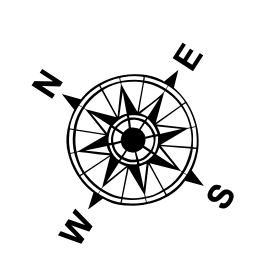


LEGEND			
--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	■ -5' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	■ -5' to -10'
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	■ -10' to -15'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	■ -15' to -20.5'
— Project Depth Contour	✈ Wrecks-Submerged	◆ Green Navigation Buoy	■ -20.5' and below



Gage Reading: 1.1 MLLW @ DM 10 @ 1130  
 Sea Conditions: CALM  
 Vessel Name: OB-173  
 Survey Type: CONDITION, SB  
 Sounding Frequency\*\*\*: LOW



**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 Datum (MLLW). Datum Relationships for gage 01840 as of Jan 2022: 0.0' NAVD83 = 0.0' MLLW  
 Distances on the Mississippi River, above and below Head of Passes are shown at 1 mile intervals.  
 The location of navigation aids are based on and provided by the U.S. Coast Guard.  
 2022 Aerial Photography data source: Optimal GEO (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 (20 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.



**DISCLAIMER:**  
 The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not warranted for any purpose other than that for which they were prepared, or implied concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the recipient. The user is responsible for the results of any use of the data under no liability whatsoever to any person by reason of any use of the data. These data are being made available to the public under the provisions of the Government Information Policy. The recipient may not transfer these data to others without also transferring the Disclaimer. The information depicted on the map represents the results of a survey conducted on the ground and is not to be considered a representation of the general condition existing at that time.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT			
Submitted:	Surveyed By: JUC & LLB	Plotted By: TSS	Checked By: MSK
Recommended:	Chart Survey Section		
Approved:	Chart Waterways Maintenance Section		

**MISSISSIPPI RIVER - B.R. TO GULF  
 SOUTH PASS - SHEET 3  
 SP\_03\_SPS\_20230719\_CS  
 19 July 2023**

**Sheet Reference Number  
 3 of 6**