U.S. ARMY CORPS OF ENGINEERS 2,671,000 2,668,000 US Army Corps of Engineers District: CEMVN Bayou D'Inde Buoy BD CALCASIEU SHIP CHANNEL
UPPER SHEET 3
CR_03_UPR_20250305_CS
05 March 2025 629,000 2,668,000 626,000 2,665,000 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 119 VRN: 0.12 MLLW AVG. Soundings are shown in feet and indicate depths below Mean Lower Low Water Datum (MLLW). Datum Relationships for gage 73550 as of December 2013:

0.0' NAVD88 (OPUS 2010) = 0.6' MLLW = 1.6' MLG or 0.0' MLLW = 1.0' MLG 3 Fluff Thickness (feet)* CHOPPY -16' to -21' --- Federal Navigation Channel Cable Area Sea Conditions: 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) OpenStr the GIS use **Lower Channel** Sounding Frequency***: LOW **Upper Channel** The location of navigation aids are base on and provided by the U.S. Coast Guard As-built Pipeline/Cable Anchorage Area -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. — Project Depth Contour Wrecks-Submerged Reference -43' and below Green Navigation Buoy 1,200 400 * Difference between high and low frequency elevations where greater than 1.0'. Number 3 **of** 53 ** 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 consoldiated bottom Revison Number: material. Low frequency accuracies may vary depending on channel conditions and fathometer 4.2-20200420