



LEGEND

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

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 73650 as of December 2013:
0.0' NAVD83 (2009.55) = 1.3' MLLW = 2.3' 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 bottom material. Low frequency accuracies may vary depending on channel conditions and fathometer settings.



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U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Submitted:	Surveyed By: SPPS	Plotted By: AO
Recommended:	Checked By: AO	Checked By: AO
Approved:	Checked By: AO	

**CALCASIEU SHIP CHANNEL
GAP SHEET 27
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09 August 2022**

**Sheet
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