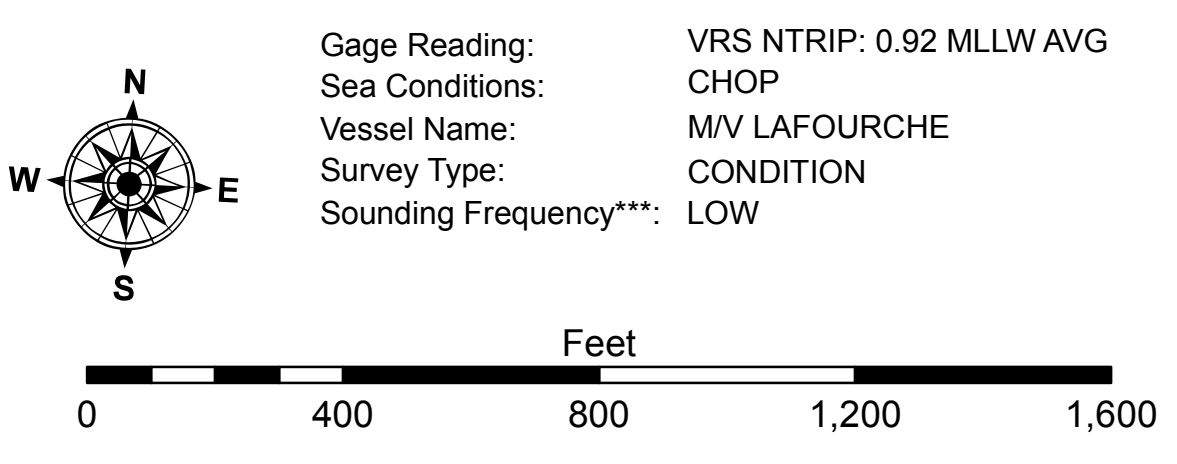


| LEGEND                           |                     |                           |
|----------------------------------|---------------------|---------------------------|
| --- Federal Navigation Channel   | ○ Cable Area        | 3 Fluff Thickness (feet)* |
| — Federal Navigation Center Line | □ Placement Area    | ● Shoalest Sounding**     |
| — As-built Pipeline/Cable        | ⊗ Anchorage Area    | ★ Beacon, General         |
| ..... Unconfirmed Pipeline/Cable | ⊗ Obstruction Point | ◆ Red Navigation Buoy     |
| — Project Depth Contour          | ⚓ Wrecks-Submerged  | ◆ Green Navigation Buoy   |



Gage Reading: VRS NTRIP: 0.92 MLLW AVG  
 Sea Conditions: CHOP  
 Vessel Name: MV LAFORCHE  
 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' NAVD83 (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 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. 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 warranted for any purpose other than that for which they were collected. The user is responsible for the accuracy, completeness, or implied warranty of any particular purpose of the data. The user shall indemnify and hold the United States Government harmless from and against all claims, damages, losses, and expenses, including reasonable attorneys' fees, that may be incurred by the United States Government as a result of the use of the data for any purpose other than that for which they were collected. The recipient may not transfer these data to others without obtaining the permission of the United States Government. The information depicted on this map represents the results of a survey conducted on or about the date shown on the map. It is not intended to represent the general condition existing at that time.

|  |                                      |                   |
|--|--------------------------------------|-------------------|
| U.S. ARMY CORPS OF ENGINEERS<br>NEW ORLEANS DISTRICT |                                      |                   |
| Submitted:   | Surveyed By:<br>SPPS                 | Plotted By:<br>JH |
| Recommended:   | Chief, Survey Section                | Checked By:<br>JH |
| Approved:  | Chief, Waterways Maintenance Section |                   |

**CALCASIEU SHIP CHANNEL  
 DEVIL'S ELBOW - SH 2  
 CR\_51\_DE2\_20220426\_CS  
 26 April 2022**

**Sheet Reference Number  
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