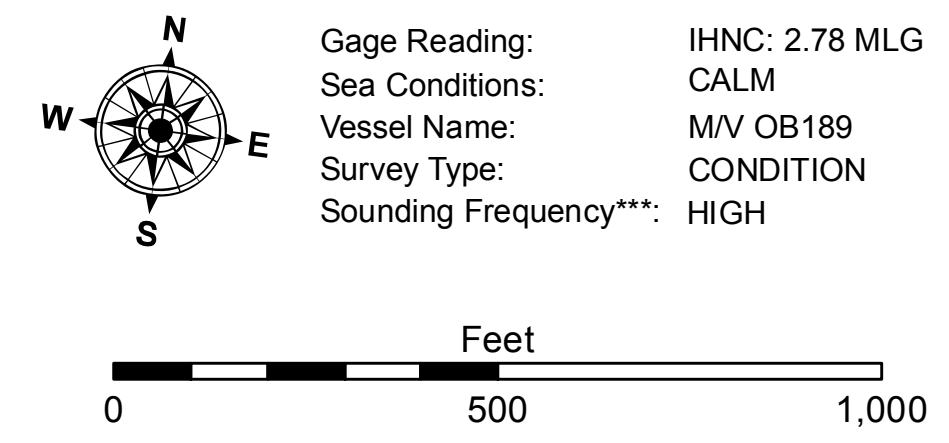


**LEGEND**

--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	■ -33' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	■ -33' to -36'
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	■ -36' to -38'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	■ -38' and below
— Project Depth Contour	⚓ Wrecks-Submerged	◆ 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 Mean Low Gulf Datum (MLG).

The location of navigation aids are base on and provided by the U.S. Coast Guard.

2010 Aerial Photography data source: NAIP. 1998 DOQQ imagery shown in green from USGS.

Reference is N.O.A.A. Navigation Chart No. 11367 and 11368.

\*\* 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, concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the information. The user is responsible for the results. The application of the data for other than its intended purpose is at the user's risk. The user shall be held responsible for any damage or injury resulting from the use of the data. The information depicted on this map represents the results of a survey conducted on the ground. The user is responsible for the accuracy of the information. The user shall be held responsible for any damage or injury resulting from the use of the data. The information depicted on this map represents the results of a survey conducted on the ground. The user is responsible for the accuracy of the information. The user shall be held responsible for any damage or injury resulting from the use of the data.

Submitted:	RYLAND/SONNIER
Recommended:	BYD
Checked:	RY

U.S. ARMY CORPS OF ENGINEERS  
NEW ORLEANS DISTRICT

**GULF INTRACOASTAL WATERWAY**

MRGO

GE\_05\_MRG\_20160127

27 January 2016

**Sheet Reference Number**

5 of 24