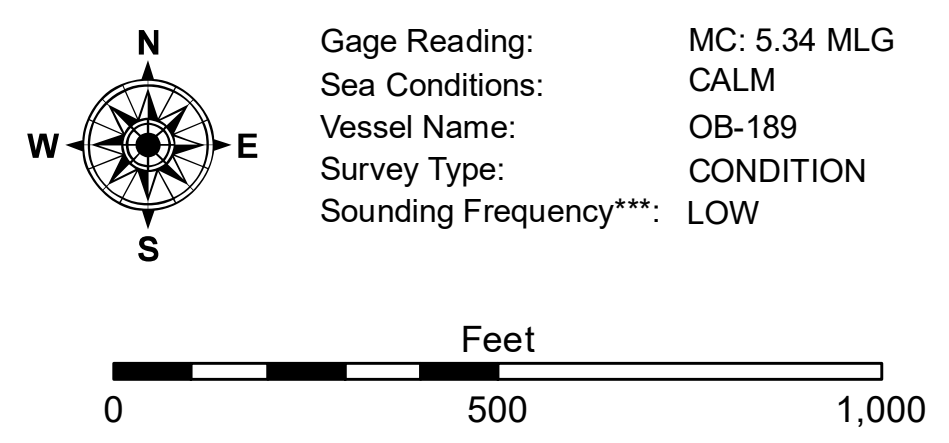


LEGEND

--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	■ -12' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	□ -12' and below
— 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). Datum Relationships for Lower Atchafalaya River at Morgan City (03780) as of 2017: 0.0' NAVD83 (2009.55) = 1.89' MLG.
 The location of navigation aids are based 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. 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.



Accession: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that they are for official use only and are not to be distributed, copied, or used for any purpose other than that for which they were prepared. The user is responsible for the results obtained from the application of the data for other than its intended purpose.
Data: Contaminated Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging operations, sedimentation, and other changes in the hydrographic conditions when developed after the date of the survey. The user is responsible for the results of a survey conducted under these conditions. The user is responsible for the results of a survey conducted under these conditions. The user is responsible for the results of a survey conducted under these conditions.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Submitted:	Surveyed By: SP/JA	Plotted By: AO
Recommended: Chief Survey Section	Checked By: AC	Checked By: AC
Approved: Chief Waterways Maintenance Section		

GULF INTRACOASTAL WATERWAY
20 GRAND POINT
GI_67_BBW_20181120_CS
20 November 2018

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