

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

APRIL 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

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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	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	7-Mar-12	500-1150	5.6	40	38.77	38.99	32.67	32.35	☐
Anchorage Basin	7-Mar-12	1500	1.6	40	32.60	19.99	8.52	9.58	☐
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	15-Mar-12	400-1200	1.3	40	33.15	33.25	34.35	35.06	★
Entrance to Port Arthur Turning Basins	15-Mar-12	282-735	0.4	40	35.79	36.69	37.08	36.78	★
Port Arthur East Turning Basin	15-Mar-12	370-547	0.3	40	38.16	39.36	33.46	31.86	★
Port Arthur West Turning Basin	15-Mar-12	350-735	0.3	40	33.63	32.43	37.48	37.28	★
Channel from Port Arthur West Turning Basin to Taylors Bayou Turning Basin	15-Mar-12	200-350	0.6	40	28.08	28.08	39.61	38.51	★
Taylors Bayou Turning Basin	15-Mar-12	90-1233	0.7	40	32.12	32.52	37.63	35.76	★
<b>Sabine-Neches Canal:</b>									
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)	30-Mar-12	200	4.5	30	22.13	23.61	21.90	26.06	★

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<b>Neches River Channel:</b>									
Mouth to Smith Bluff Cut-off	1-Mar-12	400	9.58	40	29.60	29.60	24.05	22.79	☐
Turning Basin at Deer Bayou	1-Mar-12	700	0.30	40	40.00	39.58	39.35	38.50	☐
Turning Basin at Smiths Bluff	1-Mar-12	1400-400	0.24	40	40.00	40.00	40.00	40.00	☐
Smith Bluff Cut-off to Maneuvering Area at Beaumont Turning Basin	1-Mar-12	400	8.40	40	29.84	34.02	32.24	32.04	☐
Turning Basin @ mile 40.3	1-Mar-12	400-1306	0.28	40	37.17	37.14	37.23	37.16	☐
Channel Extension C	1-Mar-12	350	0.23	36	33.15	33.25	33.05	32.35	☐
Maneuvering Area at Beaumont Turning Basin	1-Mar-12	varies	0.40	40	29.84	20.96	36.09	36.33	☐
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	1-Mar-12	300	0.31	34	34.00	20.96	34.00	34.00	☐
Beaumont Turning Basin to vicinity of Bethlehem Shipyards	1-Mar-12	200	1.13	30	20.56	21.32	28.79	28.42	☐
<b>Sabine River Channel:</b>									
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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<b>GALVESTON HARBOR</b>									
Entrance Channel	4-Mar-12	800-1000	8.60	45	46.39	48.27	47.36	44.42	★
Outer Bar Channel	5-Mar-12	800	1.70	45	42.26	46.45	47.35	48.54	☉
Inner Bar Channel	2-Mar-12	800	3.30	45	40.72	44.6	44.51	43.02	☉
Anchorage Basin	12-Apr-11	3100	1.90	36	39.1	37.9	35.9	30.2	☐
Bolivar Roads Channel	4-Mar-12	800	0.85	45	47.73	49.85	46.1	43.92	☉
Bolivar Roads to Exxon Oil Dock	25-Apr-11	1125	1.64	40-45	42.57	46.76	48.5	46.87	☐
Exxon Oil Dock to Todds Shipyard	25-Mar-11	1125	1.50	40-45	42.65	47.54	45.66	24.32	☐
Todds Shipyards to Pier B (43rd St.)	24-Mar-11	1075	1.30	40-45	38.87	42.5	39.8	24.32	☐
<b>TEXAS CITY HARBOR</b>									
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	☐
<b>HOUSTON SHIP CHANNEL</b>									
Bolivar Roads to Red Fish Light 1	5-Apr-12	530	12.38	45	44.78	45.12	45.32	41.27	☉
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	31-Mar-12	530	5.49	45	42.14	48.41	47.25	42.35	★
<b>Bayport Channel</b>									
Flare at Houston Ship Channel	5-Apr-12	5243-300	0.50	40	38.26	40.6	37.37	36.82	★
Entrance Channel	5-Mar-12	300	3.12	40	34.86	39.68	39.67	33.95	★
Turning Basin	5-Mar-12	300-1600	0.46	40	37.09	37.92	38.57	36.64	★

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Lower End Morgans Point Cut to Exxon Oil Co. Slip	6-Mar-12	400-525	4.36	45	37.87	44.77	44.51	38.94	●
<b>Barbours Terminal Channel</b>									
Flare at Houston Ship Channel	1-Mar-12	1222-300	0.40	40	35.48	38.78	33.62	32.22	★
Entrance Channel	1-Mar-12	300	0.62	40	40.84	42.54	43.94	37.04	★
Turning Basin	1-Mar-12	300-1900	0.52	40	43.82	43.59	39.39	37.51	★
Exxon Oil Co. Slip to Carpenter Bayou	12-Mar-12	400-525	5.60	45	44.83	47.23	46.43	44.74	★
Carpenter Bayou to Green Bayou	9-Mar-12	400-300	5.40	40-45	38.45	40.31	38.31	37.03	★
Entrance to Greens Bayou to First Bend Above Mouth	1-Apr-12	500-175	0.37	36	36.99	38.29	37.86	36.66	★
Greens Bayou to Hunting Bayou (Upper End)	26-Mar-12	300	2.20	40	32.54	37.58	39.87	34.79	⊕
Turning Point at Hunting Bayou	27-Mar-12	600	0.26	40	31.3	34.62	40.13	42.69	⊕
Hunting Bayou to Southern Pacific Slip	27-Mar-12	300	3.50	40	31.6	35.4	39.17	31.78	⊕
Turning Point at Clinton Island	27-Mar-12	700	0.30	40	37.25	40.23	35.16	32.2	⊕
Southern Pacific Slip to Turning Basin Wharf 15	29-Mar-12	300	2.98	36	31.48	35.75	34.13	31.01	⊕
Turning Point at Brady Island	29-Mar-12	422	0.21	36	40.49	41.58	42.51	39.57	★
Turning Basin	1-Apr-12	250-1000	0.58	36	32.05	34.5	35.44	29.49	★
Upper Turning Basin	1-Apr-12	150	0.26	36	28.25	27.94	29.37	27.93	★

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<b>FREEPORT HARBOR</b>									
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	☐
<b>MATAGORDA SHIP CHANNEL</b>									
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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<b>CORPUS CHRISTI SHIP CHANNEL</b>									
<b>Aransas Pass:</b>									
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	18-Apr-12	600-500	10	45	40	46	49	44	★
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	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	17-Apr-12	400-975	0.47	45	42	46	47	40.5	★
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	11-Apr-12	1200-300	0.45	45	47	44	44.5	44.3	★
Viola Channel	11-Apr-12	300-200	1.71	45	46	46	47	28	★
Viola Turning Basin	11-Apr-12	700-900	0.3	45	46	47	46.1	46	★
<b>CHANNEL TO LA QUINTA</b>									
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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<b>BRAZOS ISLAND HARBOR</b>									
<b>Brazos Santiago Pass:</b>									
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	☐
<b>Brownsville Channel:</b>									
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	☐
<b>Port Isabel Channel:</b>									
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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