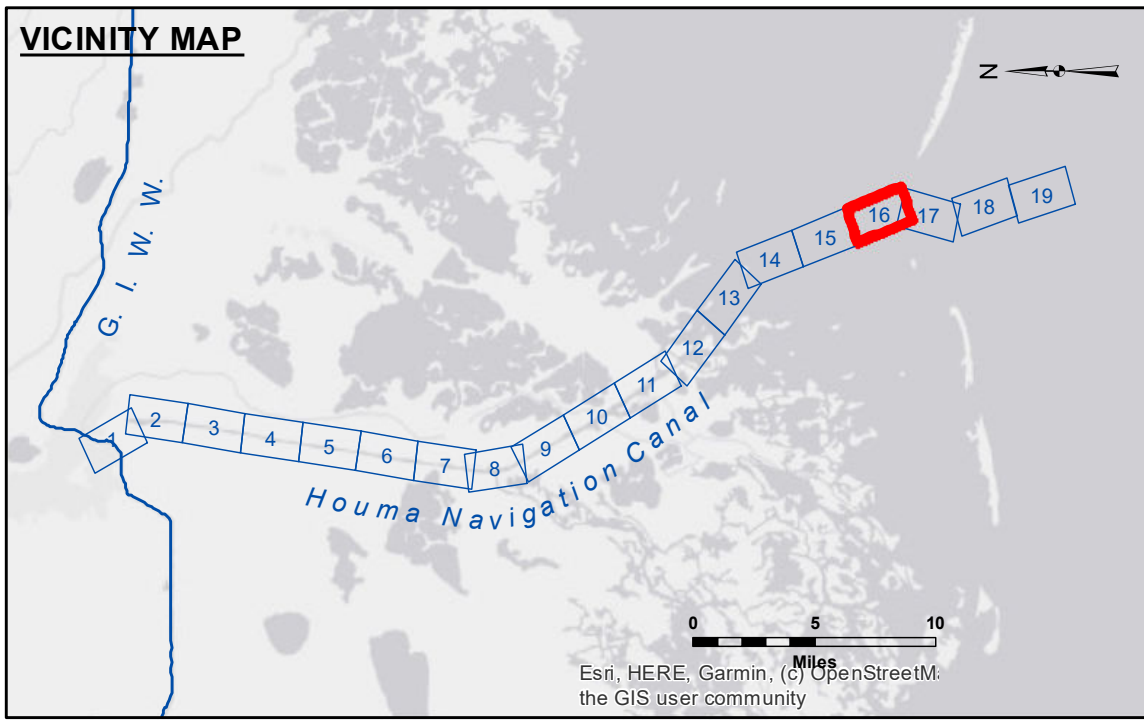


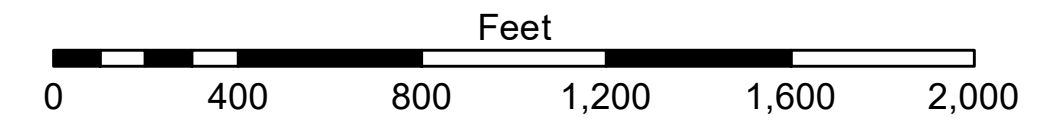
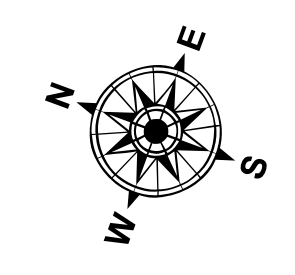
P.C. 6 1890+09.85  
 X= 3,522,320.13  
 Y= 221,166.34

CURVE 3 DATA  
 Δ = 42°18'08.1996"  
 D = 01°09'45.3966"  
 T = 1906.6903'  
 R = 4928.2024'  
 L = 3638.5610'

SPD MI. 2.5  
 X=3,517,470  
 Y=227,124



LEGEND			
--- Federal Navigation Channel	○ Cable Area	3 Fluff Thickness (feet)*	-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	



Gage Reading: TIMBER ISLAND: 2.425 MLG AVG  
 Sea Conditions: CALM/CHOPPY PM  
 Vessel Name: OB-167  
 Survey Type: CONDITION  
 Sounding Frequency\*\*\*: LOW

**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.  
 \* Difference between high and low frequency elevations where greater than 1.0'.  
 \*\* 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 information depicted on this map represents the results of a survey conducted by the United States Army Corps of Engineers. The user of this information is advised that the data is only valid for its intended use, control, time and accuracy specifications. The user is responsible for the results of any application of the data for other than its intended purpose. The user is responsible for the results of any application of the data for other than its intended purpose. The user is responsible for the results of any application of the data for other than its intended purpose. The user is responsible for the results of any application of the data for other than its intended purpose.

Submitted:	Reviewed:	Checked:
PM/SPS	BD	AC
U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		

**HOUMA NAVIGATION CANAL  
 BAY CHANNEL  
 HN\_16\_BAY\_20220324\_CS  
 24 March 2022**

**Sheet  
 Reference  
 Number  
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