






















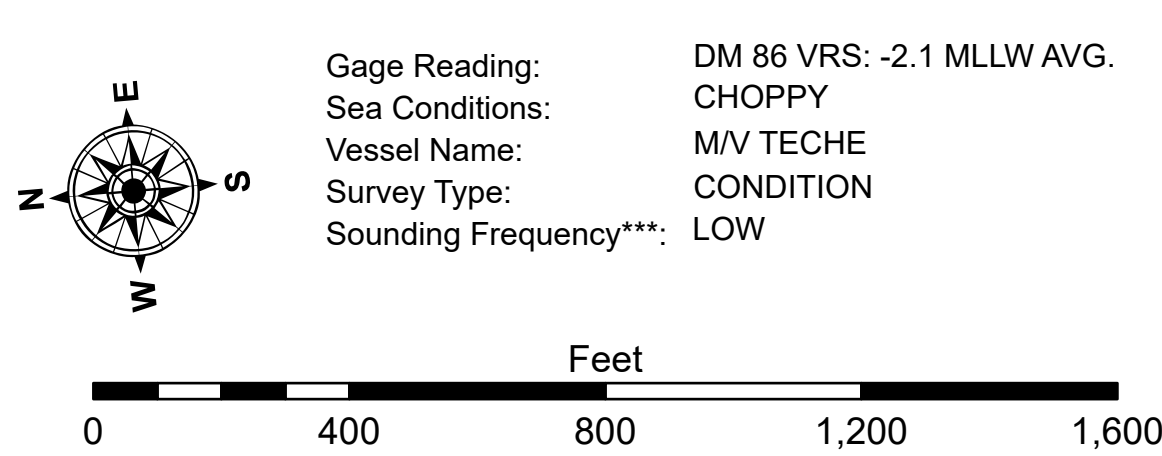


LEGEND							
 Federal Navigation Channel	 Cable Area	 Fluff Thickness (feet)*		-16' and above			
 Federal Navigation Center Line	 Placement Area	 Shoalest Sounding**		-16' to -21'			
 As-built Pipeline/Cable	 Anchorage Area	 Beacon, General		-21' to -26'			
 Unconfirmed Pipeline/Cable	 Obstruction Point	 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)
or MLLW Relationships for gage 73556 as of December 2013.
 $0.0' \text{ NAD83 (CPUS 2013)} = 0.9' \text{ MLLW} = 1.9' \text{ MLG}$ or $0.0' \text{ MLLW} = 1.0' \text{ MLG}$

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.

2022 Aerial Photography data source: PAR LLC

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)
sounding data normally penetrates through this "fluff" layer to depict elevations of consolidated bot-
tom material. Low frequency accuracies may vary depending on channel conditions and fathometer
settings.

Sheet
Reference
Number
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