



Collection Usability. The data represents the results of data collection processing for specific US Army Corps of Engineers activity and indicates the general operating conditions. As such, it is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results of any of the application of the data for other than its intended purpose.

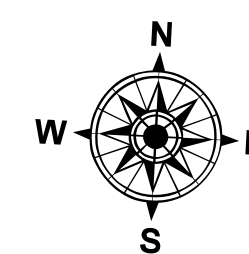
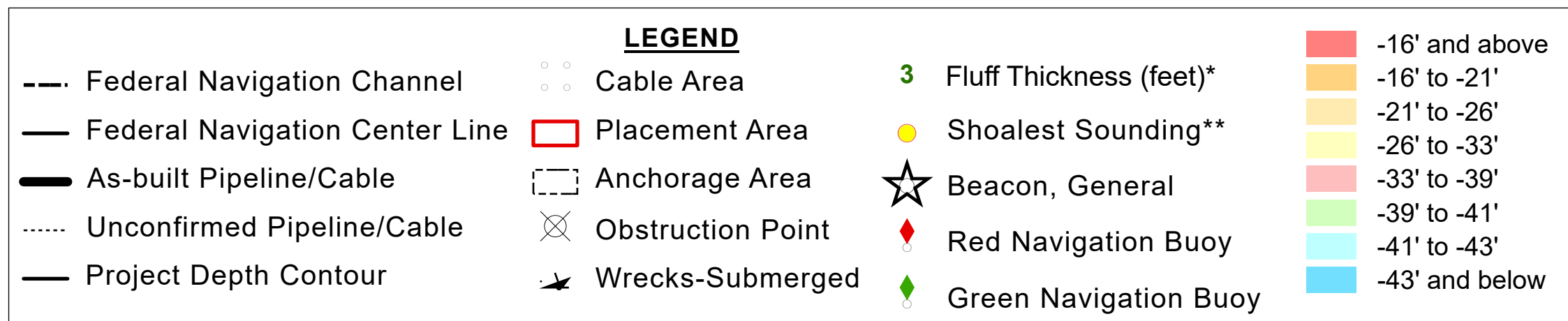
Data Constraints. Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging activity and natural shoaling and scouring processes. The U.S. Army Corps of Engineers accepts no responsibility for changes in publication. This data is intended for use by U.S. Army Corps of Engineers personnel. This data is intended to not rely solely upon it.

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U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		Submitted: _____	Reviewed By: <u>SP,JS</u>
Recommended: _____	Chief Survey Section	Plotted By: <u>BD</u>	
Approved: _____	Chief Waterways Maintenance Section	Checked By: <u>AOJH</u>	

CALCASIEU SHIP CHANNEL
DEVIL'S ELBOW - SH 2
CR_51_DE2_20250812_CS
12 August 2025

Sheet
Reference
Number
51 of 53

Revision Number:
5.25.04.03-5.25.04.03

Gage Reading: DM 92 VRN: 1.88 MLLW AVG.
Sea Conditions: CALM
Vessel Name: M/V TECHE
Survey Type: CONDITION
Sounding Frequency***: LOW

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 73585 as of December 2013:
0.0' NAVD88 (OPUS 2013) = 0.8' MLLW = 1.8' 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 based 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)
survey 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.