

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

**AUGUST 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

AUGUST 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
									★●✳
SABINE-NECHES WATERWAY									
Sabine Pass:									
Sabine Bank Channel	27-May-14	800	14.7	42	34.90	40.50	43.10	38.20	☐
Outer Bar Channel	4-Apr-14	800	3.4	42	32.00	37.80	38.00	32.80	☐
Jetty Channel	25-Apr-14	800-500	4.1	40	29.70	40.70	42.00	29.50	☐
Pass Channel	22-Mar-14	500-1150	5.6	40	21.70	32.40	39.60	20.80	☐
Anchorage Basin	7-Mar-14	1500	1.6	40	31.00	20.20	5.00	8.00	☐
Port Arthur Canal	28-Apr-14	500	5.5	40	36.40	36.50	35.30	35.10	☐
Junction-Port Arthur Canal and Sabine-Neches Canal	28-Mar-14	400-1200	1.3	40	33.60	38.60	33.70	34.20	☐
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	☐
Sabine-Neches Canal:									
Junction with Port Arthur Canal to Neches River	4-Apr-14	400	11.1	40	31.40	40.70	42.40	36.60	☐
Neches River to Sabine River (Section B)	25-Mar-14	200	4.5	30	25.50	23.70	22.90	22.70	☐

AUGUST 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
									★●✪
Neches River Channel:									
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	☐
Sabine River Channel:									
Mouth to Orange Municipal Slip	26-Mar-14	200	6.80	30	17.10	22.70	24.40	16.00	☐
Orange Turning basin	26-Mar-14	200-1400	0.66	30	8.90	25.90	31.10	29.70	☐
Orange Municipal Slip	26-Mar-14	150-200	0.57	30	28.60	28.60	28.80	28.90	☐
Orange Municipal Slip to Old U.S. Highway 90 Bridge Site	26-Mar-14	200	2.00	30	24.30	28.30	29.40	27.60	☐
Channel around Orange Harbor Island	26-Mar-14	151-200	2.40	25	11.30	13.20	7.80	7.40	☐

AUGUST 2014	PROJECT DIMENSIONS				PROJECT CONDITIONS				Symbols
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)	★●⊠
GALVESTON HARBOR									
Entrance Channel	2-Jul-14	800-1000	8.60	45	46	49	48	44	☐
Outer Bar Channel	2-Jul-14	800	1.70	45	43	48	49	48	☐
Inner Bar Channel	2-Jul-14	800	3.30	45	43	46	46	42	☐
Anchorage Basin	24-Apr-14	3100	1.90	36	33	31	30	29	☐
Bolivar Roads Channel	2-Jul-14	800	0.85	45	48	50	46	42	☐
Bolivar Roads to Exxon Oil Dock (See Notes below)	15-Aug-14	1498.3-650	1.64	40-45	44	45	45	42	★
Exxon Oil Dock to Todds Shipyard (See Notes below)	15-Aug-14	1081.7-650	1.50	40-45	38	44	41	23	★
Todds Shipyards to Pier B (43rd St.) (See Notes below)	9-Apr-14	1075	1.30	40-45	36	40	37	22	☐
TEXAS CITY HARBOR									
Bolivar Roads to Turning Basin	9-Apr-14	400	6.80	45	42	46	44	40	☐
Texas City Turning Basin	16-Apr-14	1200	0.81	45	45	48	47	35	☐
Industrial Canal	16-Apr-14	250-1200	1.70	40	36	42	43	37	☐
Industrial Turning Basin	16-Apr-14	1000	0.22	40	41	42	42	41	☐
HOUSTON SHIP CHANNEL									
Bolivar Roads to Red Fish Light 1	26-Jun-14	530	12.38	45	43	45	45	45	☐
Red Fish Light 1 to Beacon 76 (Turn)	10-Mar-14	530	8.33	45	33	47	46	39	☐
Beacon 76 to Lower End Morgans Point Cut	6-Mar-14	530	5.49	45	44	49	49	45	☐
Bayport Channel									
Flare at Houston Ship Channel	7-Aug-14	5243-300	0.50	40	41	43	42	41	★
Entrance Channel	20-Aug-14	300	3.12	40	36	40	41	36	★
Turning Basin	20-Aug-14	300-1600	0.46	40	40	41	40	40	★

AUGUST 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
									★●✳
FREEPORT HARBOR									
Outer Bar Channel	14-Apr-14	400	4.92	47	44	46	46	45	☐
Jetty Channel	16-Apr-14	400-689	1.35	45	43	45	44	41	☐
Jetty Channel to Brazosport Turning Basin	17-Apr-14	790-400	0.13	45	42	45	46	45	☐
Brazosport Turning Basin	15-Apr-14	370-1000	0.48	45	44	46	46	44	☐
Brazosport Turning Basin to Upper Turning Basin	15-Apr-14	280-1206	1.03	45	41	48	48	44	☐
Brazos Harbor Approach Channel	8-May-14	200-650	0.53	36	36	37	39	39	☐
Brazos Harbor Turning Basin	8-May-14	750	0.11	36	33	37	38	39	☐
MATAGORDA SHIP CHANNEL									
Sea Bar and Jetty Channel	22-Mar-14	300	3.69	38	40.5	41.5	41.5	38.8	☐
Matagorda Peninsula to Lt. 48	7-Jul-14	300-200	12.47	36	29.9	33	33.2	29.2	☐
Light 48 to Alcoa Channel	9-Jul-14	200	5.54	36	30.5	34.1	28.1	27.2	☐
Alcoa Channel to Turning Basin	9-Jul-14	200-399	1.13	36	28.7	32.7	28.5	26.9	☐
Point Comfort Turning Basin	22-Feb-14	1000	0.19	36	37.6	38	38	37.2	☐

AUGUST 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	
									★●☆	
CORPUS CHRISTI SHIP CHANNEL										
Aransas Pass:										
Sea Bar Channel	21-Mar-14	700-600	2.79	47	47	48	48	44	☐	
Jetty Channel	11-Mar-14	600	1.28	47-45	56	53	50	48	☐	
Inner Basin at Harbor Island	10-Mar-14	600-1559	0.63	45	52	58	57	53	☐	
Inner Basin at Main Channel	10-Mar-14	600	0.63	45	42	52	51	37	☐	
Humble Basin to Junction at La Quinta Channel	6-Mar-14	600-500	10	45	35	45	46	44	☐	
La Quinta Channel Junction to Bcn. 82	14-Mar-14	400	9.66	45	47	49	49	47	☐	
Bcn. 82 to Main Turning Basin	11-Apr-14	400-300	0.91	45	47	49	49	46	☐	
Main Turning Basin	11-Apr-14	300-800	1.21	45	46	47	48	46	☐	
Industrial Canal	11-Apr-14	400	0.59	45	44	46	49	45	☐	
Avery Point Turning Basin	11-Apr-14	400-975	0.47	45	43	45	44	43	☐	
Tule Lake Channel	15-Apr-14	200-400	3.79	45	46	46	47	44	☐	
Chemical Turning Basin	16-Apr-14	400-1200	0.48	45	47	47	47	46	☐	
Tule Lake Turning Basin	16-Apr-14	1200-300	0.45	45	46	47	46	40	☐	
Viola Channel	16-Apr-14	300-200	1.71	45	44	46	46	34	☐	
Viola Turning Basin	16-Apr-14	700-900	0.3	45	44	47	46	43	☐	
CHANNEL TO LA QUINTA										
Channel	3-Apr-14	300-400	5.49	45	43.4	44.5	45.0	42.5	☐	
Turning Basin	2-Apr-14	1200	0.35	45	44.5	43.0	45.1	43.9	☐	

AUGUST 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	
									★●☆	
BRAZOS ISLAND HARBOR										
Brazos Santiago Pass:										
Entrance Channel	20-Mar-14	300	1.9	44	44	42	40	39	☐	
Jetty Channel	18-Apr-14	300-400	1.9	44	44.2	44.7	43.8	43.4	☐	
Channel Across Laguna Madre	10-Mar-14	250	2.9	42	37	40	40	35	☐	
Brownsville Channel:										
Junction Basin to Boca Chica Passing Basin	11-Mar-14	250	4	42	38	41	41	39	☐	
Boca Chica Passing Basin to Goose Island Passing Basin	13-Mar-14	250	5.4	42	38	40	41	39	☐	
Goose Island Passing Basin to Brownsvile Turning Basin	14-Mar-14	300	2.8	42	40	43	42	41	☐	
Brownsville Turning Basin Extension	14-Mar-14	500	1.4	42	29	39	40	38	☐	
Brownsville Turning Basin	14-Mar-14	500-1200	0.5	36	32	37	38	37	☐	
Port Isabel Channel:										
East Wye	11-Mar-14	200	1.2	36	31.2	33.3	32.2	28.3	☐	
Turning Basin	11-Mar-14	1000	0.25	36	30.1	33	33.3	25.3	☐	
West Wye	11-Mar-14	200	1	36	25.2	27.2	28.1	24.1	☐	

