U.S. ARMY CORPS OF ENGINEERS 494,000 US Army Corps of Engineers District: CEMVN MERMENTAU RIVER LOWER RIVER M_15_LWR_20220420_C _ 20 April 2022 497,000 2,797,000 494,000 NOTES: **VICINITY MAP** 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. **LEGEND** VRS RTK NTRIP: 4.96 MLG AVG. Gage Reading: CHOPPY Sea Conditions: --- Federal Navigation Channel Borrow Area Cable Area Soundings are shown in feet and indicate depths below Mean Low Gulf Datum (MLG). OB-169 Vessel Name: The location of navigation aids are base on and provided by the U.S. Coast Guard. Shoalest Sounding** CONDITION Survey Type: -15' and above 2017 Aerial Photography data source: NAIP. 1998 DOQQ imagery shown in green from USGS. Sounding Frequency***: LOW ____ Anchorage Area As-built Pipeline/Cable Beacon, General -15' and below ∅ Obstruction Point Reference is N.O.A.A. Navigation Chart No. 11344 and 11348. Unconfirmed Pipeline/Cable Red Navigation Buoy Feet Sheet ** Shoalest Sounding per Quarter per Reach. — Project Depth Contour Wrecks-Submerged Reference Green Navigation Buoy *** 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) 500 1,000 Number 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 15 **of** 25 Revison Number: 4.2-20200420