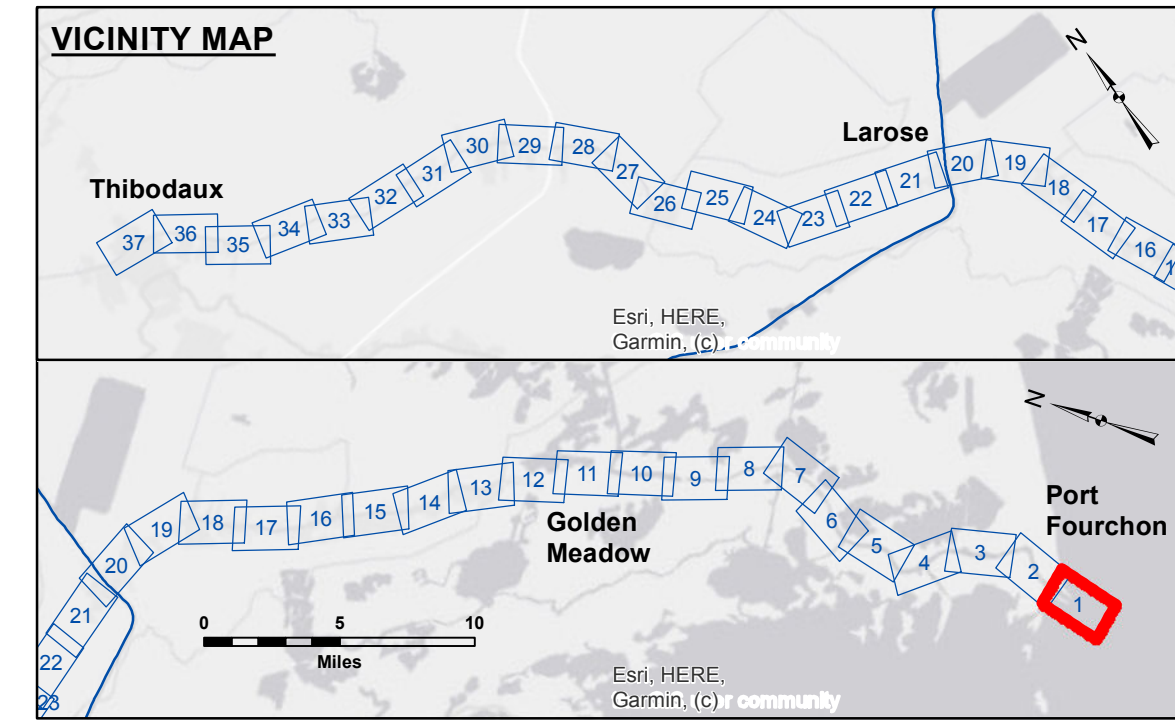
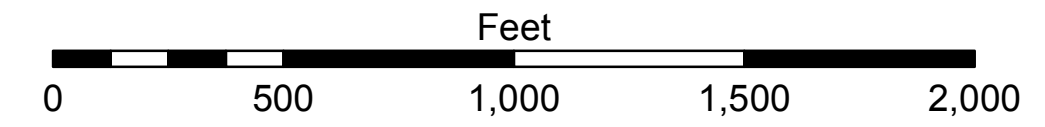
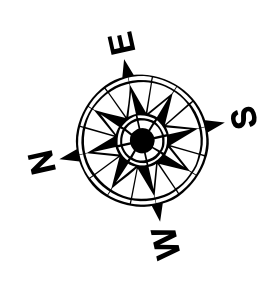


6' LONG SUBM OBSTR
 -25.2'
 90°13'44.343\"/>



LEGEND			
--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	■ -16' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	■ -16' to -24'
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	■ -24' and below
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	
— Project Depth Contour	★ Wrecks-Submerged	◆ Green Navigation Buoy	



Gage Reading: POSpac RTX - NOAA MLLW Separation Mode
 Sea Conditions: CHOPPY
 Vessel Name: Blake
 Survey Type: CONDITION
 Sounding Frequency***: 350kHz

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: POSpac RTX - NOAA MLLW Separation Mode
 Soundings are shown in feet and indicate depths below Mean Low Gulf Datum (MLG). Datum Relationships for Harbor Police Dock Staff as of August 2014:
 0.0' NAVD88 (OPLUS2011) = 0.61' MLLW (1983-2001) = 1.87' MLG
 Distances on the Bayou Lafourche 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. Navigation Chart No. 11365 and 11346.
 ** 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 warranted for any purpose other than that for which they were collected. The user is responsible for the results of any use of the data for other than its intended purpose.
 Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers project. It is only valid for its intended use, content, time and accuracy specifications. 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 changing hydrographical conditions which develop after the date of the survey. The user is responsible for the results of any use of the data for other than its intended purpose.
 The information depicted on this map represents the results of a survey conducted on the date indicated. It is not intended to represent the general condition existing at that time.

Submitted:	Surveyed By:	David Evans and Associates, Inc.
Recommended:	Plotted By:	AO
Approved:	Checked By:	AO

**BAYOU LAFOURCHE
 BAR CHANNEL
 LF_01_BAR_20210903_CS_POSTIDA
 03 September 2021**

**Sheet Reference Number
 1 of 37**