

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

JANUARY 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

| JANUARY 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 | 13-Sep-13 | 800 | 3.4 | 42 | 41.10 | 40.80 | 36.70 | 33.70 | ☐ |
| Jetty Channel | 15-Jan-14 | 800-500 | 4.1 | 40 | 29.80 | 30.00 | 30.10 | 29.70 | ★ |
| Pass Channel | 13-Sep-13 | 500-1150 | 5.6 | 40 | 24.20 | 24.20 | 23.50 | 23.00 | ☐ |
| 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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| | | | | | Qtr (Feet) | Qtr (Feet) | Qtr (Feet) | Qtr (Feet) | |
| 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 | ☐ | |

