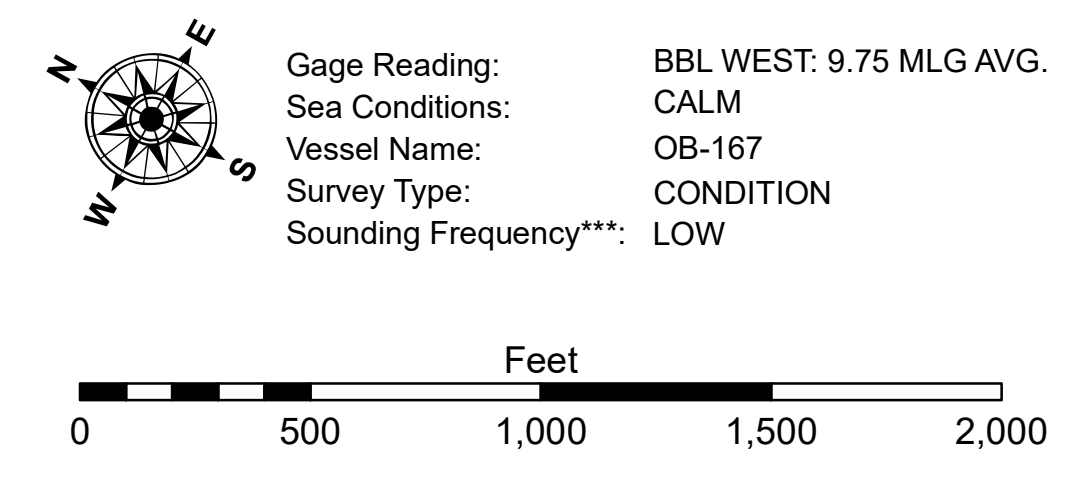


**LEGEND**

--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	□ -10' and above
— Federal Navigation Center Line	■ Placement Area	● Shoalest Sounding**	□ -10' to -12'
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	□ -12' to -15'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	□ -15' to -18'
— Project Depth Contour	⚓ Wrecks-Submerged	◆ Green Navigation Buoy	□ -18' to -20'
			□ -20' 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). Datum Relationships for Lower Atchafalaya River at Morgan City (03780) as of 2017: 0.0' NAVD88 (2009.55) = 1.89' 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. 11355.

\*\* 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 data are not to be used for any purpose other than that for which they were originally collected, processed, or disseminated. The user is responsible for the accuracy, completeness, reliability, usability or suitability, for any particular purpose of the data. The user is responsible for the application of the data for other than its intended purpose.

Data Constraints: 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 accuracy of the data. The user is responsible for the application of the data for other than its intended purpose.

The information depicted on this map represents the results of a survey conducted on or about the date of the survey. The user is responsible for the accuracy of the data. The user is responsible for the application of the data for other than its intended purpose.

U.S. ARMY CORPS OF ENGINEERS  
NEW ORLEANS DISTRICT

Submitted:	Surveyed By:
Recommended:	Plotted By:
Approved:	Checked By:

Chief, Survey Section  
Chief, Waterways Maintenance Section

**ATCHAFALAYA RIVER  
BERWICK HARBOR  
AS\_06\_BER\_20190606\_CS  
06 June 2019**

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