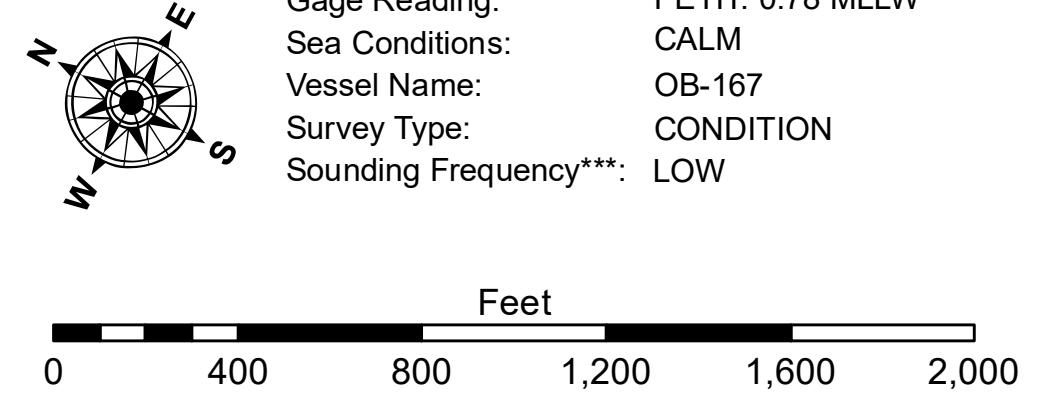


**LEGEND**

--- Federal Navigation Channel	⊙ Cable Area	▭ Borrow Area	■ -8' and above
— Federal Navigation Center Line	▭ Placement Area	● Shoalest Sounding**	■ -8' to -10'
— As-built Pipeline/Cable	⊗ Anchorage Area	★ Beacon, General	■ -10' to -12'
⋯ Unconfirmed Pipeline/Cable	⊗ Obstruction Point	♦ Red Navigation Buoy	■ -12' to -16'
— Project Depth Contour	⊗ Wrecks-Submerged	♦ Green Navigation Buoy	■ -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 (1996 DOQQ Imagery in green)  
 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**  
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U.S. ARMY CORPERS OF ENGINEERS  
 NEW ORLEANS DISTRICT

Submitted By: ADAMS/CHAMPINE	Plotted By: JH	Checked By: JH
Recommended By: Chief, Survey Section	Recommended By: Chief, Survey Section	Approved By: Chief, Waterways Maintenance Section

**HOUMA NAVIGATION CANAL  
 LOWER CHANNEL  
 HN\_10\_LWR\_20231220\_CS  
 20 December 2023**

**Sheet Reference Number  
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