U.S. ARMY CORPS OF ENGINEERS 3,910,000 3,919,000 296,000 3,913,000 299,000 3,916,000 **US Army Corps** of Engineers District: CEMVN DREDGE PIPE DM 25 STAFF - 01466 (0.0' NAVD88 (2009.55) = -0.51' MLLW (12-16) = 2.99' MLG) MISS. RIVER OUTLETS APPLISTE COLLETTE, RIV 3,919,000 3.922,000 NOTES: 290,000 3,916,000 296,000 Horizontal Coordinate System: VICINITY MAP North American Datum of 1983 (NAD83), projected to the State Plane Coordinate System (SPCS), Louisiana South Zone. Distance units in U.S. Survey Feet. **LEGEND** Vertical Datum: Gage Reading: RTN: 0.0 MLLW AVG. Soundings are shown in feet and indicate depths below Mean Lower Low Water Datum (MLLW). Datum relationships as of April 2023:

0.0' NAVD88 (2009.55) = -0.51' MLLW (2002-2006) = 2.99' MLG -7.5' and above Sea Conditions: CALM --- Federal Navigation Channel Cable Area Borrow Area OB-169 -7.5' to -11.5' Vessel Name: — Federal Navigation Center Line Placement Area Shoalest Sounding** Distances on the Mississippi River, above and below Head of Passes are shown Survey Type: -11.5' to -13.5' at 1 mile intervals. Sounding Frequency***: 24 As-built Pipeline/Cable Anchorage Area Beacon, General The location of navigation aids are base on and provided by the U.S. Coast Guard. -13.5' to -15.5' ∅ Obstruction Point ---- Unconfirmed Pipeline/Cable 2018 Aerial Photography data source: Precision Aerial Reconnaissaince LLC. Red Navigation Buoy -15.5' to -19.5' Sheet Wrecks-Submerged — Project Depth Contour Reference is N.O.A.A. Navigation Chart No. 11353. Reference -19.5' and below Green Navigation Buoy 1,000 1,500 2,000 500 Number ** Shoalest Sounding per Quarter per Reach. **of** 6 *** 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 consoldiated bottom material. Low frequency accuracies may vary depending on channel conditions and fathometer Revison Number: 4.2-20200420