U.S. ARMY CORPS OF ENGINEERS 3,307,000 3,310,000 3,304,000 422,000 of Engineers District: CEMVN 48.6 32.7 30.4 30.4 0 0 3,307,000 419,000 3,310,000 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** MORGAN CITY: 3.45 MLG Gage Reading: CALM --- Federal Navigation Channel Cable Area Sea Conditions: Borrow Area Soundings are shown in feet and indicate depths below Mean Low Gulf Datum (MLG). OB-167 -12' and above Vessel Name: The location of navigation aids are base on and provided by the U.S. Coast Guard. — Federal Navigation Center Line Placement Area Shoalest Sounding** CONDITION Survey Type: -12' and below 2010 Aerial Photography data source: NAIP. 1998 DOQQ imagery shown in green from USGS. Sounding Frequency***: LOW As-built Pipeline/Cable Anchorage Area Beacon, General ∅ Obstruction Point Reference is N.O.A.A. Navigation Chart No. 11355. Unconfirmed Pipeline/Cable **Red Navigation Buoy** Feet 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) 500 1,000 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 69 **of** 191 Esri, HERE, DeLorme, MapmyIndia, © OpenScontributors, and the GIS user community Revison Number: 3.12-20160811