



LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- As-built Pipeline/Cable
- Unconfirmed Pipeline/Cable
- Project Depth Contour
- Cable Area
- Placement Area
- Anchorage Area
- ⊗ Obstruction Point
- ✈ Wrecks-Submerged
- Borrow Area
- Shoalest Sounding**
- ☆ Beacon, General
- ◆ Red Navigation Buoy
- ◆ Green Navigation Buoy
- -15' and above
- -15' to -20'
- -20' to -25'
- -25' to -32'
- -32' to -38'
- -38' to -40'
- -40' to -42'
- -42' and below

Gage Reading: LAKE CHARLES: 1.3 MLG AVG
 Sea Conditions: CALM
 Vessel Name: M/V LAFOURCHE
 Survey Type: CONDITION
 Sounding Frequency***: LOW

Vertical Datum:
 Soundings are shown in feet and indicate depths below Mean Low Gulf Datum (MLG).
 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.

2010 Aerial Photography data source: NAIP
 Reference is N.O.A.A. Navigation Chart No. 11339.

*** 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.



DISTRICT
 U.S. ARMY CORPS OF ENGINEERS
 NEW ORLEANS DISTRICT

Accession: JH/SPS
Plotted By: AIO
Checked By: TF

Submitted:
Recommended: Chief, Survey Section
Approved: Chief, Waterways Maintenance Section

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 The data represents the results of data collection for a specific project and is only valid for its intended use, control, time and accuracy specifications. The user is responsible for the results of the application of the data for other than its intended purpose.

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Disclaimer: Hydrographic survey data is subject to change due to several factors including but not limited to dredging operations, changes in channel conditions, and changes in bathymetry. The user is responsible for the results of the application of the data for other than its intended purpose. The information depicted on this map represents the results of a survey conducted on the date indicated and is not intended to represent the general condition existing at that time.

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