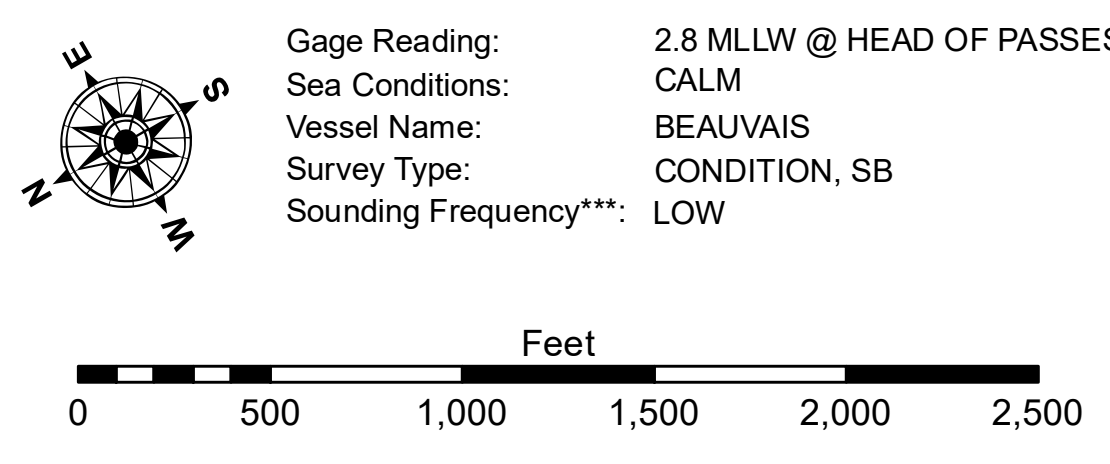


| LEGEND | | | |
|--------|--------------------------------|--|-----------------------|
| | Federal Navigation Channel | | Placement Area |
| | Federal Navigation Center Line | | Borrow Area |
| | As-built Pipeline/Cable | | Shoalest Sounding** |
| | Unconfirmed Pipeline/Cable | | Beacon, General |
| | Project Depth Contour | | Red Navigation Buoy |
| | Cable Area | | Green Navigation Buoy |
| | Anchorage Area | | |
| | Obstruction Point | | |
| | Wrecks-Submerged | | |



NOTES:
 Horizontal Coordinate System: North American Datum of 1983 (NAD83), projected to the State Plane Coordinate System (SPCS), Louisiana South Zone. Distance units in U.S. Survey Feet.
 Vertical Datum: Soundings are shown in feet and indicate depths below Mean Lower Low Water (MLLW, 07-11). Datum Relationships for gage 01545 as of July 2015: 0.0' NAVD86 = -0.18' MLLW = 3.32' MLG
 Distances on the Mississippi River, above and below Head of Passes are shown at 1 mile intervals.
 The location of navigation aids are base on and provided by the U.S. Coast Guard.
 2016 Aerial Photography data source: Precision Aerial Reconnaissance, LLC (1998 DOQQ in green)
 Reference is N.O.A. Navigation Chart No. 11361.
 ** Shoalest Sounding per Quarter per Reach.
 *** High frequency (200 kHz) survey data represents the first signal return at a sounding location and will include suspended solids, known as "fluff", if present. Low frequency (24 kHz) survey data normally penetrates through this "fluff" layer to depict elevations of consolidated bottom material. Low frequency accuracies may vary depending on channel conditions and fathometer settings.



DISTRIBUTION LIABILITY: The data represents the results of data collection/processing for a specific US Army Corps of Engineers project. It is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results of any use of the data for other than its intended purpose.
 Data Constants: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging activities, channel migration, and changes in the hydrographical conditions which develop after the date of the survey. The user is responsible for the results of any use of the data for other than its intended purpose.
 The information depicted on the map represents the results of a survey conducted on or about the date indicated. It is not to be considered as a representation of the general condition existing at that time.

| U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT | | |
|--|--------------------------|--------------------------------------|
| Submitted: | Surveyed By: JH & MGF | Checked By: MSK |
| Recommended: | Plotted By: RSL | |
| Approved: | Chief, Survey Section | Chief, Waterways Maintenance Section |

**MISSISSIPPI RIVER - B. R. TO GULF
 SOUTHWEST PASS - SHEET 7
 SW_07_SWP_20190605_CS
 05 June 2019**

**Sheet Reference Number
 7 of 13**