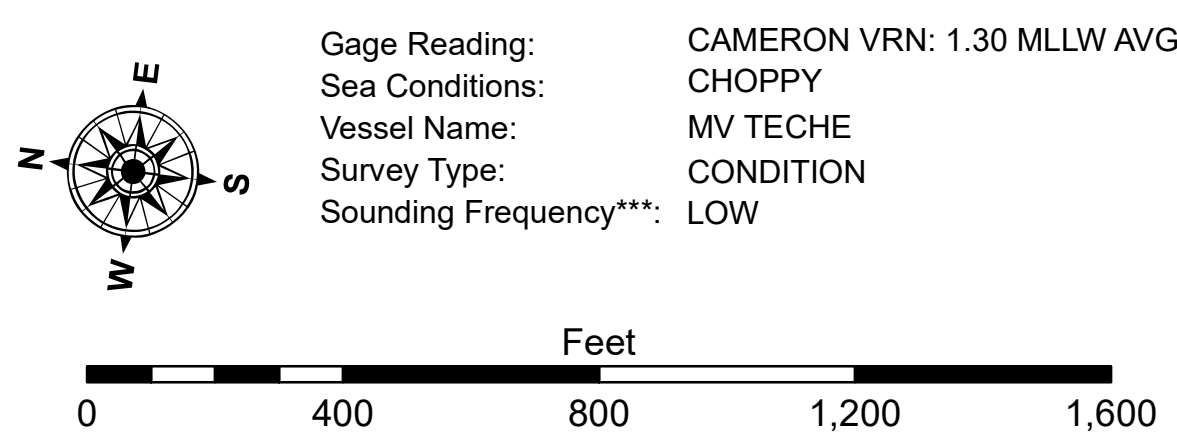


LEGEND			
--- Federal Navigation Channel	○ Cable Area	3 Fluff Thickness (feet)*	-16' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	-16' to -21'
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	-21' to -26'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	-26' to -33'
— Project Depth Contour	⊗ Wrecks-Submerged	◆ Green Navigation Buoy	-33' to -39'
			-39' to -41'
			-41' to -43'
			-43' and below



NOTES:
 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.
 Vertical Datum:
 Soundings are shown in feet and indicate depths below Mean Lower Low Water Datum (MLLW).
 Datum Relationships for gage 73650 as of December 2013:
 0.0' NAVD88 (2009.55) = 1.3' MLLW = 2.3' MLG or 0.0' MLLW = 1.0' MLG
 Distances on the Calcasieu River are shown at 1 mile intervals.
 The location of navigation aids are base on and provided by the U.S. Coast Guard
 and USACE survey crews.
 2015 Aerial Photography data source: NAIP
 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. Low frequency (20 kHz)
 survey data normally penetrates through this "fluff" layer to depict elevations of consolidated bottom
 material. Low frequency accuracies may vary depending on channel conditions and fathometer
 settings.



DISCLAIMER
 Access, Contaminants, The United States Government furnishes
 these data and the recipient accepts and uses them with the express
 understanding that the United States Government makes no warranty,
 expressed, or implied concerning the accuracy, completeness,
 reliability, usability or suitability, for any particular purpose of the
 information furnished. The user is responsible for the results
 obtained from the use of the information furnished for the intended
 purpose.
 Data Constants: Hydrographic survey data is subject to change
 rapidly due to several factors including, but not limited to, changing
 hydrographic conditions which develop after the date of the
 survey. The user is responsible for the results obtained from the
 information furnished. The user is responsible for the results
 obtained from the use of the information furnished for the intended
 purpose.
 The information depicted on this map represents the results of a
 survey conducted on the date indicated on the map. It is not to be
 used for navigation purposes. The user is responsible for the
 results obtained from the use of the information furnished for the
 intended purpose.

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

**CALCASIEU SHIP CHANNEL
 BAR SHEET 32
 CR_32_BAR_20240819_AD
 19 August 2024**

**Sheet
 Reference
 Number
 32 of 53**

Revision Number:
 4.2-20240420