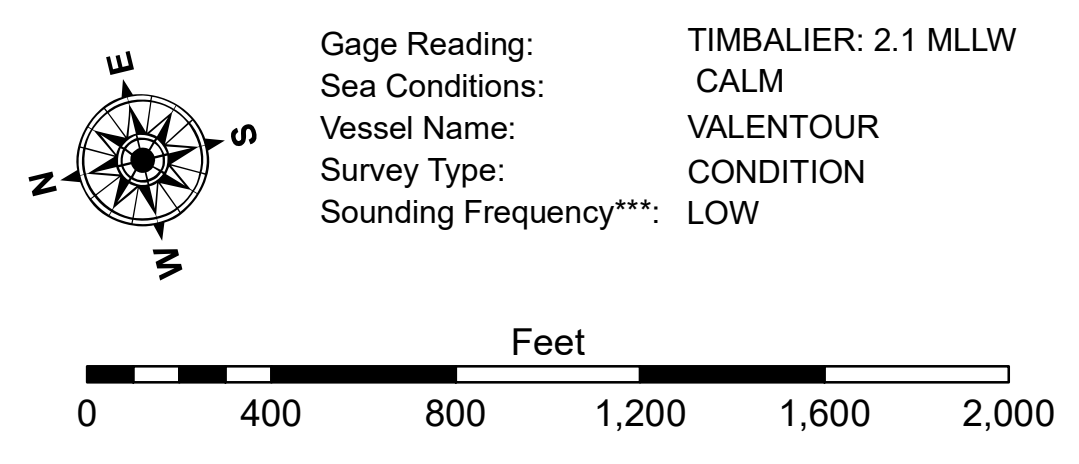


LEGEND			
--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	■ -8' and above
— Federal Navigation Center Line	▭ Placement Area	● Shoalest Sounding**	■ -8' to -10'
— As-built Pipeline/Cable	⊠ Anchorage Area	★ Beacon, General	■ -10' to -12'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ 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 88463 as of September 2022:  
 0.0' NAVD88 (OPUS 2019) = 0.40' MLLW (2012-2016) = 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.  
 2022 Aerial Photography data source: Optimal GEO, Inc.  
 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.



**DISTRIBUTION LIABILITY:** The data represents the results of data collection/processing for a specific US Army Corps of Engineers project. It is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results. Approximation of the data for other than its intended purpose.  
 Data Constants: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging operations, changes in channel conditions, and changes in the hydrographical conditions which develop after the date of the survey. The user is responsible for the results of the data used for internal use. Product maintainers should not rely solely upon it.

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

**HOUMA NAVIGATION CANAL  
 BAR CHANNEL  
 HN\_17\_BAR\_20240529\_CS  
 29 May 2024**

**Sheet Reference Number  
 17 of 19**

Revision Number:  
 4-2-2024(0420)