U.S. ARMY CORPS OF ENGINEERS 3,316,000 3,319,000 US Army Corps of Engineers District: CEMVN 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. 13 **LEGEND** MC: 3.8 MLG Gage Reading: CALM --- Federal Navigation Channel Cable Area Borrow Area ____ -10' and above Sea Conditions: Soundings are shown in feet and indicate depths below Mean Low Gulf Datum (MLG). OB189 -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' 2017 Aerial Photography data source: NAIP. 1998 DOQQ imagery shown in green from USGS. Sounding Frequency***: 400 KHZ -15' to -18' As-built Pipeline/Cable Anchorage Area Beacon, General -18' to -20' ∅ Obstruction Point Reference is N.O.A.A. Navigation Chart No. 11355. --- Unconfirmed Pipeline/Cable Red Navigation Buoy -20' and below Sheet ** 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 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: 4.2-20200420