old U.S. Highway 90 Bridge Site	23-Oct-13	200	2.00	30	26.60	25.60	22.50	29.00	☐
Channel around Orange Harbor Island	23-Oct-13	151-200	2.40	25	12.80	12.70	11.60	17.40	☐

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<b>GALVESTON HARBOR</b>									
Entrance Channel	21-Mar-14	800-1000	8.60	45	46	49	48	46	★
Outer Bar Channel	22-Feb-13	800	1.70	45	44	48	48	48	★
Inner Bar Channel	13-Feb-14	800	3.30	45	45	47	47	46	★
Anchorage Basin	15-Feb-13	3100	1.90	36	32	32	32	30	□
Bolivar Roads Channel	13-Feb-14	800	0.85	45	48	49	46	42	★
Bolivar Roads to Exxon Oil Dock	4-Feb-14	1125	1.64	40-45	29	34	42	42	★
Exxon Oil Dock to Todds Shipyard	5-Feb-14	1125	1.50	40-45	39	44	41	29	★
Todds Shipyards to Pier B (43rd St.)	4-Feb-14	1075	1.30	40-45	38	41	37	13	★
<b>TEXAS CITY HARBOR</b>									
Bolivar Roads to Turning Basin	7-Feb-14	400	6.80	45	43	46	44	40	★
Texas City Turning Basin	7-Feb-14	1200	0.81	45	44	48	47	36	★
Industrial Canal	7-Feb-14	250-1200	1.70	40	39	42	42	39	★
Industrial Turning Basin	7-Feb-14	1000	0.22	40	42	41	41	40	★
<b>HOUSTON SHIP CHANNEL</b>									
Bolivar Roads to Red Fish Light 1	13-Mar-14	530	12.38	45	46	45	45	45	★
Red Fish Light 1 to Beacon 76 (Turn)	5-Mar-14	530	8.33	45	39	44.89	44.35	37.08	⊕
Beacon 76 to Lower End Morgans Point Cut	20-Nov-13	530	5.49	45	37	47	47	37.24	⊕
<b>Bayport Channel</b>									
Flare at Houston Ship Channel	11-Mar-14	5243-300	0.50	40	47	48	45	45	★
Entrance Channel	14-Mar-14	300	3.12	40	37	39	38	35	★
Turning Basin	14-Mar-14	300-1600	0.46	40	40	40	40	40	★



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<b>FREEPORT HARBOR</b>									
Outer Bar Channel	9-May-13	400	4.92	47	47	48	48	47	★
Jetty Channel	2-Oct-13	400	1.35	45	45	46	46	45	★
Lower Turning Basin	6-Aug-13	750	0.13	45	47	49	48	48	★
Channel to Brazosport Turning Basin	25-Jul-13	400-600	0.48	45	46	46	47	45	★
Brazosport Turning Basin	25-Jul-13	500-100	0.28	45	46	46	47	45	★
Channel to Upper Turning Basin	9-May-13	280-750	1.03	45	46	49	49	44	★
Upper Turning Basin	12-Apr-12	600-1190	0.18	45	49	49	49	49	★
Brazos Harbor Approach Channel	5-Apr-13	200-650	0.53	36	35.94	37.64	38.84	39.29	☐
Brazos Harbor Turning Basin	5-Apr-13	750	0.11	36	33.07	37.15	38.08	39.24	☐
<b>MATAGORDA SHIP CHANNEL</b>									
Sea Bar and Jetty Channel	1-May-13	300	3.69	38	41	42	41.5	40	☐
Matagorda Peninsula to Lt. 48	27-Feb-14	300-200	12.47	36	35.5	37	37	36.5	★
Light 48 to Alcoa Channel	22-Feb-14	200	5.54	36	31.6	34.1	32.7	29.2	★
Alcoa Channel to Turning Basin	22-Feb-14	200-399	1.13	36	31	33.2	31	30.1	★
Point Comfort Turning Basin	22-Feb-14	1000	0.19	36	37.6	38	38	37.2	★

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<b>CORPUS CHRISTI SHIP CHANNEL</b>									
<b>Aransas Pass:</b>									
Sea Bar Channel	13-Aug-13	700-600	2.79	47	47	49	49	45	☐
Jetty Channel	29-May-13	600	1.28	47-45	49	49	49	49	☐
Inner Basin at Harbor Island	13-Aug-13	600-1559	0.63	45	44.1	47	47	42	●
Inner Basin at Main Channel	29-May-13	600	0.63	45	47	47	47	47	☐
Humble Basin to Junction at La Quinta Channel	23-Sep-13	600-500	10	45	44.5	47	47	44.6	☐
La Quinta Channel Junction to Bcn. 82	24-Sep-13	400	9.66	45	40.4	46.6	47.6	41.1	●
Bcn. 82 to Main Turning Basin	15-May-13	400-300	0.91	45	50	52	52	48.15	☐
Main Turning Basin	15-May-13	300-800	1.21	45	51	52	52	51	☐
Industrial Canal	15-May-13	400	0.59	45	46	48	48	47	☐
Avery Point Turning Basin	15-May-13	400-975	0.47	45	43.02	49	48	44.08	☐
Tule Lake Channel	15-May-13	200-400	3.79	45	46.5	52	52	45.07	☐
Chemical Turning Basin	15-May-13	400-1200	0.48	45	46.5	46	47	46	☐
Tule Lake Turning Basin	16-May-13	1200-300	0.45	45	47	46.5	46	45	☐
Viola Channel	16-May-13	300-200	1.71	45	45.95	47	45.08	33.2	☐
Viola Turning Basin	16-May-13	700-900	0.3	45	44	46.5	46.14	45.41	☐
<b>CHANNEL TO LA QUINTA</b>									
Channel	19-Sep-13	300-400	5.49	45	43.4	45.0	43.5	42.6	●
Turning Basin	25-May-13	1200	0.35	45	46.0	43.0	46.0	45.7	☐

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<b>BRAZOS ISLAND HARBOR</b>										
<b>Brazos Santiago Pass:</b>										
Entrance Channel	13-Aug-13	300	1.9	44	44.9	42.5	42	40	☐	
Jetty Channel	13-Aug-13	300-400	1.9	42	43.5	45	44.5	41	☐	
Channel Across Laguna Madre	12-Aug-13	250	2.9	42	34.3	36	36	34	☐	
<b>Brownsville Channel:</b>										
Junction Basin to Boca Chica Passing Basin	13-Aug-13	250	4	42	34.1	36.5	37.5	36.7	☐	
Boca Chica Passing Basin to Goose Island Passing Basin	14-Aug-13	250	5.4	42	36.8	37.5	36	36	☐	
Goose Island Passing Basin to Brownsvile Turning Basin	16-Aug-13	300	2.8	42	40.1	42	41.5	42	☐	
Brownsville Turning Basin Extension	16-Aug-13	500	1.4	42	30	44	44	43.3	☐	
Brownsville Turning Basin	16-Aug-13	500-1200	0.5	36	30	37	37.8	36.5	☐	
<b>Port Isabel Channel:</b>										
East Wye	19-Mar-13	200	1.2	36	26.82	27	27	25	☐	
Turning Basin	20-May-13	1000	0.25	36	32	33	33	31	☐	
West Wye	20-May-13	200	1	36	33	33	33	32.5	☐	

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<b>Notes:</b>									
1.	Bayport Flare most critical depths are between 236+00 & 230+00								
2.	Carpenter Bayou to Greens Bayou controlling depths are from Boogy Bayou, upstream								
3.	Anchorage controlling depths in Anchorage are along Bolivar Roads Ch.								
3									
4									
5									
6									
7									
8									
9									
10									