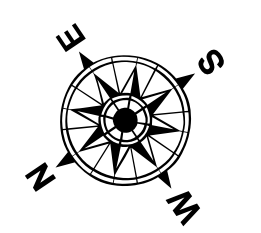
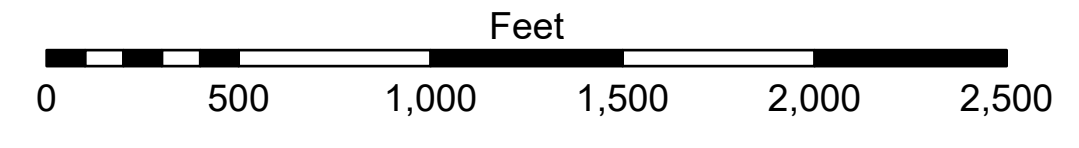


LEGEND		3 Fluff Thickness (feet)*	
--- Federal Navigation Channel	○ Cable Area	Blue	-10' and above
— Federal Navigation Center Line	□ Placement Area	Orange	-10' to -20'
— As-built Pipeline/Cable	□ Anchorage Area	Yellow	-20' to -30'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	Light Green	-30' to -40'
— Project Depth Contour	⚓ Wrecks-Submerged	Green	-40' to -45'
		Cyan	-45' to -50'
		Dark Cyan	-50' to -55'
		Blue	-55' and below
		Blue Box	Borrow Area
		Yellow Star	Shoalest Sounding**
		Star	Beacon, General
		Red Diamond	Red Navigation Buoy
		Green Diamond	Green Navigation Buoy



Gage Reading: 1.2 MLLW @ MM 7.5 LT-21 (01575) @ 1115
 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, 12-15).
 Soundings are shown in feet and indicate depths below Mean Lower Low Water (MLLW, 12-15).
 Datum Relationships for gage 01575 as of March 2020:
 0.0' NAVD83, 2009.55 = 0.10' MLLW = 3.60' 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 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 (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 data represented by this map is the result of a survey conducted for a specific purpose and is not intended for any other use. The user is responsible for the results of any application of the data for other than its intended purpose. The Corps of Engineers does not warrant the accuracy of the data for any other use. The Corps of Engineers is not responsible for any damage or injury resulting from the use of this data for any purpose other than that for which it was collected.

DISCLAIMER: The United States Government furnishes these data and the recipient is responsible for their use. The recipient is responsible for the accuracy, completeness, and timeliness of the data furnished. The United States Government makes no warranty, express or implied, concerning the accuracy, completeness, and timeliness of the data furnished. The recipient is responsible for the accuracy, completeness, and timeliness of the data furnished. The recipient is responsible for the accuracy, completeness, and timeliness of the data furnished. The recipient is responsible for the accuracy, completeness, and timeliness of the data furnished.

Submitted:	Surveyed By: JTB & MGF
Recommended:	Plotted By: LLD
Approved:	Checked By: MSK

U.S. ARMY CORPS OF ENGINEERS
 NEW ORLEANS DISTRICT

**MISSISSIPPI RIVER - B. R. TO GULF
 SOUTHWEST PASS - SHEET 8
 SW_08_SWPX_20241003_CS
 03 October 2024**

**Sheet Reference Number
 8 of 13**

Revision Number:
 5.23.12-3.23.12.3