

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

APRIL 2013
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

APRIL 2013	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	13-Feb-13	800	14.7	42	37.79	37.80	39.29	38.42	☐
Outer Bar Channel	13-Feb-13	800	3.4	42	41.10	40.80	36.70	33.70	☐
Jetty Channel	13-Feb-13	800-500	4.1	40	31.04	31.14	30.61	30.21	☐
Pass Channel	13-Feb-13	500-1150	5.6	40	29.18	29.68	31.38	31.38	☐
Anchorage Basin	13-Feb-13	1500	1.6	40	33.90	19.86	3.19	3.99	☐
Port Arthur Canal	28-Sep-12	500	5.5	40	29.18	29.68	31.38	31.38	☐
Junction-Port Arthur Canal and Sabine-Neches Canal	28-Aug-12	400-1200	1.3	40	33.42	34.20	31.30	31.20	☐
Entrance to Port Arthur Turning Basins	13-Mar-13	282-735	0.4	40	33.10	33.00	34.60	34.40	☐
Port Arthur East Turning Basin	13-Mar-13	370-547	0.3	40	37.00	36.70	36.90	34.80	☐
Port Arthur West Turning Basin	13-Mar-13	350-735	0.3	40	33.14	32.24	35.51	35.96	☐
Channel from Port Arthur West Turning Basin to Taylors Bayou Turning Basin	13-Mar-13	200-350	0.6	40	29.50	31.10	38.50	38.10	☐
Taylors Bayou Turning Basin	13-Mar-13	90-1233	0.7	40	31.70	31.15	36.25	35.54	☐
Sabine-Neches Canal:									
Junction with Port Arthur Canal to Neches River	13-Mar-13	400	11.1	40	36.90	37.40	36.26	35.96	☐
Neches River to Sabine River (Section B)	1-Oct-12	200	4.5	30	23.00	27.00	27.00	26.80	☐

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Neches River Channel:									
Mouth to Smith Bluff Cut-off	16-Jan-13	400	9.58	40	25.00	25.00	24.64	22.75	☐
Turning Basin at Deer Bayou	16-Jan-13	700	0.30	40	34.41	34.91	35.18	34.89	☐
Turning Basin at Smiths Bluff	16-Jan-13	1400-400	0.24	40	34.41	34.91	35.18	34.89	☐
Smith Bluff Cut-off to Maneuvering Area at Beaumont Turning Basin	16-Jan-13	400	8.40	40	29.15	28.25	32.90	32.80	☐
Turning Basin @ mile 40.3	16-Jan-13	400-1306	0.28	40	29.67	30.57	35.00	34.89	☐
Channel Extension C	16-Jan-13	350	0.23	36	33.15	33.25	35.35	35.35	☐
Maneuvering Area at Beaumont Turning Basin	16-Jan-13	varies	0.40	40	34.62	34.82	37.42	37.42	☐
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	16-Jan-13	300	0.31	34	37.25	22.25	33.65	33.25	☐
Beaumont Turning Basin to vicinity of Bethlehem Shipyards	16-Jan-13	200	1.13	30	28.58	28.98	26.08	26.57	☐
Sabine River Channel:									
Mouth to Orange Municipal Slip	21-Oct-12	200	6.80	30	18.73	18.83	27.10	27.00	☐
Orange Turning basin	21-Oct-12	200-1400	0.66	30	28.97	27.13	29.98	29.88	☐
Orange Municipal Slip	10-Oct-12	150-200	0.57	30	22.36	11.97	27.16	27.16	☐
Orange Municipal Slip to Old U.S. Highway 90 Bridge Site	10-Oct-12	200	2.00	30	25.93	25.93	29.77	23.36	☐
Channel around Orange Harbor Island	1-Oct-12	151-200	2.40	25	12.53	17.00	10.10	10.90	☐

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GALVESTON HARBOR									
Entrance Channel	27-Feb-13	800-1000	8.60	45	47	47	47	41.93	★
Outer Bar Channel	23-Apr-13	800	1.70	45	44	46	46	50	★
Inner Bar Channel	22-Apr-13	800	3.30	45	45	47	47	45	★
Anchorage Basin	15-Feb-13	3100	1.90	36	32	32	32	30	★
Bolivar Roads Channel	5-Apr-13	800	0.85	45	49	52	46.1	42.91	★
Bolivar Roads to Exxon Oil Dock	26-Feb-13	1125	1.64	40-45	24.2	36	45	46	★
Exxon Oil Dock to Todds Shipyard	26-Feb-13	1125	1.50	40-45	42	44	35.32	30.33	★
Todds Shipyards to Pier B (43rd St.)	26-Feb-13	1075	1.30	40-45	42	40	35.58	30.61	★
TEXAS CITY HARBOR									
Bolivar Roads to Turning Basin	8-Apr-13	400	6.80	45	45	48	48	45	★
Texas City Turning Basin	15-Apr-13	1200	0.81	45	46	46	40	41	★
Industrial Canal	15-Apr-13	250-1200	1.70	40	42	43	44	42	★
Industrial Turning Basin	13-Apr-12	1000	0.22	40	37.3	40.1	40.6	38	☐
HOUSTON SHIP CHANNEL									
Bolivar Roads to Red Fish Light 1	5-Apr-13	530	12.38	45	42	46	44.6	42	★
Red Fish Light 1 to Beacon 76 (Turn)	12-Mar-13	530	8.33	45	35	45	45.28	38	☐
Beacon 76 to Lower End Morgans Point Cut	12-Mar-13	530	5.49	45	37	48.08	46	38.68	☐
Bayport Channel									
Flare at Houston Ship Channel	14-Mar-13	5243-300	0.50	40	42	43	39	41	☐
Entrance Channel	14-Mar-13	300	3.12	40	33.8	39.42	39.42	33	●
Turning Basin	14-Mar-13	300-1600	0.46	40	36.04	36.94	37.84	35.36	●

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Lower End Morgans Point Cut to Exxon Oil Co. Slip	29-Jan-13	400-525	4.36	45	37.06	41	43	36.79	☐
Barbours Terminal Channel									
Flare at Houston Ship Channel	29-Jan-13	1222-300	0.40	40	34.05	37.85	33.89	30.89	☐
Entrance Channel	29-Jan-13	300	0.62	40	40	41.5	43.5	36.7	☐
Turning Basin	29-Jan-13	300-1900	0.52	40	43.7	43.3	38.9	37	☐
Exxon Oil Co. Slip to Carpenter Bayou	26-Mar-13	400-525	5.60	45	43.11	47.13	46.29	42.92	☐
Carpenter Bayou to Green Bayou	12-Mar-13	400-300	5.40	40-45	36	39	35	35	☐
Entrance to Greens Bayou to First Bend Above Mouth	11-Mar-13	500-175	0.37	40	36	36	37	35	☐
Greens Bayou to Hunting Bayou (Upper End)	15-Mar-13	300	2.20	40	32.54	36	39	33	☐
Turning Point at Hunting Bayou	15-Mar-13	600	0.26	40	38	41	40.13	42.69	☐
Hunting Bayou to Southern Pacific Slip	19-Mar-13	300	3.50	40	38	40	40	38	☐
Turning Point at Clinton Island	22-Mar-13	700	0.30	40	36	40	40	39	☐
Southern Pacific Slip to Turning Basin Wharf 15	22-Mar-13	300	2.98	36	37	40	41	36	☐
Turning Point at Brady Island	22-Mar-13	422	0.21	36	40.6	41.5	41.3	39.4	☐
Turning Basin	25-Mar-13	250-1000	0.58	36	30.3	32	34.2	30.1	☐
Upper Turning Basin	25-Mar-13	150	0.26	36	27.63	27.23	26	26.02	☐

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FREEPORT HARBOR									
Outer Bar Channel	18-Jun-12	400	4.92	47	41	42	42	41	☐
Jetty Channel	18-Jun-12	400	1.35	45	41	42	42	40	☐
Lower Turning Basin	12-Apr-12	750	0.13	45	42	43	43	42	☐
Channel to Brazosport Turning Basin	12-Apr-12	400-600	0.48	45	43	44	43	43	☐
Brazosport Turning Basin	12-Apr-12	500-100	0.28	45	44	44	44	44	☐
Channel to Upper Turning Basin	12-Apr-12	280-750	1.03	45	46	47	46	46	☐
Upper Turning Basin	12-Apr-12	600-1190	0.18	45	49	49	49	49	☐
Brazos Harbor Approach Channel	12-Apr-12	200-650	0.53	36	38	40	40	40	☐
Brazos Harbor Turning Basin	12-Apr-12	750	0.11	36	36	37	37	36	☐
MATAGORDA SHIP CHANNEL									
Sea Bar and Jetty Channel	13-May-12	300	3.69	38	38	39.5	39.5	39.7	☐
Matagorda Peninsula to Lt. 48	20-Sep-12	300-200	12.47	36	30	35	34.64	30	●
Light 48 to Alcoa Channel	21-Sep-12	200	5.54	36	30	33.62	30.3	29.3	●
Alcoa Channel to Turning Basin	23-Sep-12	200-399	1.13	36	32	33.95	31.51	29.61	●
Point Comfort Turning Basin	24-Sep-12	1000	0.19	36	37.5	35	34.53	36	●

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CORPUS CHRISTI SHIP CHANNEL									
Aransas Pass:									
Sea Bar Channel	2-May-12	700-600	2.79	47	47.8	49.5	49.6	47.2	☐
Jetty Channel	17-Sep-12	600	1.28	47-45	49	48	44.71	47.14	☐
Inner Basin at Harbor Island	10-Oct-12	600-1559	0.63	45	43	47	46.17	38	☐
Inner Basin at Main Channel	10-Oct-12	600	0.63	45	47	47	47	47	☐
Humble Basin to Junction at La Quinta Channel	7-Jan-13	600-500	10	45	49	49	49	49	☐
La Quinta Channel Junction to Bcn. 82	30-Oct-12	400	9.66	45	43.3	48	47.6	42	☐
Bcn. 82 to Main Turning Basin	17-Apr-12	400-300	0.91	45	40	42	42	42	☐
Main Turning Basin	17-Apr-12	300-800	1.21	45	41	46	46	42	☐
Industrial Canal	17-Apr-12	400	0.59	45	43	46	48	45	☐
Avery Point Turning Basin	29-Oct-12	400-975	0.47	45	43.7	46	44.26	44.25	☐
Tule Lake Channel	17-Apr-12	200-400	3.79	45	45	46	45	46	☐
Chemical Turning Basin	29-Oct-12	400-1200	0.48	45	44	47	44.5	43.55	☐
Tule Lake Turning Basin	30-Oct-12	1200-300	0.45	45	47	47	47.32	45	☐
Viola Channel	30-Oct-12	300-200	1.71	45	44	43	43	38.2	☐
Viola Turning Basin	30-Oct-12	700-900	0.3	45	45	47	46.9	46	☐
CHANNEL TO LA QUINTA									
Channel	26-Oct-12	300-400	5.49	45	45.0	43.5	47.2	44.0	☐
Turning Basin	19-Oct-12	1200	0.35	45	47.5	44.0	45.8	46.4	☐

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BRAZOS ISLAND HARBOR										
Brazos Santiago Pass:										
Entrance Channel	7-Mar-13	300	1.9	44	45	43	42	40	★	
Jetty Channel	7-Mar-13	300-400	1.9	42	43.5	45	44.5	41.8	★	
Channel Across Laguna Madre	12-Mar-13	250	2.9	42	34.9	37	37	35.3	★	
Brownsville Channel:										
Junction Basin to Boca Chica Passing Basin	11-Mar-13	250	4	42	34.6	40	41	37.2	★	
Boca Chica Passing Basin to Goose Island Passing Basin	26-Mar-13	250	5.4	42	36.6	38.5	37	38.5	★	
Goose Island Passing Basin to Brownsvile Turning Basin	26-Mar-13	300	2.8	42	40.9	42.5	42.5	42	★	
Brownsville Turning Basin Extension	26-Mar-13	500	1.4	42	33.6	44.5	44.5	41	★	
Brownsville Turning Basin	26-Mar-13	500-1200	0.5	36	27.2	37	38.5	37.5	★	
Port Isabel Channel:										
East Wye	20-Mar-12	200	1.2	36	32.19	34.86	33.66	26.94	☐	
Turning Basin	20-May-12	1000	0.25	36	31.7	34.1	34.7	28.82	☐	
West Wye	20-Mar-12	200	1	36	27.09	29.75	29.19	25.25	☐	

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Symbols

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