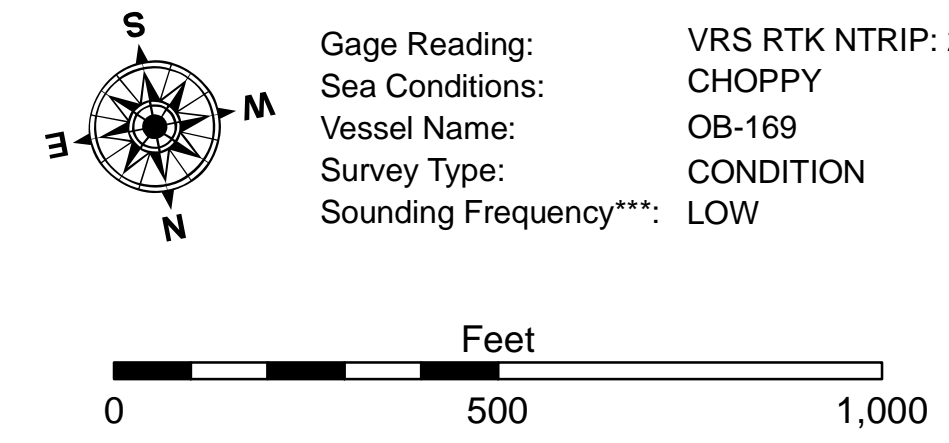


LEGEND

--- 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



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.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:

The data represented on this map was derived from a collection of data for a specific US Army Corps of Engineers project. The data is only valid for its intended use, and its accuracy is not guaranteed. The user is responsible for the results of their use. The application of the data for other than its intended purpose is not recommended. Data Collection: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to changing bathymetry, sedimentation, and other factors. The user is responsible for the results of their use. The US Army Corps of Engineers does not accept responsibility for changes in the hydrographic conditions when developed after the date of the data collection. The user is responsible for the results of their use. The information depicted on this map represents the results of a survey conducted on the ground and is not to be considered as a representation of the general condition existing at that time.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:	Surveyed By: SPSR
Recommended:	Plotted By: BD
Approved:	Checked By: AC

**MERMENTAU RIVER
LOWER RIVER
MM_05_LWR_20230320_CS
20 March 2023**

**Sheet
Reference
Number
5 of 25**