U.S. ARMY CORPS OF ENGINEERS 605,000 US Army Corps of Engineers District: CEMVN 2-20" GAS PIPELINE CALCASIEU SHIP CHANNEL
UPPER SHEET 7
CR\_07\_UPR\_20251002\_CS
02 October 2025 608,000 602,000 2,647,000 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** -16' and above DM 102 VRN: 1.35 MLLW AVG Soundings are shown in feet and indicate depths below Mean Lower Low Water Datum (MLLW). Datum Relationships for gage 73575 as of December 2013:

0.0' NAVD88 (OPUS 2013) = 0.8' MLLW = 1.8' MLG or 0.0' MLLW = 1.0' MLG Gage Reading: 3 Fluff Thickness (feet)\* -16' to -21' CALM Cable Area --- Federal Navigation Channel Sea Conditions: M/V TECHE -21' to -26' Vessel Name: 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 Shoalest Sounding\*\* — Federal Navigation Center Line Placement Area Distances on the Calcasieu River are shown at 1 mile intervals. CONDITION -26' to -33' Survey Type: Esri, HERE, Garmin, (c) OpenStreetMap contributors, and **Lower Channel** the GIS user community 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 40 41 42 43 44 45 46 47 48 49 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** 400 1,200 \* Difference between high and low frequency elevations where greater than 1.0'. Number **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: 5.25.08.04-5.25.08.04 material. Low frequency accuracies may vary depending on channel conditions and fathometer