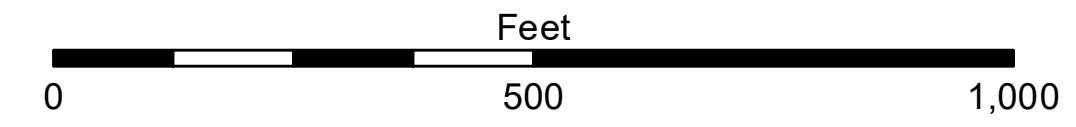
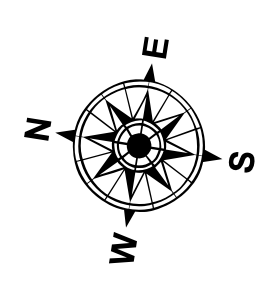


LEGEND

--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	■ -12' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	□ -12' and below
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	
— Project Depth Contour	⚓ Wrecks-Submerged	◆ Green Navigation Buoy	



Gage Reading: BSLFS: 6.43 MLG AVG.
 Sea Conditions: CALM
 Vessel Name: OB-189
 Survey Type: CONDITION
 Sounding Frequency***: HIGH

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 Low Gulf Datum (MLG).
 Distances on the G.I.W.W. are shown at 1 mile intervals.
 The location of navigation aids are base on and provided by the U.S. Coast Guard and USACE survey crews.
 2010 Aerial Photography data source: NAIP
 Reference is N.O.A.A. Navigation Chart No. 11354.
 ** 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 Government makes no warranty, expressed or implied, as to the accuracy, completeness, or reliability of the data for any purpose other than that for which it was prepared. The user is responsible for the results of any use of the data for other than the intended purpose.
 Data Constraints: Hydrographic survey data is subject to change rapidly due to several factors including, but not limited to, changing hydrological conditions which develop after the date of the survey, changes in channel conditions, and changes in the bathymetry of the area. The user is responsible for changes in the hydrological conditions which develop after the date of the survey. Problem maintainers should not rely solely on this internal use. Problem maintainers should not rely solely on this internal use.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Submitted:	Surveyed By: CHAMPINE/ADAMS	Plotted By: BD
Recommended:	Chief, Survey Section	Checked By: AOJH
Approved:	Chief, Waterways Maintenance Section	

**GULF INTRACOASTAL WATERWAY
 MORGAN CITY TO PORT ALLEN ROUTE
 MP_17_BSO_20250214_CS
 14 February 2025**

**Sheet Reference Number
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