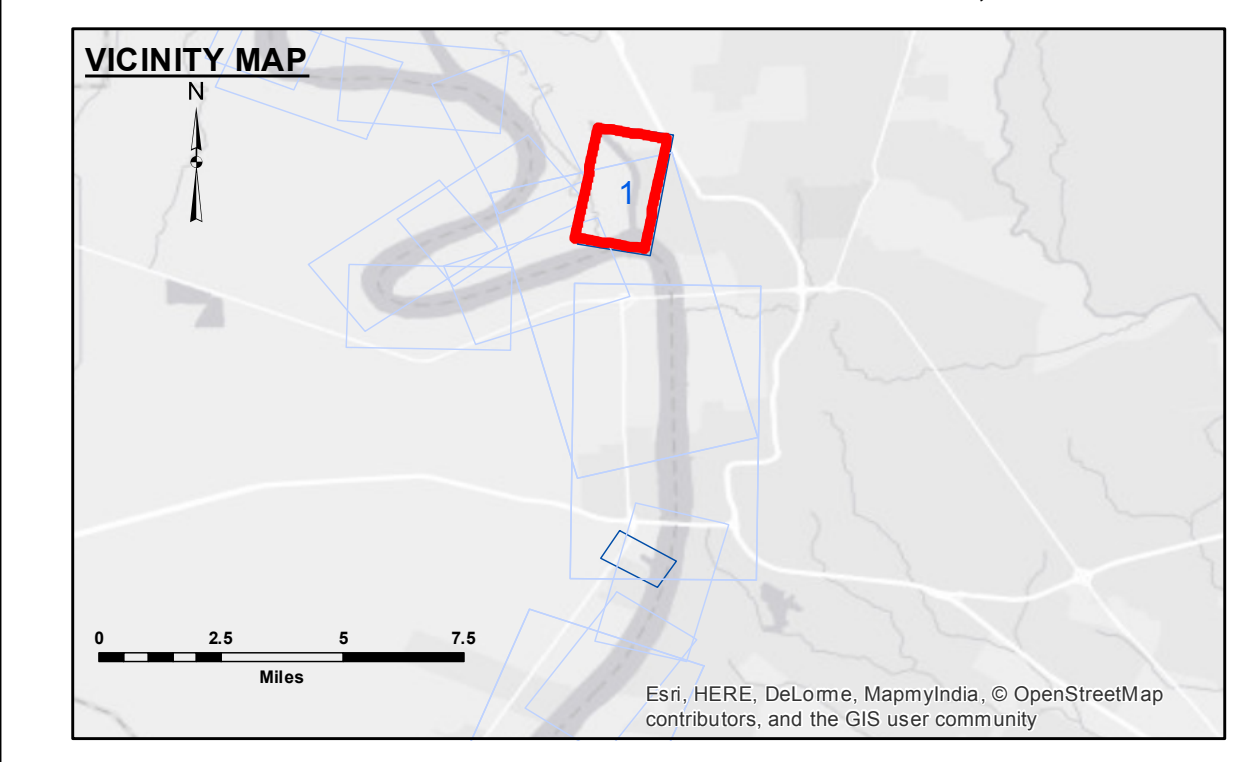


TABLE OF COORDINATES

POINT NO.	X	Y
1	3320263.990	735657.752
2	3319967.816	738187.185
3	3320071.675	740217.209
4	3320382.865	741618.264
5	3319710.959	744354.696
6	3317097.260	747457.144

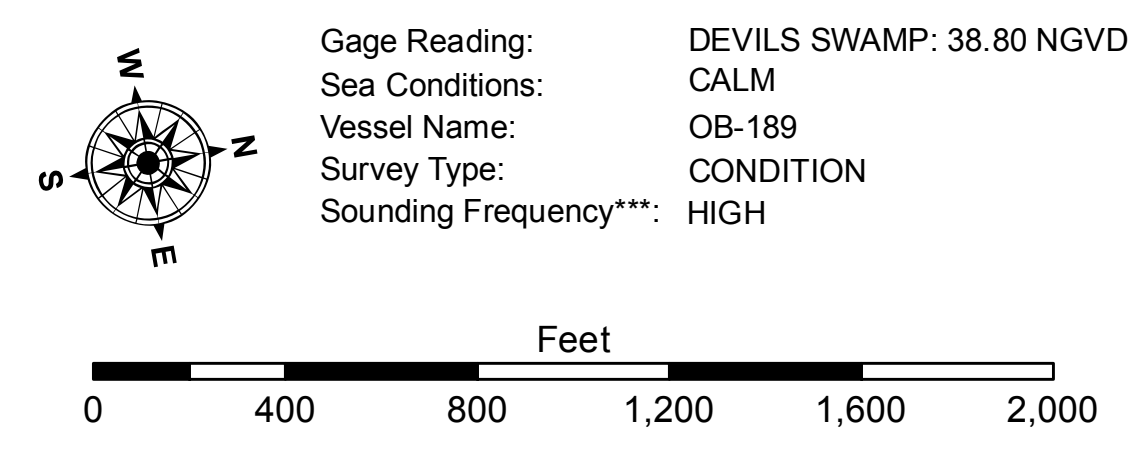
CURVE #1 DATA
 $\Delta = 19^\circ 11' 16.58''$
 $D = 0^\circ 56' 22.44''$
 $R = 6098.1$
 $T = 1030.8$
 $L = 2042.2$
 $LC = 2032.7$

CURVE #2 DATA
 $\Delta = 52^\circ 38' 11.32''$
 $D = 1^\circ 48' 10.98''$
 $R = 3177.7$
 $T = 1571.8$
 $L = 2919.3$
 $LC = 2817.7$



LEGEND

--- Federal Navigation Channel	○ Cable Area	□ Borrow Area
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**
— As-built Pipeline/Cable	□ Anchorage Area	☆ Beacon, General
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy
— Project Depth Contour	⚓ Wrecks-Submerged	◆ Green Navigation Buoy
		■ -8' and above
		■ -8' to -10'
		■ -10' to -12'
		■ -12' and below



Gage Reading: DEVILS SWAMP: 38.80 NGVD
 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 National Geodetic Vertical Datum of 1929 (NGVD29).
 Distances on the Mississippi River, above and below Head of Passes are shown at 1 mile intervals.
 The location of navigation aids are base on and provided by the U.S. Coast Guard.
 2012 Aerial Photography data source: USGS DOQQ
 Reference is N.O.A.A. Navigation Chart No. 11370.
 ** 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 data represented on this map represents the results of a survey conducted by the U.S. Army Corps of Engineers. The data is not intended for use in any other project or for any other purpose. The user is responsible for the accuracy, reliability, and use of the data. The U.S. Army Corps of Engineers does not warrant the accuracy, reliability, or use of the data. The user is responsible for the accuracy, reliability, and use of the data. The U.S. Army Corps of Engineers does not warrant the accuracy, reliability, or use of the data. The user is responsible for the accuracy, reliability, and use of the data.

U.S. ARMY CORPS OF ENGINEERS
 NEW ORLEANS DISTRICT

Submitted:	RYLAND/SONNIER
Recommended:	BD
Checked:	AC

BATON ROUGE HARBOR
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BH_01_DEV_20170615_CS
15 June 2017

Sheet Reference Number
1 of 1