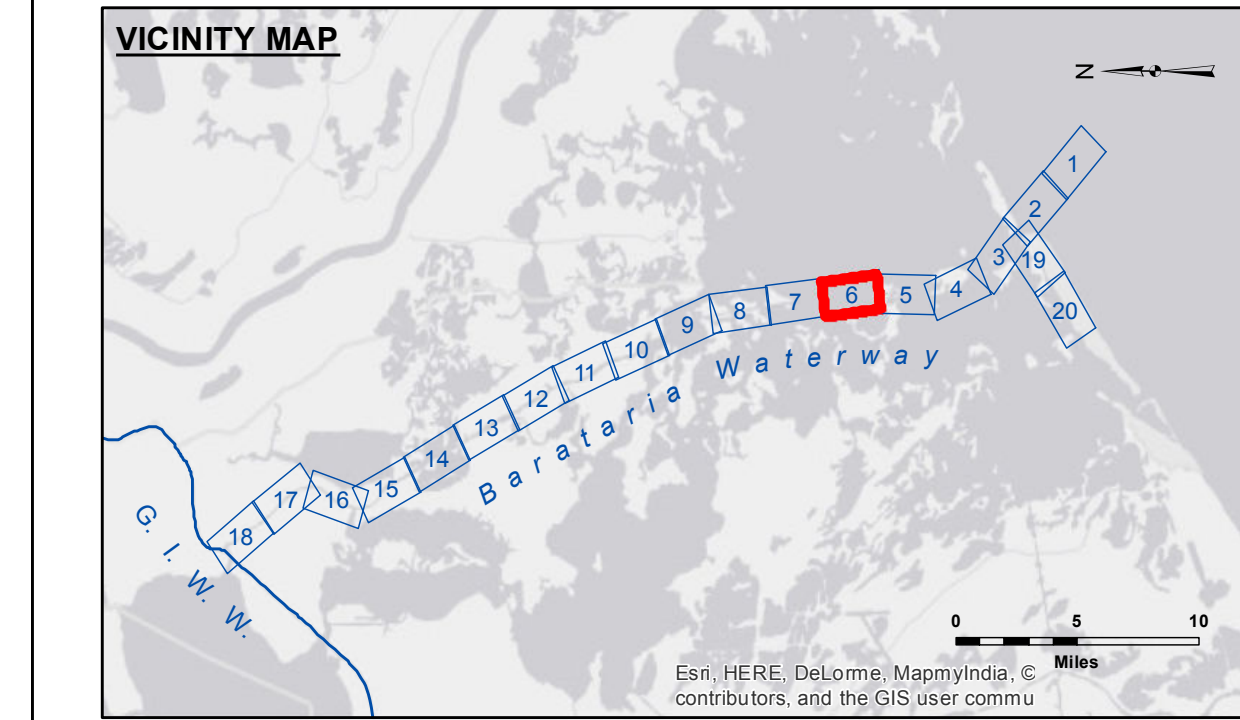


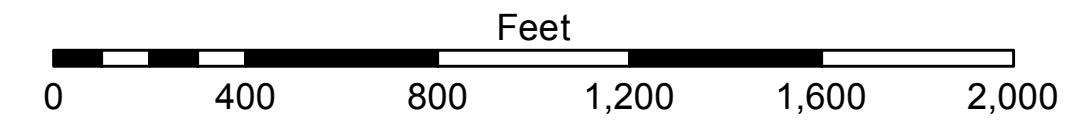
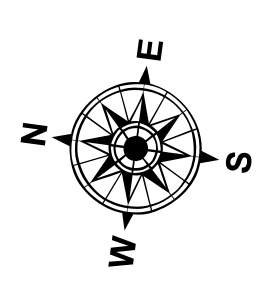
CURVE 4 DATA
 $\Delta = 8.0225^\circ$
 $D = 00^\circ 58' 36.67''$
 $T = 411.65'$
 $R = 5,870.25'$
 $L = 821.95'$

CURVE # 4 DATA
 $R = 5870.249$
 $T = 411.65$
 $L = 821.9478$
 $LC = 821.2765$
 $\Delta = 8.0225^\circ$
 $D =$



LEGEND

--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	■ -8' and above
— Federal Navigation Center Line	■ Placement Area	● Shoalest Sounding**	■ -8' to -12'
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	■ -12' to -15'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	■ -15' and below
— Project Depth Contour	⚓ Wrecks-Submerged	◆ Green Navigation Buoy	



Gage Reading: GRAND ISLE STAFF: 2.1 MLG
 Sea Conditions: SMOOTH
 Vessel Name: OB167
 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).
 Distances on the Barataria Waterway are shown at 1 mile intervals.
 The location of navigation aids are based 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. 11365.
 ** 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 Government. The user of this information is advised that the United States Government does not warrant, either expressly or implied, the accuracy, reliability, or availability of the information for any purpose other than that for which it was prepared. The user is responsible for the results of any use of this information. The user is advised that the United States Government does not accept any liability for damages, including consequential damages, arising from the use of this information. The user is advised that the United States Government does not accept any liability for damages, including consequential damages, arising from the use of this information. The user is advised that the United States Government does not accept any liability for damages, including consequential damages, arising from the use of this information.

U.S. ARMY CORPS OF ENGINEERS
 NEW ORLEANS DISTRICT

Submitted:	Surveyed By: DS/PS
Recommended:	Plotted By: AO
Approved:	Checked By: AO

**BARATARIA WATERWAY
 BAY CHANNEL
 BW_06_BAY_20170509_CS
 09 May 2017**

**Sheet Reference Number
 6 of 20**