



DISCLAIMER

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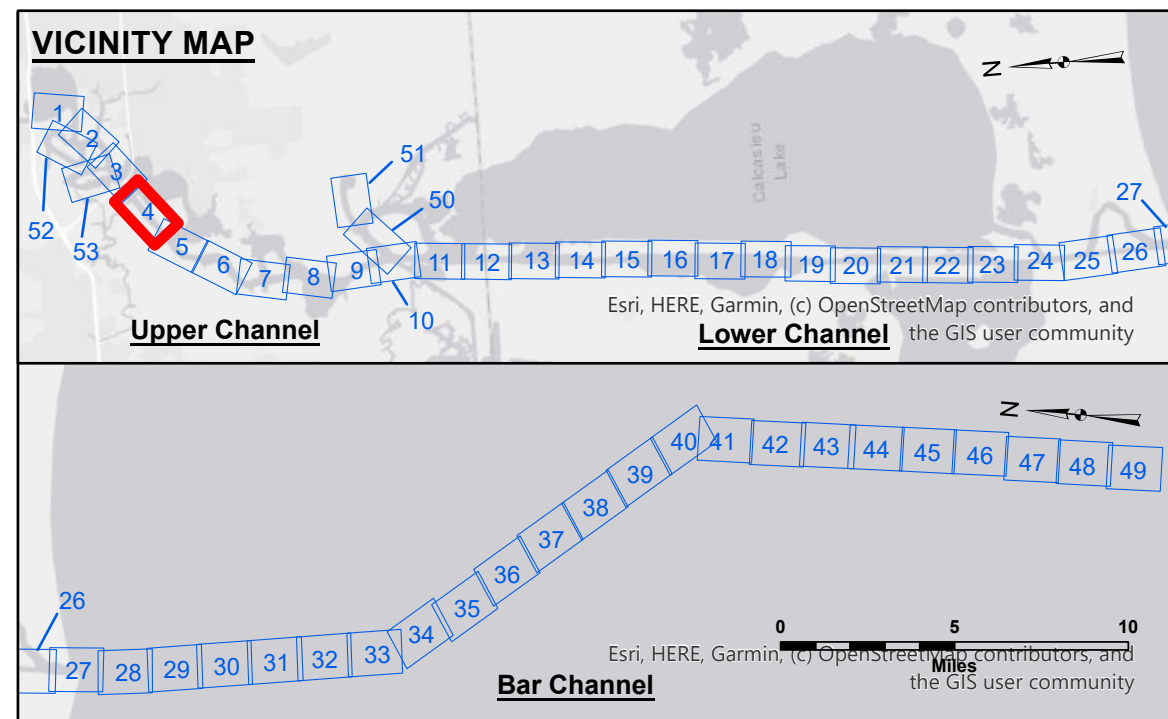
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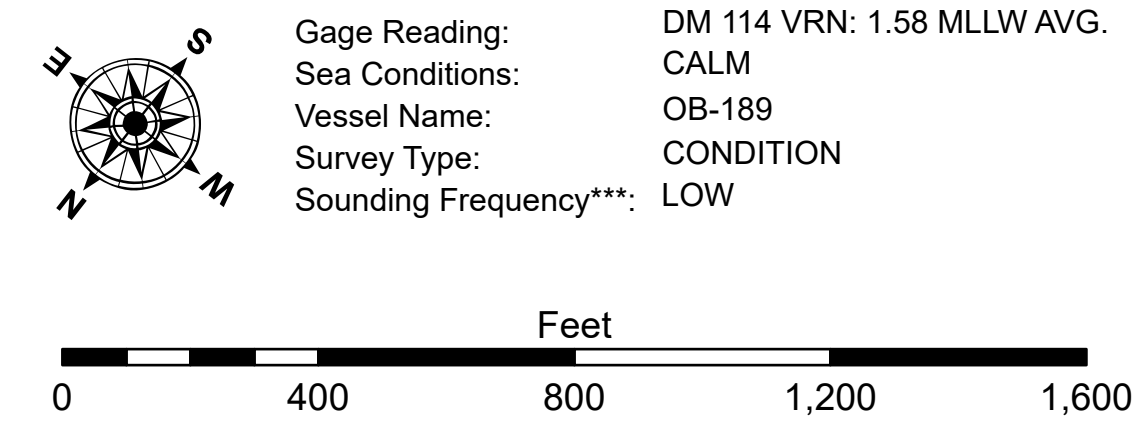
U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		Submitted: _____	Reviewed By: SP-15
Recommended: _____	Chief, Survey Section	Plotted By: BD	
Approved: _____	Chief, Waterways Maintenance Section	Checked By: KOUJ	

CALCASIEU SHIP CHANNEL
UPPER SHEET 4
CR_04_UPR_20260623_CS
23 June 2026

**Sheet
Reference
Number**
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- | LEGEND | | | | | | | |
|---|--------------------------------|---|-------------------|---|-------------------------|---|----------------|
|  | Federal Navigation Channel |  | Cable Area |  | 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 |



NOTES: 620,000

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 given in feet and indicate depths below Mean Lower Low Water Datum (MLLW).
Datum Relationships for gage 73565 as of December 2013:
0.0' NAVD88 (OPUS 2013) = 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 shown and provided by the U.S. Coast Guard
and USACE survey crews.

Aerial Photography data source: BUMP 2026 (DOQQ 1998 in transparent green)

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.