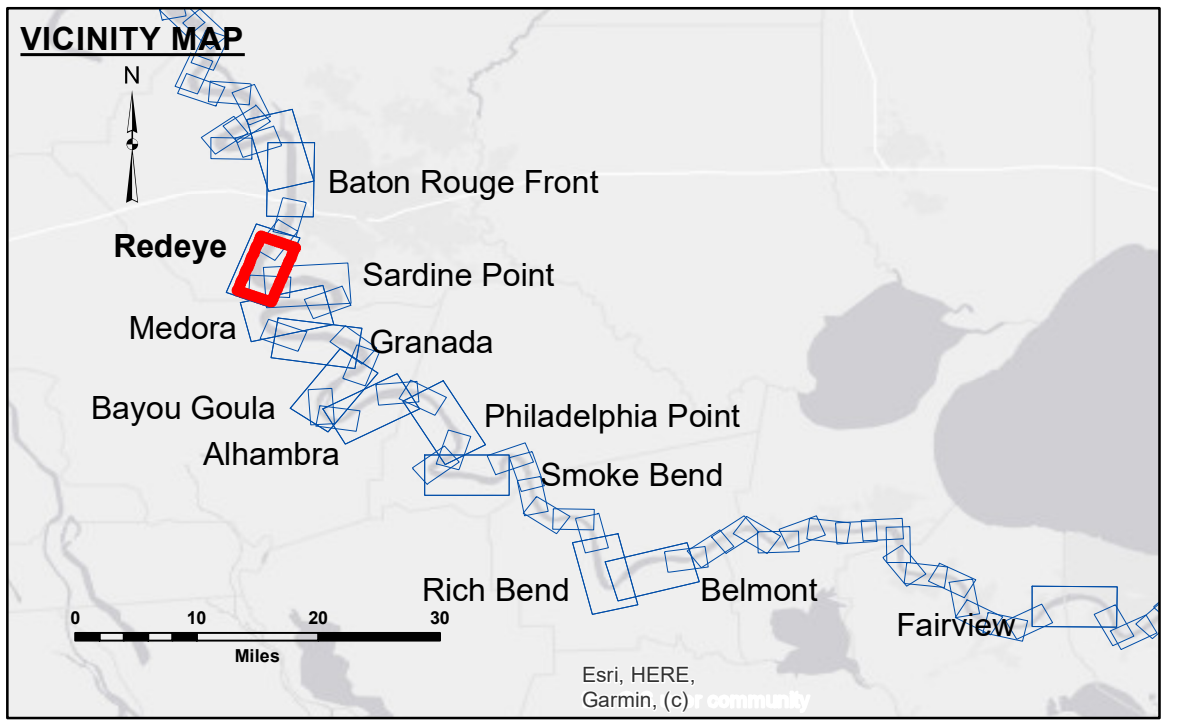
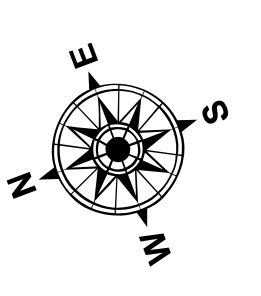


DIKE NO.	CONSTRUCTED DIKE ELEVATION
1	-5 NGVD
2	OR -7.6 LWRP
3	OR -7.6 LWRP
4	OR -2.6 LWRP
5	OR -2.6 LWRP
6	OR -2.6 LWRP

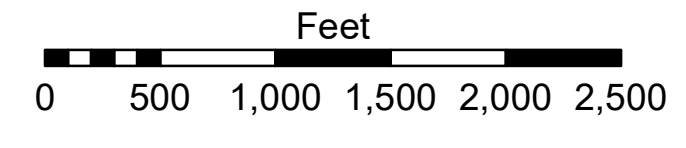


LEGEND

--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	■ 0' and above
— Federal Navigation Center Line	▭ Placement Area	● Shoalest Sounding**	■ 0' to -5'
— As-built Pipeline/Cable	⊠ Anchorage Area	★ Beacon, General	■ -5' to -10'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	■ -10' to -20'
— Project Depth Contour	✈ Wrecks-Submerged	◆ Green Navigation Buoy	■ -20' to -30'
			■ -30' to -35'
			■ -35' to -40'
			■ -40' to 45'
			■ -45' and below



LWRP: 2.6
 Gage Reading: BR:23.4 D:14.4 USED:22.6 NAVD
 Sea Conditions: CALM
 Vessel Name: LAFORCHE
 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 Low Water Reference Plane 2007 (NAVD).
 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 and USACE crew.
 2015 Aerial Photography data source: NAIP, USDA-FSA-APFO Aerial Photography Field Office.
 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 information depicted on this map represents the results of a survey conducted by the U.S. Army Corps of Engineers. The information is provided for informational purposes only and is not intended to be used for any other purpose. The user is responsible for the results of any use of this information. The U.S. Army Corps of Engineers does not warrant the accuracy, reliability, or completeness of the information. The U.S. Army Corps of Engineers is not responsible for any damages, including consequential damages, resulting from the use of this information. The U.S. Army Corps of Engineers is not responsible for any damages, including consequential damages, resulting from the use of this information. The U.S. Army Corps of Engineers is not responsible for any damages, including consequential damages, resulting from the use of this information.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Submitted:	Surveyed By: DS,SR	Plotted By: MS
Recommended:	Checked By: MS	Checked By: MS
Approved:	Chief, Waterways Maintenance Section	

**MISSISSIPPI RIVER - B.R. TO GULF
 REDEYE CROSSING
 MD_04_RED_X_20191205_AD
 05 December 2019**

**Sheet Reference Number
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