U.S. ARMY CORPS OF ENGINEERS US Army Corps of Engineers District: CEMVN STAFFGAGE@1400=1.2 +0.91 =2.11 MLLW CASIEU SHIP CHANNEL GAP SHEET 26 26_GAP_20220809_CS 473,000 470,000 467,000 NOTES: Horizontal Coordinate System: North American Datum of 1983 (NAD83), projected to the State Plane 26_\ 09 VICINITY MAP Coordinate System (SPCS), Louisiana South Zone. Distance units in U.S. Survey Feet. **LEGEND** Vertical Datum: -16' and above CAMERON: 2.6 MLLW Soundings are shown in feet and indicate depths below Mean Lower Low Water Datum (MLLW). Datum Relationships for gage 73650 as of December 2013: 0.0' NAVD88 (2009.55) = 1.3' MLLW = 2.3' MLG or 0.0' MLLW = 1.0' MLG Gage Reading: 3 Fluff Thickness (feet)* -16' to -21' CHOP Cable Area --- Federal Navigation Channel Sea Conditions: MV LAFOURCHE -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 user Channel Sounding Frequency***: LOW The location of navigation aids are base on and provided by the U.S. Coast Guard Upper Channel 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 ** Shoalest Sounding per Quarter per Reach. 26 **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) Revison Number: 4.2-20200420 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