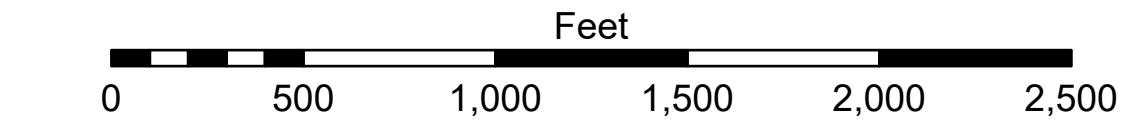
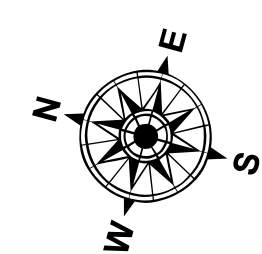


LEGEND

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



Gage Reading: 1.3 MLLW @ H.O.P. (01545 OD) @ 0835
 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, timeliness, or the use of the data. The user is responsible for the results of the application of the data for other than its intended purpose. The United States Government is not liable for any damage or injury, including death or personal injury, resulting from the use of the data. The user is responsible for the results of the application of the data for other than its intended purpose. The United States Government is not liable for any damage or injury, including death or personal injury, resulting from the use of the data. The user is responsible for the results of the application of the data for other than its intended purpose.

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, timeliness, or the use of the data. The user is responsible for the results of the application of the data for other than its intended purpose. The United States Government is not liable for any damage or injury, including death or personal injury, resulting from the use of the data. The user is responsible for the results of the application of the data for other than its intended purpose.

Submitted:	Surveyed By:	JTB & DED
Recommended:	Plotted By:	TSS
Approved:	Chief, Survey Section	MSK
Checked By:	Other, Waterways Maintenance Section	

**MISSISSIPPI RIVER - B. R. TO GULF
 SOUTH PASS - SHEET 1
 SP_01_SPSX_20240917_CS
 17 September 2024**

**Sheet
 Reference
 Number
 1 of 6**

Revision Number:
 5.23.12.3-23.12.3