U.S. ARMY CORPS OF ENGINEERS of Engineers District: CEMVN LL=58.1 MLLW 5 LL=52.1 MLLW L=55,1 MLLW LL=54.1 MLLW GAP SHEET 27 467,000 464,000 461,000 NOTES: CALCASIEU 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 CAMERON VRN: 1.89 MLLW AVG. Soundings are shown in feet and indicate depths below Mean Lower Low Water Datum (MLLW). Datum Relationships for gage 73650 as of December 2013: Gage Reading: 3 Fluff Thickness (feet)* -16' to -21' CALM --- Federal Navigation Channel Cable Area Sea Conditions: 0.0' NAVD88 (2009.55) = 1.3' MLLW = 2.3' MLG or 0.0' MLLW = 1.0' MLG -21' to -26' M/V TECHE Vessel Name: 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 — 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' Esri, HERE, Garmin, (c) OpenStreetMap contributors, and **Lower Channel** the GIS user community Sounding Frequency***: LOW 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 -41' to -43' Sheet Reference is N.O.A.A. Navigation Chart No. 11339. → Wrecks-Submerged — Project Depth Contour Reference -43' and below Green Navigation Buoy 1,200 * Difference between high and low frequency elevations where greater than 1.0'. Number 400 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) 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