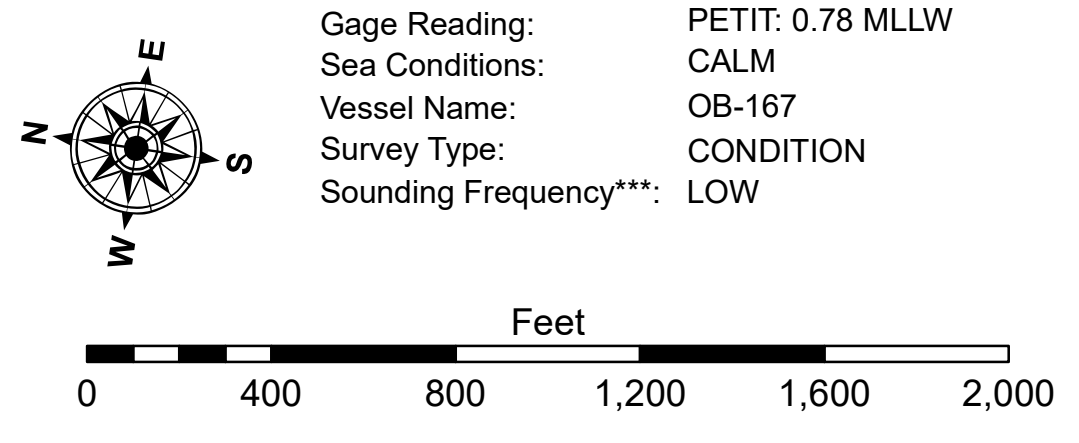


LEGEND		
--- Federal Navigation Channel	○ Cable Area	□ Borrow Area
— Federal Navigation Center Line	■ Placement Area	● Shoalest Sounding**
— As-built Pipeline/Cable	⊠ Anchorage Area	☆ Beacon, General
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy
— Project Depth Contour	⚓ Wrecks-Submerged	◇ Green Navigation Buoy
		■ -8' and above
		■ -8' to -10'
		■ -10' to -12'
		■ -12' to -16'
		■ -16' to -19'
		■ -19' 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 Lower Low Water Datum (MLLW).  
 Datum Relationships for 76305 as of September 2022:  
 0.0' NAVD88 (OPUS 2019) = 0.40' MLLW = 1.40' 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.  
 2019 Aerial Photography data source: NAIP (1998 DOQQ Imagery in green)  
 Reference is N.O.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 they are for informational purposes only and are not intended for any other purpose. The user is responsible for the results of their use. The user shall indemnify and hold the United States Government harmless from any and all claims, damages, and expenses, including reasonable attorneys' fees, that may be incurred by the recipient in connection with the use of these data. The information depicted on this map represents the results of a survey conducted on the date of the survey and is not intended to represent the general condition existing at that time.

U.S. ARMY CORPERS OF ENGINEERS NEW ORLEANS DISTRICT			
Submitted:	Surveyed By: ADAMS/CHAMPINE	Plotted By: JH	Checked By: JH
Recommended:	Chief, Survey Section		
Approved:	Chief, Waterways Maintenance Section		

**HOUMA NAVIGATION CANAL  
 LOWER CHANNEL  
 HN\_08\_LWR\_20231220\_CS  
 20 December 2023**

**Sheet Reference Number  
 8 of 19**

Revision Number:  
 4.2-20230420