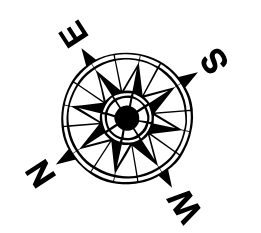


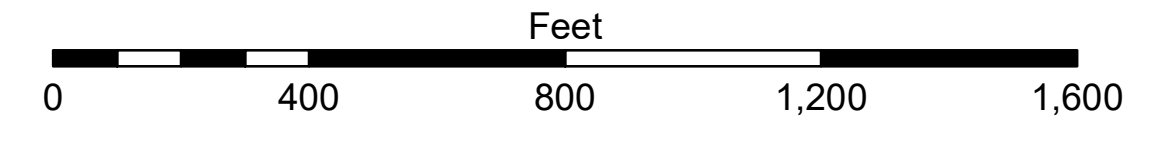
LEGEND

| | | | |
|----------------------------------|---------------------|---------------------------|------------------|
| --- 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 |



Gage Reading:
Sea Conditions:
Vessel Name:
Survey Type:
Sounding Frequency***: LOW

LAKE CHARLES VRN: 0.5 MLLW AVG
CALM
MV TECHE
CONDITION
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 73550 as of December 2013:
0.0' NAVD83 (OPUS 2010) = 0.6' MLLW = 1.6' 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.
2022 Aerial Photography data source: PAR LLC
Reference is N.O.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:
The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not guaranteed for accuracy, completeness, reliability, usability or suitability for any particular purpose of the recipient. The user is responsible for the results of the use of the data. The recipient agrees to indemnify the United States Government from and hold it harmless from any and all claims, damages, costs and expenses, including reasonable attorneys' fees, that may be asserted against or incurred by the United States Government as a result of the use of the data for other than the intended purpose.
Data Constraints: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging, shoaling, and other changes in the channel. The recipient agrees to accept responsibility for changes in the hydrographic conditions which develop after the date of the survey. The recipient shall not rely solely upon this data for navigation purposes. Prudent mariners should not rely solely upon it.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

| | | | |
|--------------|--------------------------------------|-------------------|----------------------|
| Submitted: | Surveyed By: SP-JS | Plotted By: BD | Checked By: AD/JH |
| Recommended: | Chart, Survey Section | | |
| Approved: | Chart, Waterways Maintenance Section | | |

**CALCASIEU SHIP CHANNEL
CLOONEY ISLAND
CR_52_CLL_20240222_CS
22 February 2024**

**Sheet Reference Number
52 of 53**

Revision Number:
42-20240428