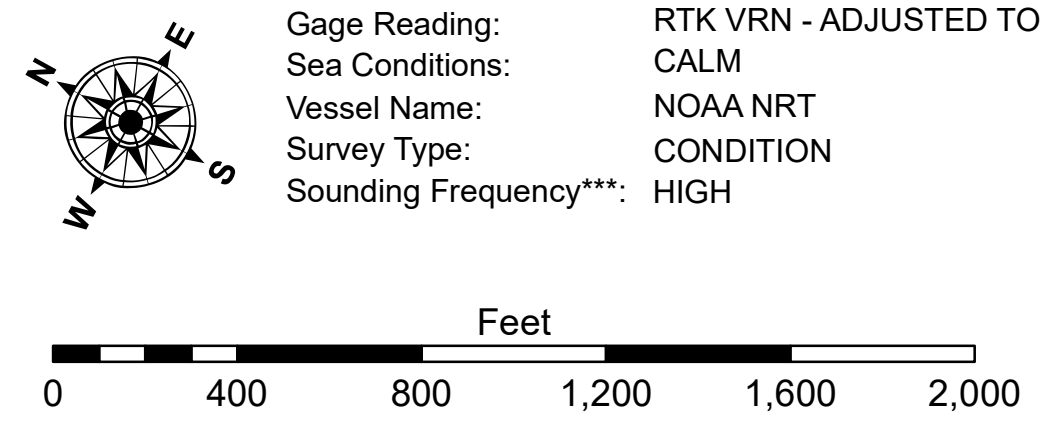


LEGEND			
--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	■ -8' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	■ -8' to -10'
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	■ -10' to -12'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ 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 (1998 DOQQ Imagery in green)  
 Reference is N.O.A. Navigation Chart No. 1355.  
 \*\* 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 the data are not intended for navigation, or for any other purpose, and that the data are not to be used for any purpose other than that for which they were furnished. The user is responsible for the results of any use 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, sedimentation, and other changes in the hydrographical conditions which develop after the date of the survey. The Corps of Engineers accepts no responsibility for changes in the hydrographical conditions which develop after the date of the survey. The Corps of Engineers' liability is limited to the data as furnished for its intended purpose.  
 The information depicted on this map represents the results of a survey conducted on or about the date indicated. It is not to be considered to represent the general condition existing at that time.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT			
Submitted:	Surveyed By: NOAA NRT	Plotted By: JH	Checked By: JH
Recommended:	Chief, Survey Section		
Approved:	Chief, Waterways Maintenance Section		

**HOUMA NAVIGATION CANAL  
 LOWER CHANNEL  
 HN\_10\_LWR\_20240914\_CS\_POSTSTORM\_3K3  
 14 September 2024**

**Sheet Reference Number  
 10 of 19**

Revision Number:  
 4.2-20240420