

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

JANUARY 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

JANUARY 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
									★●⊕
<b>SABINE-NECHES WATERWAY</b>									
<b>Sabine Pass:</b>									
Sabine Bank Channel	23-Jun-12	800	14.7	42	35.08	33.37	38.27	38.02	☐
Outer Bar Channel	18-May-12	800	3.4	42	36.06	35.36	35.72	35.80	☐
Jetty Channel	27-Sep-12	800-500	4.1	40	30.09	30.28	29.92	29.42	☐
Pass Channel	27-Sep-12	500-1150	5.6	40	30.41	30.01	30.41	30.01	☐
Anchorage Basin	27-Sep-12	1500	1.6	40	31.45	19.80	9.14	10.03	☐
Port Arthur Canal	28-Sep-12	500	5.5	40	33.32	33.43	31.43	31.46	☐
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	28-Aug-12	282-735	0.4	40	31.00	31.00	33.00	33.10	☐
Port Arthur East Turning Basin	28-Aug-12	370-547	0.3	40	38.77	38.18	31.98	31.98	☐
Port Arthur West Turning Basin	28-Aug-12	350-735	0.3	40	35.63	32.26	35.62	35.62	☐
Channel from Port Arthur West Turning Basin to Taylors Bayou Turning Basin	28-Aug-12	200-350	0.6	40	40.37	40.77	37.97	37.67	☐
Taylors Bayou Turning Basin	28-Aug-12	90-1233	0.7	40	21.04	21.44	37.44	41.70	☐
<b>Sabine-Neches Canal:</b>									
Junction with Port Arthur Canal to Neches River	24-Sep-12	400	11.1	40	32.12	31.15	31.59	33.00	☐
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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<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	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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					Qtr (Feet)	Qtr (Feet)	Qtr (Feet)	Qtr (Feet)	
<b>GALVESTON HARBOR</b>									
Entrance Channel	10-Sep-12	800-1000	8.60	45	45.92	47.56	45.1	41.93	☐
Outer Bar Channel	17-Sep-12	800	1.70	45	41.12	46.85	47.31	49.2	☐
Inner Bar Channel	14-Sep-12	800	3.30	45	38.82	43.83	44.35	41.33	☐
Anchorage Basin	18-May-12	3100	1.90	36	40	38	38	32	☐
Bolivar Roads Channel	13-Sep-12	800	0.85	45	47.41	49.86	46.1	42.91	☐
Bolivar Roads to Exxon Oil Dock	12-Apr-12	1125	1.64	40-45	33	47	47	48	☐
Exxon Oil Dock to Todds Shipyard	12-Apr-12	1125	1.50	40-45	40	48	47	20	☐
Todds Shipyards to Pier B (43rd St.)	12-Apr-12	1075	1.30	40-45	44	45	44	22	☐
<b>TEXAS CITY HARBOR</b>									
Bolivar Roads to Turning Basin	15-May-12	400	6.80	45	42.96	47.25	47.94	43.94	☐
Texas City Turning Basin	13-Apr-12	1200	0.81	45	33.92	38.32	47.03	43.16	☐
Industrial Canal	13-Apr-12	250-1200	1.70	40	37.3	38	40	36.1	☐
Industrial Turning Basin	13-Apr-12	1000	0.22	40	37.3	40.1	40.6	38	☐
<b>HOUSTON SHIP CHANNEL</b>									
Bolivar Roads to Red Fish Light 1	12-Sep-12	530	12.38	45	44.14	44.5	44.6	41.03	☐
Red Fish Light 1 to Beacon 76 (Turn)	21-Sep-12	530	8.33	45	38.15	46.87	45.28	40.43	☐
Beacon 76 to Lower End Morgans Point Cut	27-Sep-12	530	5.49	45	39.36	48.08	43.99	38.68	☐
<b>Bayport Channel</b>									
Flare at Houston Ship Channel	11-Jul-12	5243-300	0.50	40	46	46.8	46	46	☐
Entrance Channel	10-Sep-12	300	3.12	40	33.8	39.42	39.42	33	☐
Turning Basin	10-Sep-12	300-1600	0.46	40	36.04	36.94	37.84	35.36	☐

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					Qtr (Feet)	Qtr (Feet)	Qtr (Feet)	Qtr (Feet)	
Lower End Morgans Point Cut to Exxon Oil Co. Slip	7-Aug-12	400-525	4.36	45	37.06	42.41	44.11	36.79	☐
<b>Barbours Terminal Channel</b>									
Flare at Houston Ship Channel	26-Jul-12	1222-300	0.40	40	34.05	37.85	33.89	30.89	☐
Entrance Channel	26-Jul-12	300	0.62	40	40	41.5	43.5	36.7	☐
Turning Basin	26-Jul-12	300-1900	0.52	40	43.7	43.3	38.9	37	☐
Exxon Oil Co. Slip to Carpenter Bayou	13-Aug-12	400-525	5.60	45	43.11	47.13	46.29	42.92	☐
Carpenter Bayou to Green Bayou	14-Aug-12	400-300	5.40	40-45	37.9	40	37.9	36.8	☐
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	22-Aug-12	300	3.50	40	31.82	36.02	39.22	33.21	☐
Turning Point at Clinton Island	10-Sep-12	700	0.30	40	43.27	42.96	41.97	41.72	☐
Southern Pacific Slip to Turning Basin Wharf 15	22-Aug-12	300	2.98	36	38.33	42.3	41.89	34.83	☐
Turning Point at Brady Island	31-Aug-12	422	0.21	36	40.6	41.5	41.3	39.4	☐
Turning Basin	26-Sep-12	250-1000	0.58	36	30.3	33.59	34.2	30.1	☐
Upper Turning Basin	26-Sep-12	150	0.26	36	27.63	27.23	28.53	26.02	☐

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<b>FREEPORT HARBOR</b>									
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	☐
<b>MATAGORDA SHIP CHANNEL</b>									
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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<b>CORPUS CHRISTI SHIP CHANNEL</b>									
<b>Aransas Pass:</b>									
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	☐
<b>CHANNEL TO LA QUINTA</b>									
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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<b>BRAZOS ISLAND HARBOR</b>										
<b>Brazos Santiago Pass:</b>										
Entrance Channel	5-Mar-12	300	1.9	44	46.52	45.79	42.89	41.19	☐	
Jetty Channel	8-Jan-13	300-400	1.9	42	43.5	45	45	42.7	★	
Channel Across Laguna Madre	8-Jan-13	250	2.9	42	36.5	36.5	36.5	35	★	
<b>Brownsville Channel:</b>										
Junction Basin to Boca Chica Passing Basin	9-Jan-13	250	4	42	34.5	36	39	38.5	★	
Boca Chica Passing Basin to Goose Island Passing Basin	9-Jan-13	250	5.4	42	34.5	36	37.8	38	★	
Goose Island Passing Basin to Brownsvile Turning Basin	3-Mar-12	300	2.8	42	40.62	43.4	43.02	42.62	☐	
Brownsville Turning Basin Extension	15-Mar-12	500	1.4	42	42.13	43.62	43.38	43.21	☐	
Brownsville Turning Basin	15-Mar-12	500-1200	0.5	36	28.38	38.04	38.23	37.66	☐	
<b>Port Isabel Channel:</b>										
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	☐	



JANUARY 2013

PROJECT DIMENSIONS

PROJECT CONDITIONS

Deep Draft Channels

Date  
of  
Survey

Feet  
Width

Miles  
Length

Feet  
Depth

Left  
Outside  
Qtr  
(Feet)

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(Feet)

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(Feet)

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Qtr  
(Feet)

Symbols

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Notes:

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