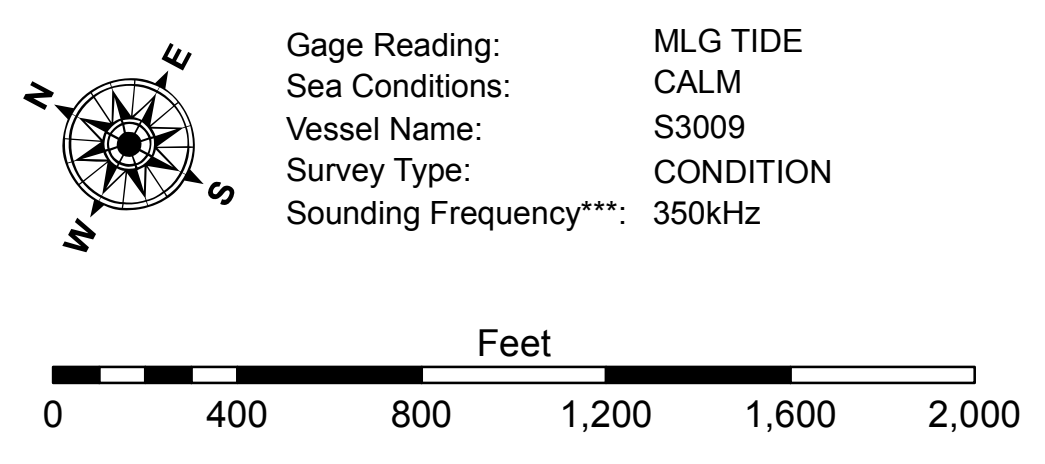


**LEGEND**

--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	■ -12' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	■ -12' to -15'
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	■ -15' to -18'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	■ -18' 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). Datum Relationships for 76320 as of August 2014:  
 0.0' NAVD88 (2009.55) = 2.42' MLG  
 Distances on the Houma Nav. Canal are shown at 1 mile intervals.  
 The location of navigation aids are base on and provided by the U.S. Coast Guard and USACE survey crews.  
 2010 Aerial Photography data source: NAIP  
 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**  
 Access Constraints: 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. It is not to be used for any purpose other than that for which it was prepared, and the user is responsible for the results. The user is responsible for the accuracy, completeness, timeliness, and quality 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 dredging, sedimentation, and other changes in the hydrographical conditions which develop after the date of the survey. The user is responsible for the accuracy of the data for other than its intended purpose.  
 Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers project. It is not to be used for any purpose other than that for which it was prepared, and the user is responsible for the results. The user is responsible for the accuracy, completeness, timeliness, and quality of the data for other than its intended purpose.  
 The information depicted on this map represents the results of a survey conducted on the date indicated. It is not to be used for any purpose other than that for which it was prepared, and the user is responsible for the results. The user is responsible for the accuracy, completeness, timeliness, and quality of the data for other than its intended purpose.

U.S. ARMY CORPS OF ENGINEERS  
 NEW ORLEANS DISTRICT

Submitted:	Surveyed By:
Recommended:	NRT
Checked By:	Filed By:
MS	BD
Chief, Waterways Maintenance Section	Chief, Survey Section

**HOUMA NAVIGATION CANAL  
 LOWER CHANNEL  
 HN\_01\_LWR\_20210903\_CS\_POSTIDA  
 03 September 2021**

**Sheet Reference Number  
 1 of 19**

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