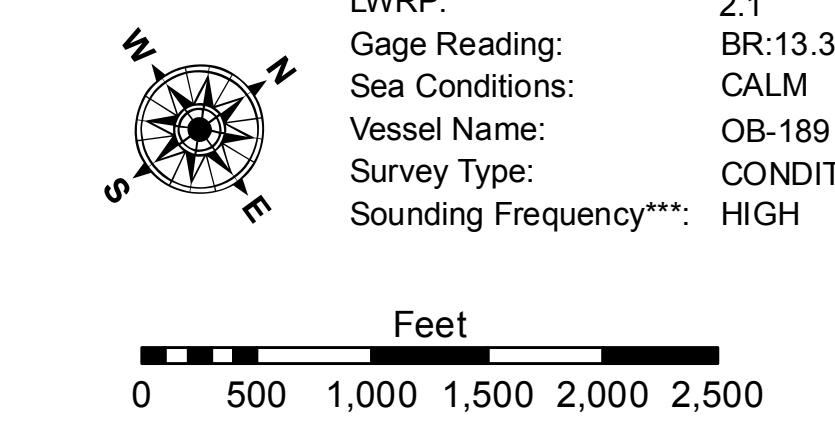


LEGEND	
— Federal Navigation Channel	○ Cable Area
— Federal Navigation Center Line	■ Placement Area
— As-built Pipeline/Cable	□ Anchorage Area
..... Unconfirmed Pipeline/Cable	★ Beacon, General
— Project Depth Contour	✖ Obstruction Point
	◆ Red Navigation Buoy
	◆ Green Navigation Buoy

**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 Low Water Reference Plane 2007 (NAVD). 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 and USACE crew. 2015 Aerial Photography data source: NAIP, USDA-FSA-AFPO Aerial Photography Field Office.

Reference is N.O.A.A. Navigation Chart No. 11370.

** 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.



Distribution liability: The data represents the results of data collection/processing of a specific US Army Corps of Engineers activity and indicates the general accuracy conditions as such. The data is not necessarily suitable for specific applications. The user is responsible for the results of any use of the data. The user is responsible for the results of any use of the data. Data Constraints: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging and filling operations and coastal processes. The U.S. Army Corps of Engineers and the State of Louisiana do not assume responsibility for the hydrographic conditions which develop after the date of publication. This data is intended for U.S. Army Corps of Engineers internal use. Private individuals should not rely upon it.

U.S. ARMY CORPS OF ENGINEERS	
NEW ORLEANS DISTRICT	
Surveyed By:	RYLAND/SONNIER
Submitted:	
Recommended:	
Chief Survey Section:	
Approved:	Chief Waterways Maintenance Section

MISSISSIPPI RIVER - B.R. TO GULF
BAYOU GOULA CROSSING
MD_13_GOU_20210918_CS
18 September 2021

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