

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

FEBRUARY 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

FEBRUARY 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	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	16-Dec-13	282-735	0.4	40	37.70	37.90	39.60	39.50	☐
Port Arthur East Turning Basin	16-Dec-13	370-547	0.3	40	39.10	39.00	36.60	36.00	☐
Port Arthur West Turning Basin	16-Dec-13	350-735	0.3	40	38.80	39.30	40.30	40.10	☐
Channel from Port Arthur West Turning Basin to Taylors Bayou Turning Basin	16-Dec-13	200-350	0.6	40	29.30	29.40	41.40	41.40	☐
Taylors Bayou Turning Basin	16-Dec-13	90-1233	0.7	40	28.40	29.40	41.00	40.60	☐
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)	20-Sep-13	200	4.5	30	23.30	23.70	23.30	23.20	☐

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Neches River Channel:									
Mouth to Smith Bluff Cut-off	17-Jul-13	400	9.58	40	24.60	24.80	24.00	22.80	☐
Turning Basin at Deer Bayou	17-Jul-13	700	0.30	40	38.30	34.30	33.20	33.30	☐
Turning Basin at Smiths Bluff	17-Jul-13	1400-400	0.24	40	42.80	40.20	39.40	38.90	☐
Smith Bluff Cut-off to Maneuvering Area at Beaumont Turning Basin	17-Jul-13	400	8.40	40	29.20	32.50	32.70	32.50	☐
Turning Basin @ mile 40.3	17-Jul-13	400-1306	0.28	40	34.10	34.60	35.60	35.30	☐
Channel Extension C	17-Jul-13	350	0.23	36	32.70	32.80	32.40	32.30	☐
Maneuvering Area at Beaumont Turning Basin	17-Jul-13	varies	0.40	40	40.30	40.00	38.10	37.80	☐
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	17-Jul-13	300	0.31	34	32.00	20.30	35.10	35.50	☐
Beaumont Turning Basin to vicinity of Bethlehem Shipyards	17-Jul-13	200	1.13	30	21.30	20.30	25.90	26.50	☐
Sabine River Channel:									
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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GALVESTON HARBOR									
Entrance Channel	28-Jun-13	800-1000	8.60	45	45.29	48.78	47.68	41.05	☐
Outer Bar Channel	18-Jun-13	800	1.70	45	40.68	46.37	45.88	46.04	☐
Inner Bar Channel	18-Jun-13	800	3.30	45	40.47	45.79	44.84	40.73	☐
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	21-Nov-13	1125	1.64	40-45	31	35	43	42	☐
Exxon Oil Dock to Todds Shipyard	21-Nov-13	1125	1.50	40-45	39	44	41	29	☐
Todds Shipyards to Pier B (43rd St.)	22-Nov-13	1075	1.30	40-45	38	41	37	23	☐
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	17-Jun-13	530	12.38	45	42	44.33	44.37	40.65	☐
Red Fish Light 1 to Beacon 76 (Turn)	1-Aug-13	530	8.33	45	34.43	44.89	44.35	37.08	☐
Beacon 76 to Lower End Morgans Point Cut	1-Aug-13	530	5.49	45	36.38	48.36	47.92	37.24	☐
Bayport Channel									
Flare at Houston Ship Channel	2-Aug-13	5243-300	0.50	40	40.02	41.87	36.28	35.53	☐
Entrance Channel	22-Jul-13	300	3.12	40	39	41	43	39	☐
Turning Basin	9-Aug-13	300-1600	0.46	40	41	41	41	41	☐

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									☐
Lower End Morgans Point Cut to Exxon Oil Co. Slip	16-May-13	400-525	4.36	45	33.93	39.64	43.15	36.1	☐
Barbours Terminal Channel									
Flare at Houston Ship Channel	15-May-13	1222-300	0.40	40	34.05	37.85	33.89	30.89	☐
Entrance Channel	15-May-13	300	0.62	40	40	41.5	43.5	36.7	☐
Turning Basin	15-May-13	300-1900	0.52	40	43.7	43.3	38.9	37	☐
Exxon Oil Co. Slip to Carpenter Bayou	16-May-13	400-525	5.60	45	43.11	47.13	46.29	42.92	☐
Carpenter Bayou to Green Bayou	8-Aug-13	400-300	5.40	40-45	36.6	39.12	36.9	35.6	☐
Entrance to Greens Bayou to First Bend Above Mouth	8-Aug-13	500-175	0.37	40	33	35	35	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	17-Jul-13	300	2.98	36	38	39	38	36	☐
Turning Point at Brady Island	17-Jul-13	422	0.21	36	35	39	38	36	☐
Turning Basin	17-Jul-13	250-1000	0.58	36	28	32	35	33	☐
Upper Turning Basin	17-Jul-13	150	0.26	36	27.63	28	24	25	☐

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FREEPORT HARBOR									
Outer Bar Channel	23-Jan-13	400	4.92	47	45	45	45	45	☐
Jetty Channel	23-Jan-13	400	1.35	45	44	43	44	43	☐
Lower Turning Basin	24-Jan-13	750	0.13	45	44	45	43	43	☐
Channel to Brazosport Turning Basin	24-Jan-13	400-600	0.48	45	44	45	43	43	☐
Brazosport Turning Basin	24-Jan-13	500-100	0.28	45	44	45	43	43	☐
Channel to Upper Turning Basin	4-Apr-13	280-750	1.03	45	47	47	47	46	☐
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	☐
MATAGORDA SHIP CHANNEL									
Sea Bar and Jetty Channel	1-May-13	300	3.69	38	41	42	41.5	40	☐
Matagorda Peninsula to Lt. 48	11-Sep-13	300-200	12.47	36	35.5	37	37	36.4	☐
Light 48 to Alcoa Channel	28-Aug-13	200	5.54	36	38	38	38	38	☐
Alcoa Channel to Turning Basin	4-Sep-13	200-399	1.13	36	32.1	34.4	34	33	☐
Point Comfort Turning Basin	4-Sep-13	1000	0.19	36	38	38	38	38	☐

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CORPUS CHRISTI SHIP CHANNEL									
Aransas Pass:									
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	☐
CHANNEL TO LA QUINTA									
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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BRAZOS ISLAND HARBOR										
Brazos Santiago Pass:										
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	☐	
Brownsville Channel:										
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	☐	
Port Isabel Channel:										
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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Notes:									
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									
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6									
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10									