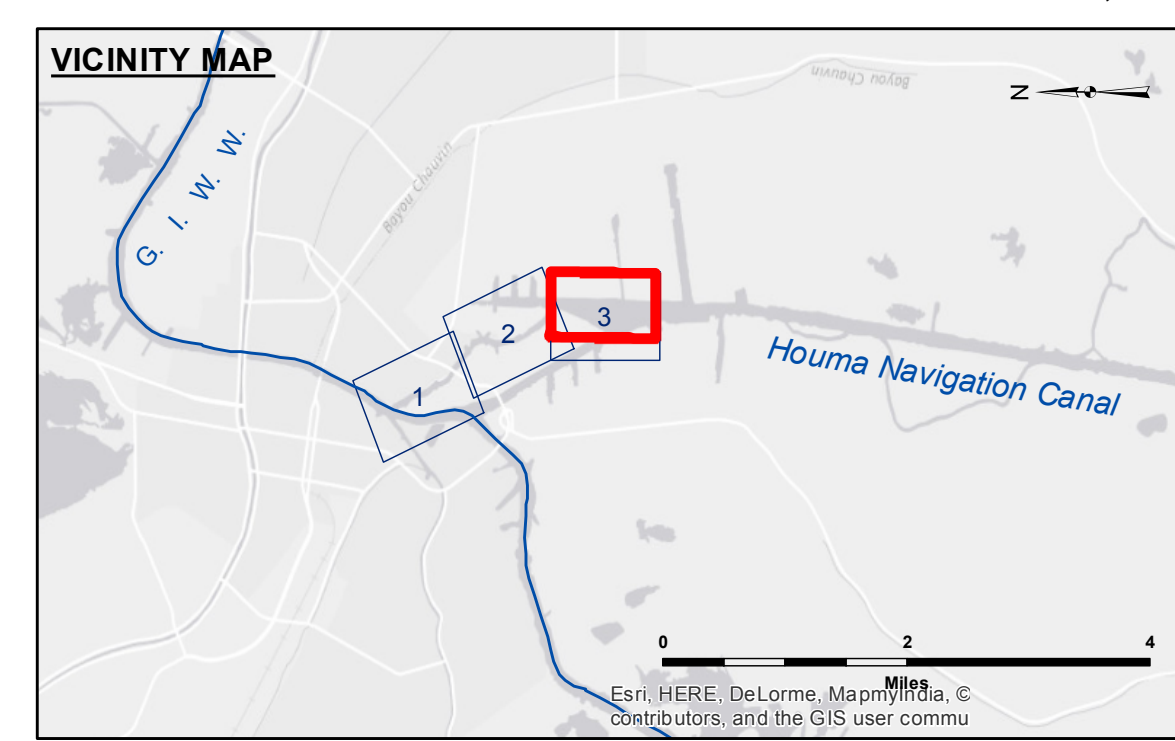
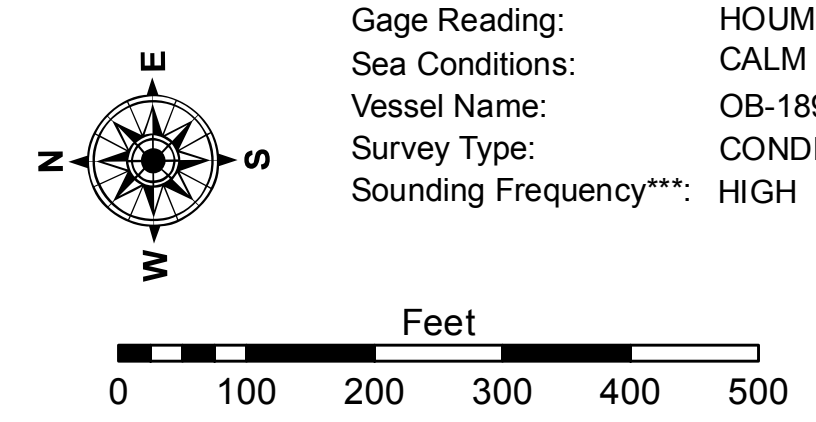


DATA  
 2646.56"  
 2313.42"  
 L=549.57'  
 R=540.05'



**LEGEND**

--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	■ -10' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	□ -10' and below
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	
— Project Depth Contour	★ Wrecks-Submerged	◆ Green Navigation Buoy	



Gage Reading: HOUMA: 3.51 MLG  
 Sea Conditions: CALM  
 Vessel Name: OB-189  
 Survey Type: CONDITION  
 Sounding Frequency\*\*\*: HIGH

**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 76320 as of July 2014:  
 0.0' NAVD83 (2009.55) = 2.42' 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.  
 2010 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.



**DISCLAIMER:**  
 The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were prepared, and that the data are not to be used for any purpose other than that for which they were prepared, and that the data are not to be used for any purpose other than that for which they were prepared.  
 The information depicted on this map represents the results of a survey conducted on or about the date indicated on the map. The information is not to be used for any purpose other than that for which it was prepared, and the user assumes all responsibility for any errors or omissions in the data. The user is advised that the data are not to be used for any purpose other than that for which they were prepared, and that the data are not to be used for any purpose other than that for which they were prepared.

U.S. ARMY CORPS OF ENGINEERS  
 NEW ORLEANS DISTRICT

Submitted:	Surveyed By: PM/DS
Revised/Updated:	Plotted By: BTD
Approved:	Checked By: RN

Chief, Waterways Maintenance Section

**HOUMA NAVIGATION CANAL VICINITY**  
**BAYOU LECARPE**  
**HN\_22\_LEC\_20160114**  
**14 January 2016**

**Sheet Reference Number**  
**3 of 3**