CORPS OF ENGINEERS

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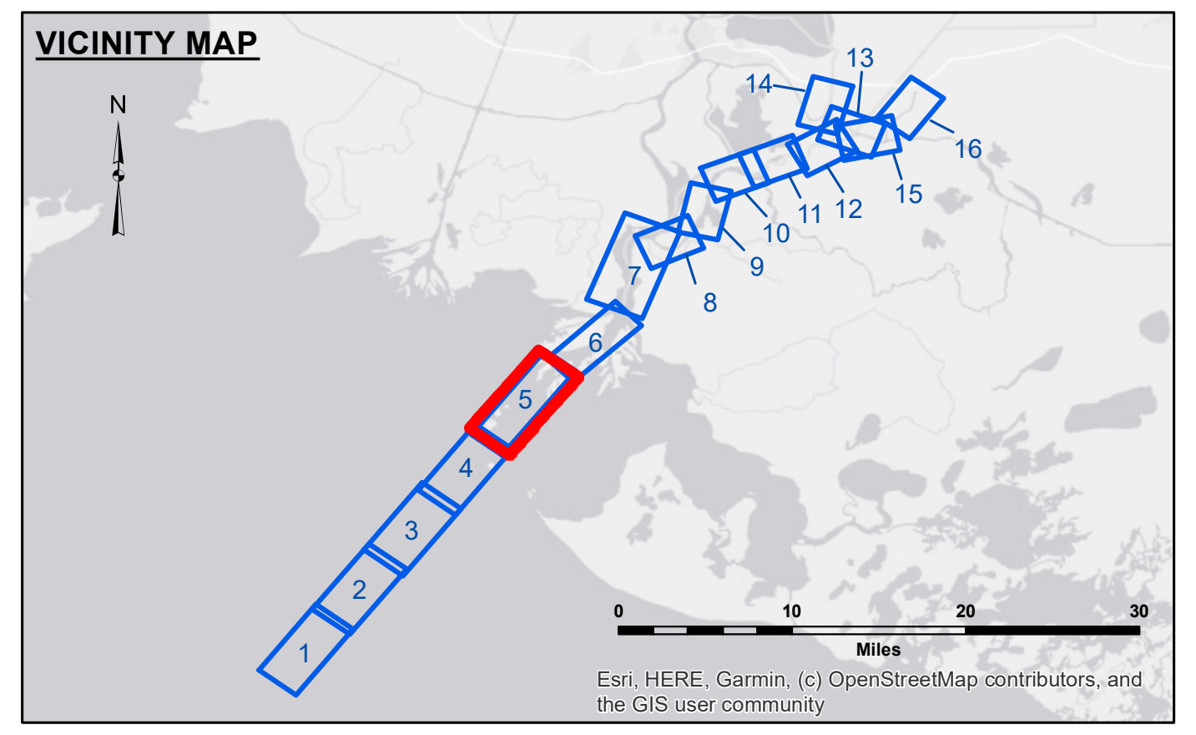
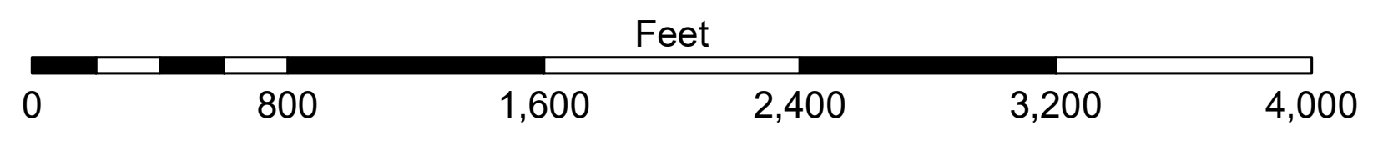


Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community

LEGEND

- - -	Federal Navigation Channel	° ° °	Cable Area	▭	Borrow Area	🟨	-12' and above
—	Federal Navigation Center Line	🟥	Placement Area	●	Shoalest Sounding**	🟥	-12' to -15'
▬	As-built Pipeline/Cable	⬚	Anchorage Area	☆	Beacon, General	🟩	-15' to -18'
┄	Unconfirmed Pipeline/Cable	⊠	Obstruction Point	♦	Red Navigation Buoy	🟦	-18' to -20'
—	Project Depth Contour	✈	Wrecks-Submerged	♦	Green Navigation Buoy	🟦	-20' and below
						3	Fluff Thickness*

Gage Reading:	EUGENE IS: 2.8 MLG
Sea Conditions:	CALM
Vessel Name:	M/V LAFOURCHE
Survey Type:	CONDITION
Sounding Frequency***:	HIGH



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 Low Gulf Datum (MLG).
Datum Relationships for the gage 88600 as of August 2013:
0.0' NAVD88 = 0.6' MLLW = 1.5' MLG

Distances on the Atchafalaya River are shown at 1 mile intervals.

The location of navigation aids are base on and provided by the U.S. Coast Guard.

2019 Aerial Photography data source: PAR, LLC. (1998 DOQQ imagery in green).

Reference is N.O.A.A. Navigation Chart No. 11354.

** 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 consoldiated bottom material. Low frequency accuracies may vary depending on channel conditions and fathometer settings.

US Army Corps
of Engineers
District: CEMVN

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The information depicted on this map represents the results of a survey conducted on the date indicated and can only be considered to represent the general condition existing at that time.

Distribution Liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results of any of the application of the data for other than its intended purpose.

Data Constraints: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging activity and natural shoaling and scouring processes. The U. S. Army Corps of Engineers accepts no responsibility for changes in the hydrographical conditions which develop after the date of publication. This data is intended for U. S. Army Corps of Engineers' internal use. Prudent mariners should not rely solely upon it.

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Checked By:
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U.S. ARMY COPRPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:

Recommended:
Chief, Survey Section

Approved:
Chief, Waterways Maintenance Section

ATCHAFALAYA RIVER
LOWER BAY CHANNEL
AR_05_BAY_20201110_CS
10 November 2020

Sheet
Reference
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