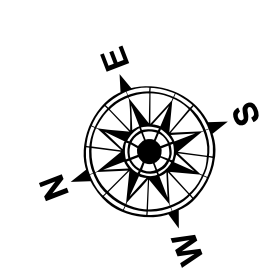
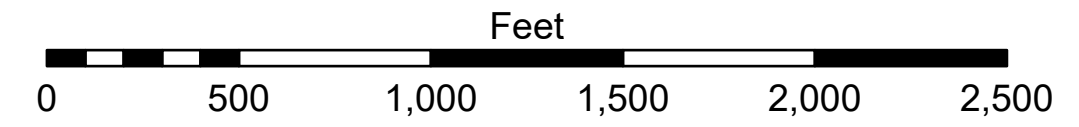


LEGEND		3 Fluff Thickness (feet)*	
--- Federal Navigation Channel	○ Cable Area	Blue box	Borrow Area
— Federal Navigation Center Line	□ Placement Area	Yellow circle	Shoalest Sounding**
— As-built Pipeline/Cable	□ Anchorage Area	Star	Beacon, General
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	Red diamond	Red Navigation Buoy
— Project Depth Contour	⚓ Wrecks-Submerged	Green diamond	Green Navigation Buoy



Gage Reading: 1.1 MLLW @ EAST JETTY (01670) @ 0933
 Sea Conditions: CALM
 Vessel Name: OB-173 & TOBIN
 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: 1.1 MLLW @ EAST JETTY (01670) @ 0933
 Soundings are shown in feet and indicate depths below Mean Lower Low Water (MLLW, 12-16). Datum Relationships for gage 01670 as of March 2020: 0.0' NAVD83, 2009.55 = 0.79' MLLW = 4.29' 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.
 2024 Aerial Photography data source: Optimal GEO (1998 DQQ 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.



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 data furnished. The United States Government under no liability whatsoever to any person by reason of any use of these data, and the recipient agrees not to represent these data to anyone as other than Government provided data. The recipient may not transfer these data to others without also transferring the disclaimer. The information depicted on this map represents the results of a hydrographic survey conducted on the date indicated. It is not intended to represent the general condition existing at that time.

U.S. ARMY CORPS OF ENGINEERS	
Submitted:	Surveyed By: JTB & JJC
Recommended:	Plotted By: TSS
Approved:	Chief, Survey Section
Checked By:	MSK
Other, Waterways Maintenance Section	

**MISSISSIPPI RIVER - B. R. TO GULF
 SOUTHWEST PASS - SHEET 13
 SW_13_SWPX_20240813_CS
 13 August 2024**

**Sheet Reference Number
 13 of 13**

Revision Number: 5.23.12.3-3.23.12.3