U.S. ARMY CORPS OF ENGINEERS 497,000 494,000 US Army Corps of Engineers District: CEMVN LL=50.3 MLLW LL=56.3 MLLW LL=50.3 MLLW ( ST, JOHN ISLAND (DM 57) 3 28 28 28 29 1.2 MLLW = 2.2 MLG) 18 R SHEET 23
R\_20250417\_CS 17 April 2025 LOWER S 497,000 494,000 491,000 CALCASIEU NOTES: 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: -16' and above DM 57 VRN: 1.65 MLLW AVG. Gage Reading: Soundings are shown in feet and indicate depths below Mean Lower Low Water Datum (MLLW). 3 Fluff Thickness (feet)\* -16' to -21' CHOPPY Datum Relationships for gage 73625 as of December 2013: --- Federal Navigation Channel Cable Area Sea Conditions: 0.0' NAVD88 (2009.55) = 1.2' MLLW = 2.2' MLG or 0.0' MLLW = 1.0' MLG -21' to -26' M/V TECHE Vessel Name: 2<mark>2 | 23 | </mark>24 — Federal Navigation Center Line Placement Area Shoalest Sounding\*\* Distances on the Calcasieu River are shown at 1 mile intervals. CONDITION Survey Type: -26' to -33' Sounding Frequency\*\*\*: LOW **Upper Channel** The location of navigation aids are base on and provided by the U.S. Coast Guard [\_\_] Anchorage Area  $\underline{\textbf{Lower Channel}} \quad \text{the GIS user community}$ As-built Pipeline/Cable Beacon, General -33' to -39' and USACE survey crews. -39' to -41' ∅ Obstruction Point --- Unconfirmed Pipeline/Cable 2022 Aerial Photography data source: PAR LLC 40 41 42 43 44 45 46 47 48 49 Red Navigation Buoy Sheet -41' to -43' Feet Reference is N.O.A.A. Navigation Chart No. 11339. — Project Depth Contour Wrecks-Submerged Reference -43' and below **Green Navigation Buoy** 800 1,200 \* Difference between high and low frequency elevations where greater than 1.0'. Number 400 \*\* 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) Revison Number: 5.25.04.03-5.25.04.03 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