U.S. ARMY CORPS OF ENGINEERS 3,943,000 251,000 3,946,000 248,000 245,000 3,949,000 of Engineers District: CEMVN Approximate HOPPER DISPOSAL AREA Late 29° 09'49.400" 50 X 3944 BORROWAREA Lat 29° 08'4 9.898"

Lon 89° 14'46.715" w was a second of the second o An area approximately 5.2 miles in length along the right descending bank or west side of the the river. The east limit of the anchorage area at the upstream end starts at a point approximately 1,600 feet from the east bank at Mile 6.7 above Head of Passes and extends downstream generally parallel to and 1,600 feet from the east bank line to a point directly opposite Old Quarantine Station Light at Mile 3.7 above Head of Passes, thence to a point 1,600 feet directly oppossite Cupits Gap Light at Mile 2.8 above Head of Passes, thence to a point 1,600 feet directly opposite Plot town Wingdam Light at k - B.R. TO GULF SS - SHEET 5 0190519_CS Mile 1 5 above Head of Passes, which is the EDGING FULL CHANNEL WIDTH MISSISSIPPI RIVER -SOUTHWEST PASS SW_05_SWP_201 G. 1 TO RG. 58-B SHEETS 5 AND 6 19 M 3,937,000 248,000 245,000 3,940,000 242,000 239,000 3,943,000 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. -10' and above **LEGEND** Gage Reading: 2.8 MLLW @ PILOT TOWN @ 1410 Soundings are shown in feet and indicate depths below Mean Lower Low Water (MLLW, 07-11). Datum Relationships for gage 01525 as of July 2015: 0.0' NAVD88 = -0.3' MLLW = 3.20' MLG -10' to -20' CALM Borrow Area Sea Conditions: --- Federal Navigation Channel Cable Area -20' to -30' Vessel Name: BEAUVAIS Shoalest Sounding** — Federal Navigation Center Line Placement Area 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 -48.5' ∅ Obstruction Point Unconfirmed Pipeline/Cable Red Navigation Buoy 2016 Aerial Photography data source: Precision Aerial Reconnaissance, LLC (1998 DOQQ in green) Sheet -48.5' to -55' — Project Depth Contour Wrecks-Submerged Reference is N.O.A.A. Navigation Chart No. 11361. Reference Green Navigation Buoy -55' and below 1,000 1,500 2,000 Number ** Shoalest Sounding per Quarter per Reach. 5 **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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