

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

JUNE 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

| JUNE 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 | 12-Apr-13 | 800 | 14.7 | 42 | 33.80 | 33.50 | 38.50 | 39.20 | ★ |
| Outer Bar Channel | 12-Apr-13 | 800 | 3.4 | 42 | 38.80 | 38.50 | 38.10 | 38.10 | ★ |
| Jetty Channel | 7-May-13 | 800-500 | 4.1 | 40 | 30.80 | 31.00 | 29.50 | 29.10 | ★ |
| Pass Channel | 10-May-13 | 500-1150 | 5.6 | 40 | 26.10 | 25.30 | 25.40 | 25.00 | ★ |
| Anchorage Basin | 7-May-13 | 1500 | 1.6 | 40 | 31.50 | 19.40 | 4.20 | 7.00 | ★ |
| 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 | 8-Apr-13 | 400-1200 | 1.3 | 40 | 27.80 | 27.90 | 29.60 | 30.30 | ★ |
| Entrance to Port Arthur Turning Basins | 8-May-13 | 282-735 | 0.4 | 40 | 32.80 | 33.20 | 34.60 | 35.20 | ★ |
| Port Arthur East Turning Basin | 8-May-13 | 370-547 | 0.3 | 40 | 35.80 | 36.20 | 40.50 | 36.80 | ★ |
| Port Arthur West Turning Basin | 8-May-13 | 350-735 | 0.3 | 40 | 32.10 | 31.70 | 35.40 | 35.30 | ★ |
| Channel from Port Arthur West Turning Basin to Taylors Bayou Turning Basin | 8-May-13 | 200-350 | 0.6 | 40 | 29.00 | 28.70 | 37.30 | 37.00 | ★ |
| Taylors Bayou Turning Basin | 8-May-13 | 90-1233 | 0.7 | 40 | 20.10 | 20.60 | 36.60 | 34.20 | ★ |
| 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 | 23-Apr-13 | 400 | 9.58 | 40 | 24.90 | 25.20 | 24.80 | 23.20 | ★ |
| Turning Basin at Deer Bayou | 23-Apr-13 | 700 | 0.30 | 40 | 37.70 | 35.30 | 33.60 | 33.60 | ★ |
| Turning Basin at Smiths Bluff | 23-Apr-13 | 1400-400 | 0.24 | 40 | 40.80 | 40.60 | 39.70 | 39.30 | ★ |
| Smith Bluff Cut-off to Maneuvering Area at Beaumont Turning Basin | 23-Apr-13 | 400 | 8.40 | 40 | 30.10 | 33.20 | 33.00 | 20.60 | ★ |
| Turning Basin @ mile 40.3 | 23-Apr-13 | 400-1306 | 0.28 | 40 | 30.10 | 33.20 | 33.00 | 35.50 | ★ |
| Channel Extension C | 23-Apr-13 | 350 | 0.23 | 36 | 32.60 | 32.80 | 32.60 | 32.60 | ★ |
| Maneuvering Area at Beaumont Turning Basin | 23-Apr-13 | varies | 0.40 | 40 | 42.50 | 30.20 | 35.60 | 35.70 | ★ |
| 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 | 23-Apr-13 | 300 | 0.31 | 34 | 36.50 | 20.60 | 33.60 | 33.40 | ★ |
| Beaumont Turning Basin to vicinity of Bethlehem Shipyards | 23-Apr-13 | 200 | 1.13 | 30 | 22.90 | 29.60 | 26.10 | 26.70 | ★ |
| 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 | 6-Jun-13 | 5243-300 | 0.50 | 40 | 40.27 | 41.74 | 37.07 | 36.71 | ★ |
| Entrance Channel | 14-Mar-13 | 300 | 3.12 | 40 | 33.8 | 39.42 | 39.42 | 33 | ● |
| Turning Basin | 5-Jun-13 | 300-1600 | 0.46 | 40 | 36.14 | 36.14 | 36.92 | 34.5 | ★ |

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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 | 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 | 29-May-13 | 700-600 | 2.79 | 47 | 47.63 | 49 | 49 | 46.43 | ★ |
| Jetty Channel | 29-May-13 | 600 | 1.28 | 47-45 | 49 | 49 | 49 | 49 | ★ |
| Inner Basin at Harbor Island | 29-May-13 | 600-1559 | 0.63 | 45 | 46 | 49 | 49 | 44 | ★ |
| Inner Basin at Main Channel | 29-May-13 | 600 | 0.63 | 45 | 47 | 47 | 47 | 47 | ★ |
| Humble Basin to Junction at La Quinta Channel | 29-May-13 | 600-500 | 10 | 45 | 43.22 | 46.5 | 46.5 | 45 | ★ |
| La Quinta Channel Junction to Bcn. 82 | 25-May-13 | 400 | 9.66 | 45 | 41.4 | 52 | 52 | 41.79 | ★ |
| 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 | 25-May-13 | 300-400 | 5.49 | 45 | 43.3 | 44.0 | 44.8 | 40.2 | ★ |
| 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 | 7-Mar-13 | 300 | 1.9 | 44 | 45 | 43 | 42 | 40 | ☐ | |
| Jetty Channel | 22-May-13 | 300-400 | 1.9 | 42 | 41.8 | 44.2 | 43.3 | 41.2 | ☐ | |
| 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 | 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 | ★ | |

