U.S. ARMY CORPS OF ENGINEERS 3,319,000 458,000 3,316,000 452,000 US Army Corps of Engineers District: CEMVN ATCHAFALAYA RIVER STOUTS PASS \S_08_STP_20190904_CS 455,000 452,000 3,310,000 3,313,000 446,000 NOTES: VICINITY MAP Horizontal Coordinate System: 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** RTK: 3.45 MLG AVG. Gage Reading: CALM ____ -10' and above Sea Conditions: --- Federal Navigation Channel Cable Area Borrow Area Soundings are shown in feet and indicate depths below Mean Low Gulf Datum (MLG). M/V VALENTOUR -10 to -12 Vessel Name: The location of navigation aids are base on and provided by the U.S. Coast Guard. Shoalest Sounding** CONDITION Survey Type: -12' to -15' 2010 Aerial Photography data source: NAIP. 1998 DOQQ imagery shown in green from USGS. Sounding Frequency***: LOW -15' to -18' As-built Pipeline/Cable Anchorage Area Beacon, General -18' to -20' Reference is N.O.A.A. Navigation Chart No. 11355. ∅ Obstruction Point ---- Unconfirmed Pipeline/Cable -20' and below Red Navigation Buoy Sheet 75 74 73 72 71 ** Shoalest Sounding per Quarter per Reach. — Project Depth Contour Wrecks-Submerged Reference **Green Navigation Buoy** *** 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) 1,000 1,500 2,000 500 Number 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 8 **of** 66 Revison Number: 4.0-201907022