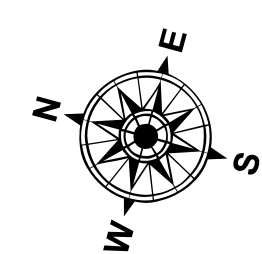
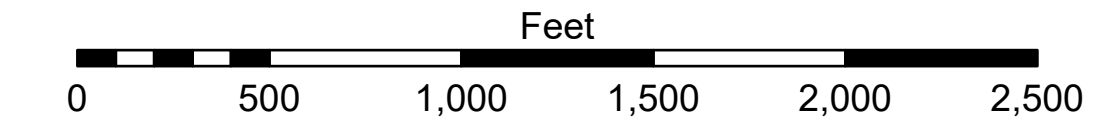


LEGEND	
--- Federal Navigation Channel	● Cable Area
— Federal Navigation Center Line	■ Placement Area
— As-built Pipeline/Cable	□ Anchorage Area
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point
— Project Depth Contour	⚓ Wrecks-Submerged
3 Fluff Thickness (feet)*	★ Beacon, General
□ Borrow Area	◆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



Gage Reading: 1.1 MLLW @ H.O.P. (01545 OD) @ 0900
 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: Mean Lower Low Water (MLLW).
 Soundings are shown in feet and indicate depths below Mean Lower Low Water (MLLW). Datum Relationships for gage 01545 as of March 2020: 0.0' NAVD83, 2020 = -0.32' MLLW.
 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.
 2024 Aerial Photography data source: Optimal GEO (1998 DOQQ in green)
 Reference is N.O.A.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 United States Government makes no warranty, expressed or implied concerning the accuracy, completeness, reliability, or timeliness of the data furnished. The United States Government is not liable for any damages, including consequential, arising out of the use of the data furnished. The recipient may not transfer these data to others without obtaining the permission of the Government. The information depicted on this map represents the results of a survey conducted under contract to the United States Army Corps of Engineers. The information is for informational purposes only and is not to be used for any other purpose. The information is not to be used for any other purpose. The information is not to be used for any other purpose.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Submitted By:	JTB & DED
Plotted By:	TSS
Recommended By:	Chief, Survey Section
Approved By:	Chief, Waterways Maintenance Section

**MISSISSIPPI RIVER - B. R. TO GULF
 SOUTH PASS - SHEET 1
 SP_01_SPS_20241002_CS
 02 October 2024**

**Sheet
 Reference
 Number
 1 of 6**

Revision Number:
 5.23.12.3-23.12.3