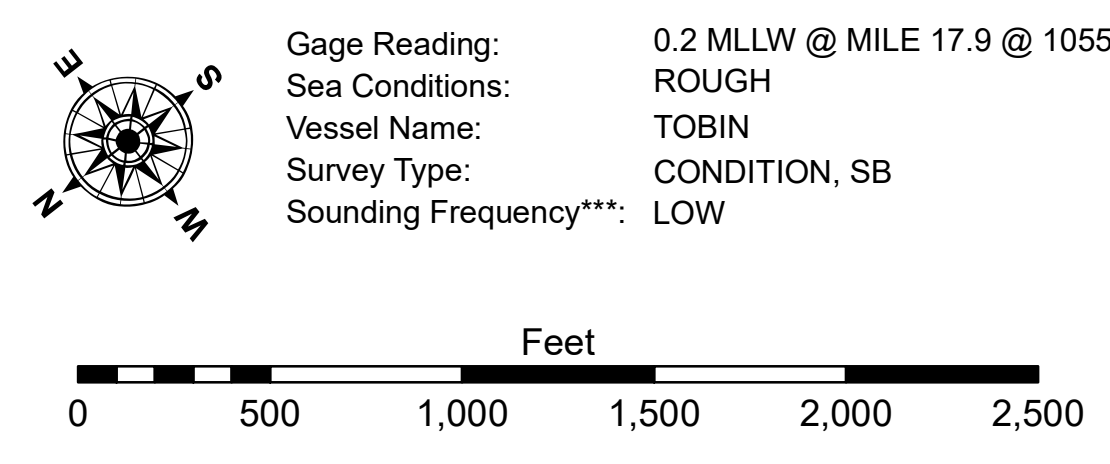


LEGEND

--- Federal Navigation Channel	● Cable Area	□ Borrow Area	■ -10' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	■ -10' to -20'
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	■ -20' to -30'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	■ -30' to -40'
— Project Depth Contour	★ Wrecks-Submerged	◆ Green Navigation Buoy	■ -40' to -45'
			■ -45' to -50'
			■ -50' to -55'
			■ -55' and below



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, 12-16). Datum Relationships for gage 01670 as of March 2020: 0.0' NAVD86, 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.
 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 (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.



DISTRICT: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were originally collected, expressed, or implied concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the user. The user is responsible for the results of any use of the data. The user agrees to indemnify and hold the U.S. Army Corps of Engineers harmless from and against all claims, damages, losses, and expenses, including reasonable attorneys' fees, that may be incurred by the U.S. Army Corps of Engineers as a result of the use of the data for any purpose other than that for which they were originally collected, expressed, or implied. The information depicted on this map represents the results of a survey conducted by the U.S. Army Corps of Engineers and is not to be used for any purpose other than that for which it was originally collected, expressed, or implied. The user is responsible for the results of any use of the data. The user agrees to indemnify and hold the U.S. Army Corps of Engineers harmless from and against all claims, damages, losses, and expenses, including reasonable attorneys' fees, that may be incurred by the U.S. Army Corps of Engineers as a result of the use of the data for any purpose other than that for which they were originally collected, expressed, or implied.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:	Surveyed By: JH & RCC
Recommended: Chief, Survey Section	Plotted By: TSS
Approved: Chief, Waterways Maintenance Section	Checked By: MSK

**MISSISSIPPI RIVER - B. R. TO GULF
 SOUTHWEST PASS - SHEET 12
 SW_12_SWP_2024011_CS
 11 January 2024**

**Sheet Reference Number
 12 of 13**

Revision Number: 4.2-20240420