



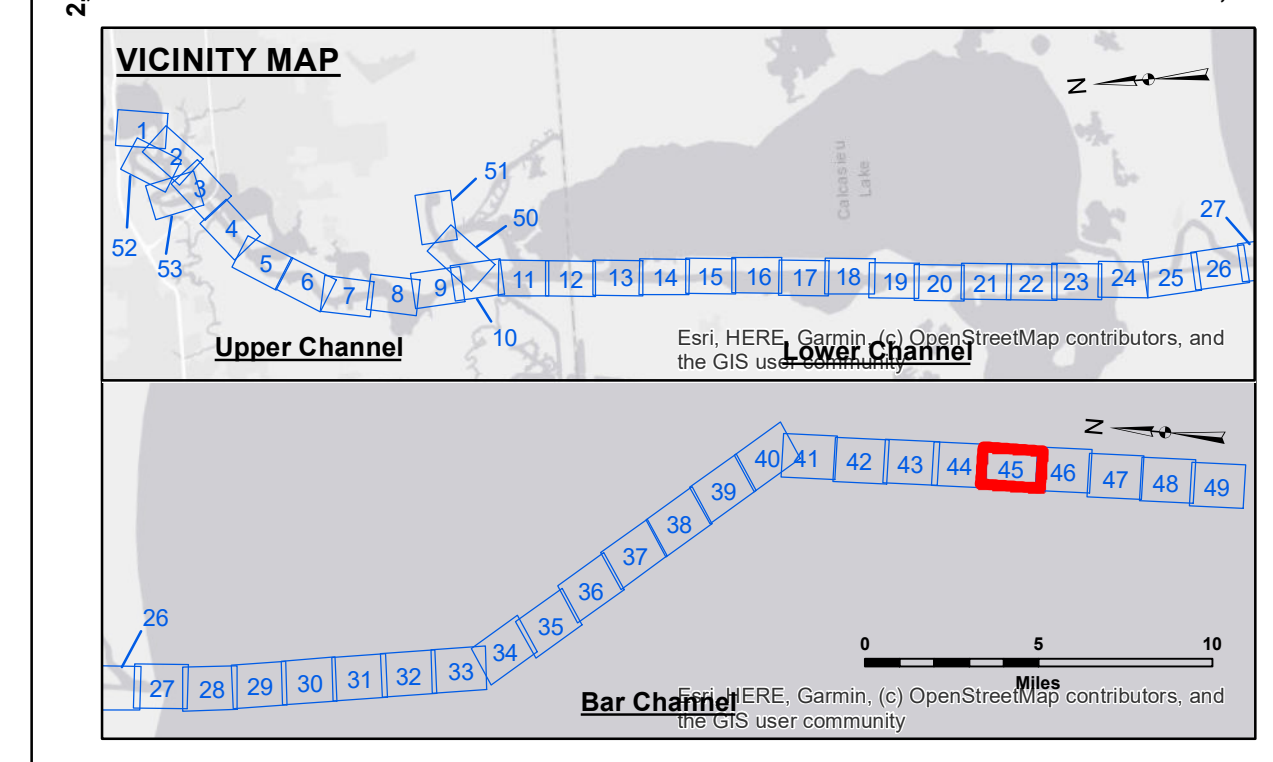
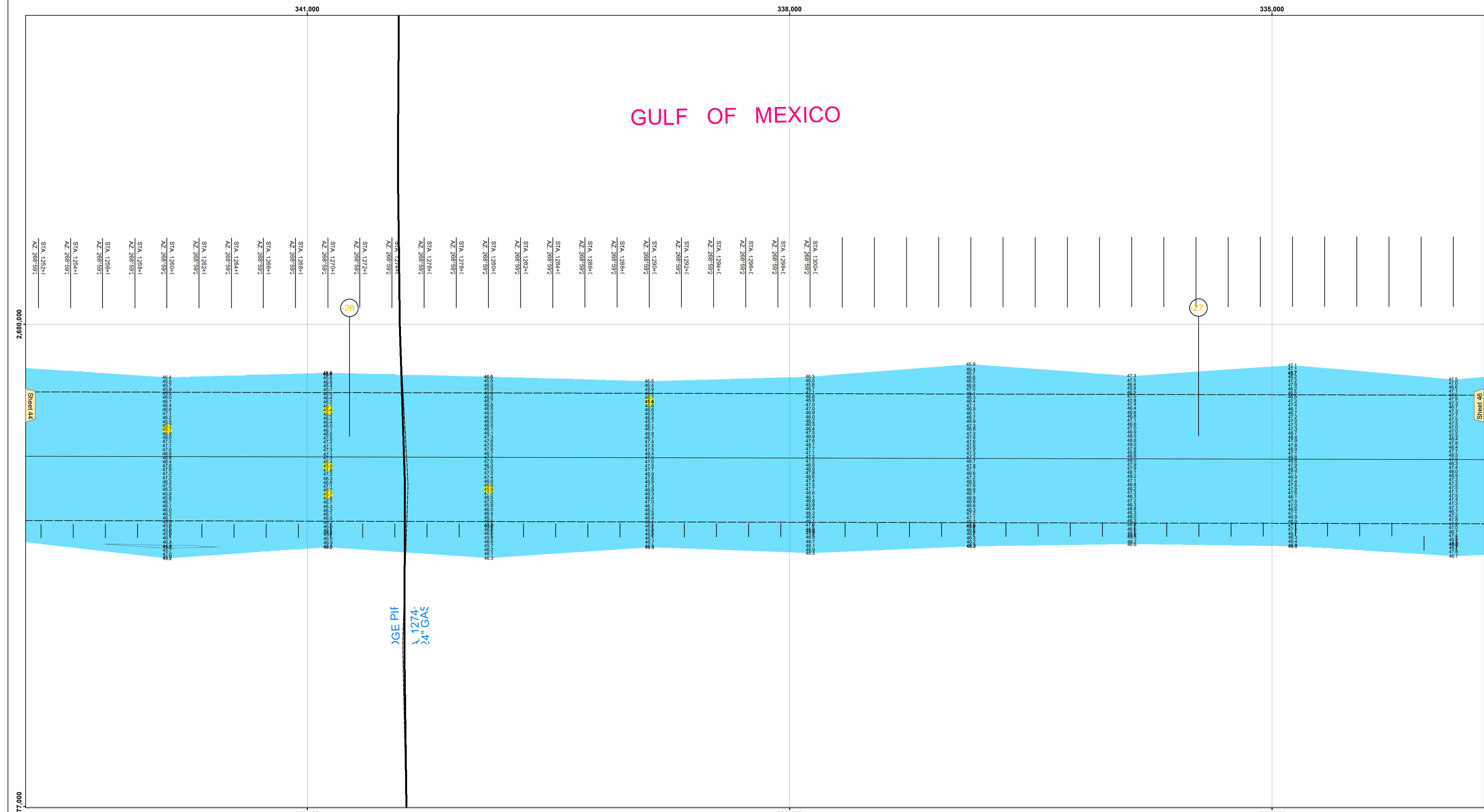
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U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT. Surveyed By: SP-JS, Plotted By: AO, Checked By: AO. Recommended: Chief Survey Section, Approved: Chief Waterways Maintenance Section.

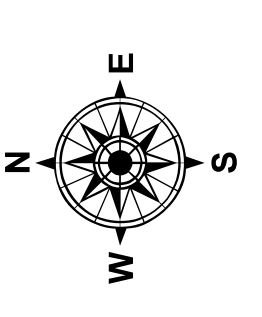
CALCASIEU SHIP CHANNEL BAR SHEET 45 CR_45_BAR_20230503_CS 03 May 2023

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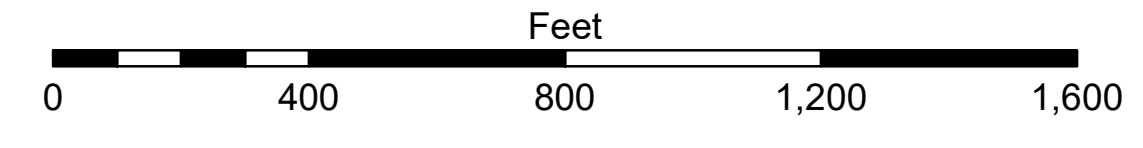
Revision Number: 4.2-20230420



LEGEND: Federal Navigation Channel, Federal Navigation Center Line, As-built Pipeline/Cable, Unconfirmed Pipeline/Cable, Project Depth Contour, Cable Area, Placement Area, Anchorage Area, Obstruction Point, Wrecks-Submerged, Fluff Thickness (feet)*, Shoalest Sounding**, Beacon, General, Red Navigation Buoy, Green Navigation Buoy, and depth ranges from -16' to -43' and below.



Gage Reading: CAMERON AUTO: 1.3 MLLW AVG. Sea Conditions: CALM. Vessel Name: MV TECHE. Survey Type: CONDITION. Sounding Frequency***: LOW.



NOTES: 335,000 North American Datum of 1983 (NAD83), projected to the State Plane Coordinate System (SPCS), Louisiana South Zone. Vertical Datum: Soundings are shown in feet and indicate depths below Mean Lower Low Water Datum (MLLW). Reference is N.O.A.A. Navigation Chart No. 11339. * Difference between high and low frequency elevations where greater than 1.0'. ** Shoalest Sounding per Quarter per Reach. *** 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.