Gulf Intracoastal Waterway: Across Aransas Bay

Additional Imagery: © DigitalGlobe Inc.

Notes:

1. Horizontal Coordinates are referenced to Texas State Plane Coordinate System, South Central Zone NAD83 US Survey Feet.
2. Elevations are referenced to Mean Lower Low Tide (MLLW) datum.
3. This project was designed by the Galveston District of the U.S. Army Corps of Engineers. The initials and signatures and registration information provided here are required by 33 CFR 209.325.

4. The information depicted on this survey map represents the results of surveys and surveys conducted by the NOAA National Ocean Service/Coast Survey, available from this web site.
5. For the most up to date information please check our web site at: http://www.naval-oceanographic.org/surveys.
6. NOAA bathymetry contours produced from historic bathymetric (hydrographic) surveys conducted by the NOAA national ocean service/coast survey, available from our web site.

Survey Date(s): HYDROGRAPHIC SURVEY
Station: 1178+000 to 1236+611

Map: Additional Imagery: © DigitalGlobe Inc.

Scale: 1:2,400
Print Date: 10/22/2020

Environmental and Safety Measures:
- Surveillance Camera: Not Applicable
- Safety Vessel/Boat: None
- Marine Protection Plan: None
- Marine Debris Plan: None
- Marine Impact Assessment: None
- Marine Mammals: Not Applicable
- Other: Not Applicable

Hazardous Materials:
- Oils and Petroleum: None
- Other: None

Powers of Attorney:
- None

Additional Info:
- Additional Imagery: © DigitalGlobe Inc.
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2. ELEVATIONS ARE REFERENCED TO MEAN LOWER LOW TIDE (MLLW) DATUM.

3. THIS PROJECT WAS DESIGNED BY THE GALVESTON DISTRICT OF THE U.S. ARMY CORPS OF ENGINEERS.

1. HORIZONTAL COORDINATES ARE REFERENCED TO TEXAS STATE PLANE COORDINATE SYSTEM.

4. THE INFORMATION DEPICTED ON THIS SURVEY MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME. THESE CONDITIONS ARE SUBJECT TO RAPID CHANGE DUE TO SHOALING EVENTS. A PRUDENT MARINER SHOULD NOT RELY EXCLUSIVELY ON THE INFORMATION PROVIDED HERE. REQUIRED BY 33 CFR 209.325

5. FOR THE MOST UP TO DATE INFORMATION PLEASE CHECK OUR WEBSITE AT: HTTP://WWW.SWG.USACE.ARMY.MIL/MISSIONS/NAVIGATION/HYDROGRAPHICSURVEYS/

6. NOAA BATHYMETRY CONTOURS PRODUCED FROM HISTORIC BATHYMETRIC (HYDROGRAPHIC) SURVEYS CONDUCTED BY THE NOAA NATIONAL OCEAN SERVICE/COAST SURVEY, AVAILABLE FROM NOAA WEBSITE.

THE SCOPE OF THEIR EMPLOYMENT AS REQUIRED BY ER1110-1-8152.

4.50 - 0.10

3.00 - 0.50
Gulf Intracoastal Waterway: Across Aransas Bay

Channel Features
- Regional Extent
- Design Reach Extent

Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet

No. 1 Gulf Intracoastal Waterway: Across Aransas Bay

GIWW, Texas

Regional Extent

Design Reach Extent

Channel Features
- Channel Center Line
- Channel Station Lines
- Channel Toe
- Channel Depths (H) (feet)
- Channel Width (feet)
- Channel Baseline

Additional Info:

- Mapped by: M3AOXPAC
- Print Date: 10/22/2020
- Scale: 1:2,400
- Map: 91°58'30"W 25°30'0"N
- NOAA Bathymetry (DREDGING REACH EXTENT)

Accuracies:
- Vertical: 0.25 ft
- Horizontal: 0.5 ft

Sounding Accuracy:
- 10 - 12 ft
- 13 - 15 ft
- 16 - 18 ft

Bathymetric Contours:
- 4 - 6 ft
- 8 - 10 ft

Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

Additional Credits:
- NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Hydrographic Survey

Map:
- 96°58'30"W 25°30'0"N
- 28°4'0"N

Survey Dates: 22 October 2020

Hydrographic Survey: 0.5 µ

This project was designed by the Galveston District of the U.S. Army Corps of Engineers.

Channel Dimensions
- Depth
- Width

Side Slope Ratio: (Rise : Run)

The Scope of Their Employment as Required by ER1110-1-8152.

DESIGNATIONS OF INDIVIDUALS APPEAR ON THESE PROJECT DOCUMENTS WITHIN 3. THIS PROJECT WAS DESIGNED BY THE GALVESTON DISTRICT OF THE U.S. ARMY SYSTEM, SOUTH CENTRAL ZONE NAD83 US SURVEY FEET.

1. Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Central Zone NAD83 US Survey Feet.

4. The information depicted on this survey map represents the results of surveys made on the dates indicated and can only be considered as indicating the general 6. NOAA Bathymetry contours produced from historic bathymetric (Hydrographic) surveys conducted by the NOAA National Ocean Service/Coast Survey, available from surveys vary as to sounding density, due to shoaling events. A prudent mariner should not rely exclusively on the national Geophysical Data Center. Surveys conducted by the NOAA National Ocean Service/Coast Survey, available from the National Geophysical Data Center. Surveys vary as to sounding density, due to shoaling events. A prudent mariner should not rely exclusively on the GIWW, Texas.
Gulf Intracoastal Waterway: Across Aransas Bay
Gulf Intracoastal Waterway: Across Aransas Bay

Channel Features

- Channel Center Line
- Channel Station Lines
- Channel Features

Notes:

1. Horizontal coordinates are referenced to Texas State Plane Coordinate System NAD 1983 StatePlane Texas South Central FIPS 4204 Feet.
2. Elevations are referenced to Mean Lower Low Tide (MLLW) datum.
3. This Project was designed by the Galveston District of the U.S. Army Corps of Engineers. The initials and signatures and registration numbers of individuals appear on these project documents within the Corps of Engineers. The initial and signature and registration number of the person whose signature appears on this plan shall not be used after the date of the last survey on this plan unless the plan is resurveyed to an accuracy no lower than the accuracy of the last survey on this plan.

Aids to Navigation

- Lights
- Red Side Aids
- MLLW
- NOAA Bathymetry (Dredging Reach Extent)

Survey Date(s):

- Authorized Depth: -14ft.
- Print Date: 10/22/2020

Map Scale:

1:2,400

Additional Information:

- Surveyed by: M3AOXPAC
- Project Code: 20170020
- Mapped by: M3AOXPAC

For the most up-to-date information please check our website at:


Dredging Reach Extent

- NOAA Bathymetry Contours produced from historic bathymetric (hydrographic) surveys
- Dredging Reach Extent
- Mapped by: M3AOXPAC
- Project Code: 20170020
- Mapped by: M3AOXPAC

Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

User Community

- Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community

NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community