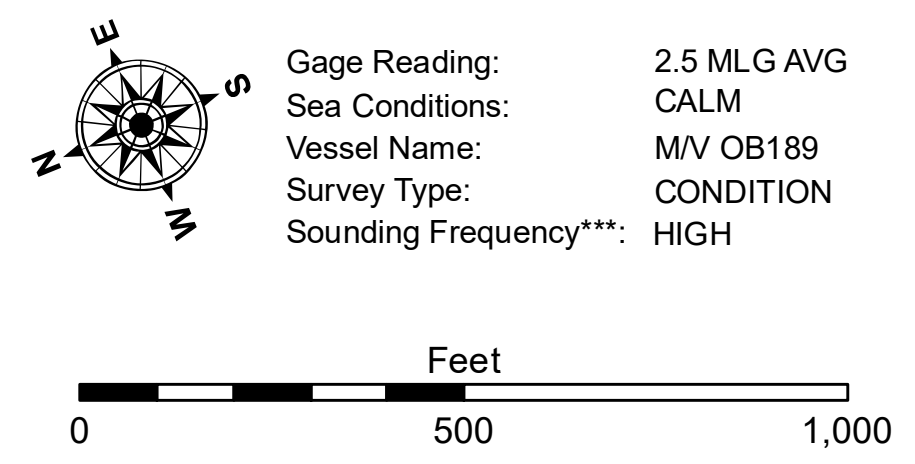


**LEGEND**

--- Federal Navigation Channel	○ Cable Area	□ Borrow Area
— Federal Navigation Center Line	■ Placement Area	● Shoalest Sounding**
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy
— Project Depth Contour	✈ Wrecks-Submerged	◆ Green Navigation Buoy
		■ -15' and above
		□ -15' 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 Low Gulf Datum (MLG).

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

2015 Aerial Photography data source: NAIP. 1998 DOQQ imagery shown in green from USGS.

Reference is N.O.A. Navigation Chart No. 11344 and 11348.

\*\*\* 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:**

Access Conditions: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that they are for informational purposes only and are not to be used for any other purpose. The user is responsible for the results, reliability, usability or suitability for any particular purpose of the data. The United States Government makes no warranty, express or implied, concerning the accuracy, completeness, timeliness, or availability of the data. The United States Government is not liable for any damages or losses, including consequential damages, arising from the use of the data. The information depicted on this map represents the results of a survey conducted by the United States Army Corps of Engineers. The information is not to be used for any purpose other than that for which it was collected. The information is not to be used for any purpose other than that for which it was collected. The information is not to be used for any purpose other than that for which it was collected.

U.S. ARMY CORPS OF ENGINEERS  
NEW ORLEANS DISTRICT

Submitted:	Surveyed By: RYLANDSONNIER
Recommended: Chet, Survey Section	Plotted By: AO
Approved: Chet, Waterways Maintenance Section	Checked By: AO

**MERMEN TAU RIVER  
LOWER RIVER  
MM\_13\_LWR\_20190305\_CS\_B2B  
05 March 2019**

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