U.S. ARMY CORPS OF ENGINEERS 533,000 536,000 US Army Corps of Engineers District: CEMVN DISPOSAL AREA CALCASIEU CHANNEL LL=43.1 MLLW LL=43.1 MLLW LL=44.1 MLLW LL=44.1 MLLW CALCASIEU SHIP CHANNEL LOWER SHEET 17 CR\_17\_LWR\_20250317\_CS 2,644,000 536,000 533,000 NOTES: Horizontal Coordinate System: North American Datum of 1983 (NAD83), projected to the State Plane VICINITY MAP Coordinate System (SPCS), Louisiana South Zone. Distance units in U.S. Survey Feet. **LEGEND** Vertical Datum: -16' and above Gage Reading: DM 72 VRN: 0.91 MLLW AVG. Soundings are shown in feet and indicate depths below Mean Lower Low Water Datum (MLLW). 3 Fluff Thickness (feet)\* CALM Datum Relationships for gage 73615 as of December 2013: -16' to -21' Cable Area Sea Conditions: --- Federal Navigation Channel 0.0' NAVD88 (2009.55) = 1.1' MLLW = 2.1' MLG or 0.0' MLLW = 1.0' MLG M/V TECHE -21' to -26' Vessel Name: — Federal Navigation Center Line Placement Area Shoalest Sounding\*\* Distances on the Calcasieu River are shown at 1 mile intervals. Survey Type: CONDITION -26' to -33' Esri, HERE, Garmin, (c) OpenSti the GIS use **- OWET, Channel** Sounding Frequency\*\*\*: LOW The location of navigation aids are base on and provided by the U.S. Coast Guard Upper Channel Anchorage Area As-built Pipeline/Cable -33' to -39' Beacon, General and USACE survey crews. -39' to -41' ∅ Obstruction Point ---- Unconfirmed Pipeline/Cable 2022 Aerial Photography data source: PAR LLC Red Navigation Buoy Sheet -41' to -43' Reference is N.O.A.A. Navigation Chart No. 11339. Wrecks-Submerged — Project Depth Contour Reference -43' and below Green Navigation Buoy 1,200 400 \* Difference between high and low frequency elevations where greater than 1.0'. Number \*\* Shoalest Sounding per Quarter per Reach. 17 **of** 53 \*\*\* 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 Revison Number: material. Low frequency accuracies may vary depending on channel conditions and fathometer 4.2-20200420