

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

FEBRUARY 2012
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 Distric

★ 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

FEBRUARY 2012

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	7-Feb-12	800	14.7	42	34.02	33.97	35.57	38.66	★
Outer Bar Channel	23-Jan-12	800	3.4	42	36.06	35.36	35.72	35.80	★
Jetty Channel	10-Jan-12	800-500	4.1	40	31.96	31.96	29.69	31.51	★
Pass Channel	11-Jan-12	500-1150	5.6	40	36.53	22.34	27.75	33.70	★
Anchorage Basin	18-Aug-10	1500	1.6	40	35.81	23.92	13.30	3.10	☐
Port Arthur Canal	17-Jan-12	500	5.5	40	33.50	33.18	28.55	30.75	★
Junction-Port Arthur Canal and Sabine-Neches Canal	17-Jan-12	400-1200	1.3	40	27.82	28.92	35.46	35.38	★
Entrance to Port Arthur Turning Basins	5-Jan-12	282-735	0.4	40	37.62	38.32	35.48	35.38	★
Port Arthur East Turning Basin	5-Jan-12	370-547	0.3	40	39.43	40.00	40.00	40.00	★
Port Arthur West Turning Basin	5-Jan-12	350-735	0.3	40	35.35	35.85	37.98	37.78	★
Channel from Port Arthur West Turning Basin to Taylors Bayou Turning Basin	5-Jan-12	200-350	0.6	40	27.76	28.16	40.00	40.00	★
Taylors Bayou Turning Basin	5-Jan-12	90-1233	0.7	40	32.18	32.68	37.08	36.51	★
Sabine-Neches Canal:									
Junction with Port Arthur Canal to Neches River	25-Aug-10	400	11.1	40	25.90	35.81	33.90	25.60	☐
Neches River to Sabine River (Section B)	3-Aug-10	200	4.5	30	18.91	20.27	18.87	15.45	☐

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Neches River Channel:									
Mouth to Smith Bluff Cut-off	11-Jul-11	400	9.58	40	30.50	30.50	25.60	24.20	☐
Turning Basin at Deer Bayou	13-Sep-10	700	0.30	40	35.54	33.72	31.10	29.94	☐
Turning Basin at Smiths Bluff	13-Sep-10	1400-400	0.24	40	36.59	35.53	34.55	33.64	☐
Smith Bluff Cut-off to Maneuvering Area at Beaumont Turning Basin	11-Jul-11	400	8.40	40	31.50	33.90	31.90	31.90	☐
Turning Basin @ mile 40.3	14-Sep-10	400-1306	0.28	40	31.19	38.08	39.18	36.86	☐
Channel Extension C	14-Sep-10	350	0.23	36	37.27	41.03	41.98	37.58	☐
Maneuvering Area at Beaumont Turning Basin	11-Jul-11	varies	0.40	40	39.40	40.00	32.20	32.00	☐
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	11-Jul-11	300	0.31	34	34.00	34.00	28.90	23.90	☐
Beaumont Turning Basin to vicinity of Bethlehem Shipyards	11-Jul-11	200	1.13	30	15.80	16.10	13.90	13.70	☐
Sabine River Channel:									
Mouth to Orange Municipal Slip	22-Dec-11	200	6.80	30	17.83	18.33	22.84	23.75	☐
Orange Turning basin	23-Aug-10	200-1400	0.66	30	24.95	26.22	27.36	30.54	☐
Orange Municipal Slip	11-May-11	150-200	0.57	30	27.60	22.70	29.40	29.80	☐
Orange Municipal Slip to Old U.S. Highway 90 Bridge Site	11-Jun-11	200	2.00	30	19.60	26.20	26.30	11.70	☐
Channel around Orange Harbor Island	11-Jun-11	151-200	2.40	25	10.10	13.30	11.30	9.90	☐

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GALVESTON HARBOR									
Entrance Channel	7-May-11	800-1000	8.60	47	44.08	45	45	41	★
Outer Bar Channel	2-Jun-11	800	1.70	47	40.41	45	45	45	⊕
Inner Bar Channel	2-Jun-11	800	3.30	47	38.51	44.59	45	37.54	⊕
Anchorage Basin	12-Apr-11	3100	1.90	34	39.1	37.9	35.9	30.2	☐
Bolivar Roads Channel	23-May-11	800	0.85	47	45	45	45	44.5	⊕
Bolivar Roads to Exxon Oil Dock	25-Apr-11	1125	1.64	45	42.57	46.76	48.5	46.87	☐
Exxon Oil Dock to Todds Shipyard	25-Mar-11	1125	1.50	45	42.65	47.54	45.66	24.32	☐
Todds Shipyards to Pier B (43rd St.)	24-Mar-11	1075	1.30	45	38.87	42.5	39.8	24.32	☐
TEXAS CITY HARBOR									
Bolivar Roads to Turning Basin	11-Jul-11	400	6.80	45	45.11	47.7	47.74	46.77	☐
Texas City Turning Basin	12-Jul-11	1200	0.81	45	42.03	43.54	47.24	45	☐
Industrial Canal	19-Jul-11	250-1200	1.70	40	37.35	39.22	40.72	36.48	☐
Industrial Turning Basin	19-Jul-11	1000	0.22	40	39.9	41.22	40.78	39.74	☐
HOUSTON SHIP CHANNEL									
Bolivar Roads to Red Fish Light 1	15-Jan-12	530	12.38	45	41.56	45	45	41.49	⊕
Red Fish Light 1 to Beacon 76 (Turn)	24-Jan-12	400	8.33	45	28.8	44.87	43.43	33.56	⊕
Beacon 76 to Lower End Morgans Point Cut	25-Aug-11	530	5.49	45	33.1	45	45	35.52	☐
Bayport Channel									
Flare at Houston Ship Channel	29-Nov-11	5243-300	0.50	40	39.9	40	39.49	38.73	☐
Entrance Channel	29-Nov-11	300	3.12	40	34.6	39.66	39.11	34.02	☐
Turning Basin	29-Nov-11	300-1600	0.46	40	37.15	37.82	38.35	36.99	☐

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Lower End Morgans Point Cut to Exxon Oil Co. Slip	8-Apr-11	400-525	4.36	45	42	46	46	42	●
Barbours Terminal Channel									
Flare at Houston Ship Channel	1-Aug-11	1222-300	0.40	40	37.2	38.8	35.1	33.4	☐
Entrance Channel	1-Aug-11	300	0.62	40	40	40	40	37.59	☐
Turning Basin	1-Aug-11	300-1900	0.52	40	40	40	39.53	37.74	☐
Exxon Oil Co. Slip to Carpenter Bayou	1-Dec-11	400-525	5.60	45	38.82	41.91	43.6	38.22	☐
Carpenter Bayou to Green Bayou	17-Jan-12	400-300	5.40	40-45	39.3	40	39.1	38.2	★
Entrance to Greens Bayou to First Bend Above Mouth	12-Apr-11	500-175	0.37	36	37.63	38.98	39.4	34.26	☐
Greens Bayou to Hunting Bayou (Upper End)	17-Jan-12	300	2.20	40	33.74	38.15	40	35.17	★
Turning Point at Hunting Bayou	17-Jan-12	600	0.26	40	32.24	35.53	40	40	★
Hunting Bayou to Southern Pacific Slip	17-Jan-12	300	3.50	40	32.61	36.38	39.37	31.87	★
Turning Point at Clinton Island	17-Jan-12	700	0.30	40	37.2	40	34.8	32.6	★
Southern Pacific Slip to Turning Basin Wharf 15	11-Jan-12	300	2.98	36	32.1	35.8	34.2	30.9	★
Turning Point at Brady Island	3-Apr-11	422	0.21	36	38	38	38	38	☐
Turning Basin	3-Apr-11	250-1000	0.58	36	33	33	31	29	☐
Upper Turning Basin	3-Apr-11	150	0.26	36	31	31	34	32	☐

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FREEMPORT HARBOR									
Outer Bar Channel	20-Sep-11	400	4.92	47	39.24	42.08	43.26	40.77	☐
Jetty Channel	21-Sep-11	400	1.35	45	41.46	42.69	43.12	39.37	☐
Lower Turning Basin	21-Sep-11	750	0.13	45	45.65	47.61	46.31	44.08	☐
Channel to Brazosport Turning Basin	22-Sep-11	400-600	0.48	45	47.1	49.22	49.3	48.1	☐
Brazosport Turning Basin	22-Sep-11	500-100	0.28	45	49.81	49.8	49.22	48.7	☐
Channel to Upper Turning Basin	22-Sep-11	280-750	1.03	45	47.3	47.7	48.1	44.76	☐
Upper Turning Basin	22-Jul-11	600-1190	0.18	45	46.2	48.26	49.2	47.6	☐
Brazos Harbor Approach Channel	22-Jul-11	200-650	0.53	36	36.4	38.04	39.2	39.54	☐
Brazos Harbor Turning Basin	22-Jul-11	750	0.11	36	33.66	37.43	38.3	39.5	☐
MATAGORDA SHIP CHANNEL									
Sea Bar and Jetty Channel	29-Sep-10	300	3.69	38	38.2	37.8	37.8	36.8	☐
Matagorda Peninsula to Lt. 48	15-Jun-11	300-200	12.47	36	35.8	36.7	37.1	33.1	☐
Light 48 to Alcoa Channel	4-May-11	200	5.54	36	33	35.52	35.5	33.8	☐
Alcoa Channel to Turning Basin	25-May-10	200-399	1.13	36	39.07	38.33	38.54	35.75	☐
Point Comfort Turning Basin	3-Mar-10	1000	0.19	36	18.29	33.75	34.15	33.52	☐

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CORPUS CHRISTI SHIP CHANNEL									
Aransas Pass:									
Sea Bar Channel	31-Mar-11	700-600	2.79	47	48	50	50	48.5	☐
Jetty Channel	31-Mar-11	600	1.28	47-45	51	51	51	51	☐
Inner Basin at Harbor Island	8-Feb-11	600-1559	0.63	45	38	46	42	40	☐
Inner Basin at Main Channel	4-Apr-11	600	0.63	45	51	51	51	51	☐
Humble Basin to Junction at La Quinta Channel	8-Feb-11	600-500	10	45	39	45	41	45	☐
La Quinta Channel Junction to Bcn. 82	13-Jun-11	400	9.66	45	45.4	48	48	46.6	☐
Bcn. 82 to Main Turning Basin	16-May-11	400-300	0.91	45	40.6	51.6	44.5	44.5	☐
Main Turning Basin	19-Mar-09	300-800	1.21	45	40.4	44.8	45.4	38.9	☐
Industrial Canal	25-Aug-09	400	0.59	45	44.4	46.7	46.7	40.6	☐
Avery Point Turning Basin	10-Sep-09	400-975	0.47	45	44.5	45	46.4	43	☐
Tule Lake Channel	28-Oct-09	200-400	3.79	45	44.19	47.68	46.96	45.58	☐
Chemical Turning Basin	16-Sep-09	400-1200	0.48	45	46.5	47.3	46.4	45.2	☐
Tule Lake Turning Basin	15-Sep-09	1200-300	0.45	45	45.2	46.2	45.2	39.5	☐
Viola Channel	15-Aug-09	300-200	1.71	45	42.3	46	43.7	33	☐
Viola Turning Basin	14-Oct-09	700-900	0.3	45	45.6	46.6	46.6	35.2	☐
CHANNEL TO LA QUINTA									
Channel	5-Apr-11	300-400	5.49	45	47.0	46.8	47.4	48.8	☐
Turning Basin	5-Apr-11	1200	0.35	45	48.6	50.0	50.0	50.4	☐

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BRAZOS ISLAND HARBOR									
Brazos Santiago Pass:									
Entrance Channel	6-Nov-10	300	1.9	44	40.2	39.5	40	38.2	☐
Jetty Channel	2-Mar-11	300-400	1.9	42	46.3	45.1	45.8	45.3	☐
Channel Across Laguna Madre	8-Mar-11	250	2.9	42	44	45.3	44.8	45.7	☐
Brownsville Channel:									
Junction Basin to Boca Chica Passing Basin	23-Apr-10	250	4	42	41.8	43.6	43.5	42.7	☐
Boca Chica Passing Basin to Goose Island Passing Basin	27-May-10	250	5.4	42	41.2	43.8	43.6	40.3	☐
Goose Island Passing Basin to Brownsvile Turning Basin	8-Jun-10	300	2.8	42	41.3	43.4	43.7	40.3	☐
Brownsville Turning Basin Extension	20-May-10	500	1.4	42	26.7	43.5	43.3	42.2	☐
Brownsville Turning Basin	20-May-10	500-1200	0.5	36	31.2	37.3	37.3	37.5	☐
Port Isabel Channel:									
East Wye	30-Sep-10	200	1.2	36	33.6	33.5	31.4	29.9	☐
Turning Basin	4-May-10	1000	0.25	36	34.3	36.4	36.6	31.1	☐
West Wye	30-Sep-10	200	1	36	27	28.7	30	26.4	☐

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Notes:

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