U.S. ARMY **CORPS OF ENGINEERS** 218,000 212,000 3,934,000 221,000 3,937,000 215,000 **US Army Corps** of Engineers **District: CEMVN** PARISH, **PLAQUEMINES** R. TO GULF SHEET 7 0923 CS LA. Water DIXON BAY NOAA Office of Coast Survey, Esri MISSISSIPPI RIVER -SOUTHWEST PAS SW\_07\_SWPX\_20 3,934,000 224,000 3,931,000 221,000 218,000 3,928,000 215,000 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. 3 Fluff Thickness (feet)\* **LEGEND** -10' and above 0.3 MLLW @ HEAD OF PASSES (01545) @ 0845 Gage Reading: Soundings are shown in feet and indicate depths below Mean Lower Low Water (MLLW, 12-16). Datum Relationships for gage 01545 as of February 2021: 0.0' NAVD88, 2009.55 = -0.32' MLLW = 3.18' MLG -10' to -20' CALM Borrow Area --- Federal Navigation Channel Cable Area Sea Conditions: OB-173 -20' to -30' — Federal Navigation Center Line Placement Area Shoalest Sounding\*\* CONDITION, SB Survey Type: -30' to -40' Distances on the Mississippi River, above and below Head of Passes are shown Sounding Frequency\*\*\*: LOW at 1 mile intervals. As-built Pipeline/Cable Anchorage Area Beacon, General -40' to -45' The location of navigation aids are base on and provided by the U.S. Coast Guard. -45' to -50' .... Unconfirmed Pipeline/Cable ∅ Obstruction Point Red Navigation Buoy 2024 Aerial Photography data source: Optimal GEO (1998 DOQQ in green) Sheet -50' to -55' — Project Depth Contour Wrecks-Submerged Reference is N.O.A.A. Navigation Chart No. 11361. Reference Green Navigation Buoy -55' and below 500 1,000 1,500 2,000 Number \*\* Shoalest Sounding per Quarter per Reach. **of** 13 \*\*\* 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 (24 kHz)

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

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