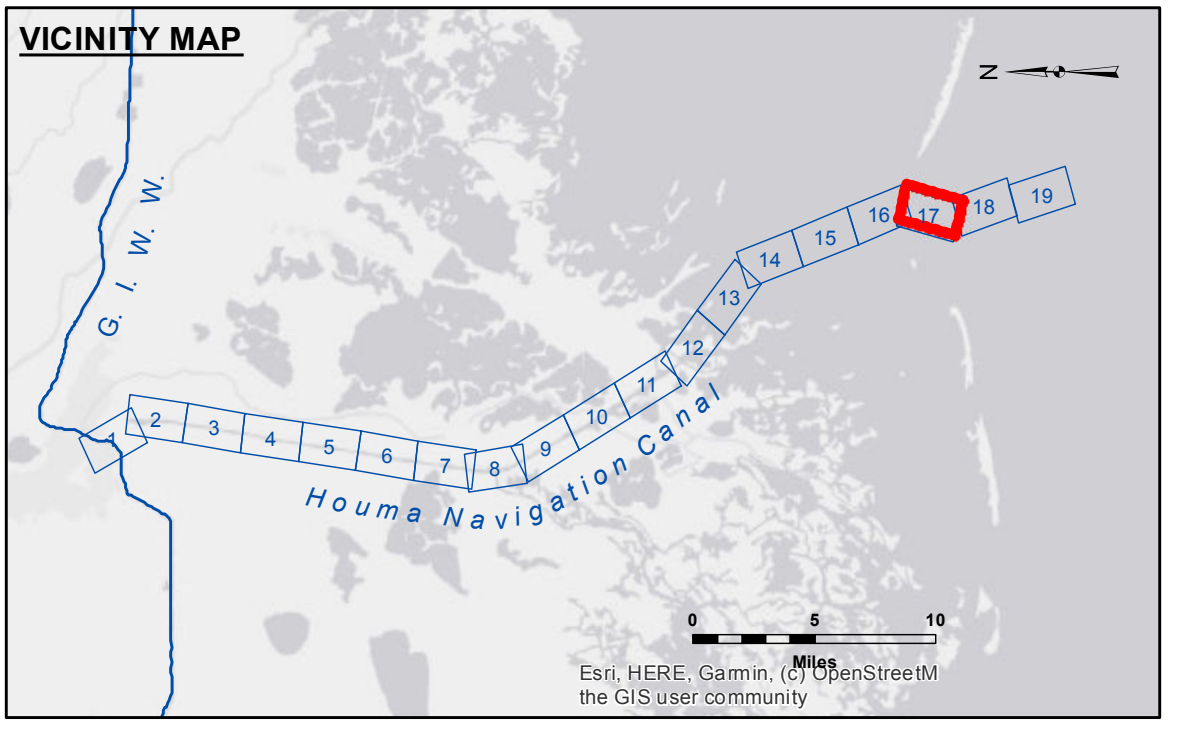


**DISCLAIMER**  
 The United States Government or its employees does not warrant, guarantee, or make any representation as to the accuracy, reliability, or availability of the information contained herein for any purpose other than that for which it was specifically prepared. The user is responsible for the results of any use of the information contained herein for any purpose other than that for which it was specifically prepared. The user is responsible for the results of any use of the information contained herein for any purpose other than that for which it was specifically prepared. The user is responsible for the results of any use of the information contained herein for any purpose other than that for which it was specifically prepared.

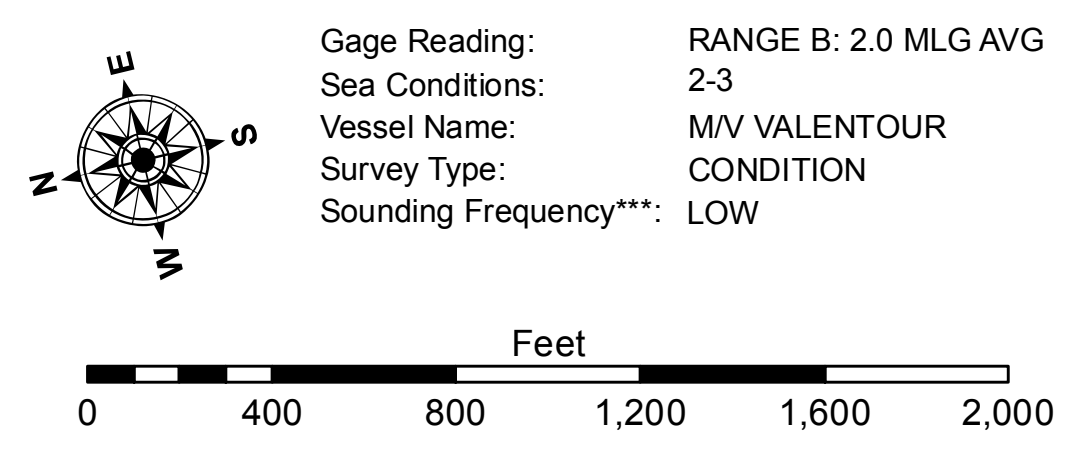
U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	Surveyed By: JDH/JA	Plotted By: AO	Checked By: AO
	Submitted:	Chief, Survey Section	Chief, Waterways Maintenance Section

**HOUMA NAVIGATION CANAL  
 BAR CHANNEL  
 HN\_17\_BAR\_20201030\_CS\_POSTSTORM  
 30 October 2020**

**Sheet Reference Number  
 17 of 19**



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 76305 as of August 2014:  
 0.0' NAVD88 (OPUS 2010) = 0.42' MLLW (2007-2011) = 1.34' 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.  
 2015 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.