**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.

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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.

U.S. ARMY COPRPS OF ENGINEERS
NEW ORLEANS DISTRICT

Surveyed By: DR,JA
Plotted By: BD
Checked By: AO

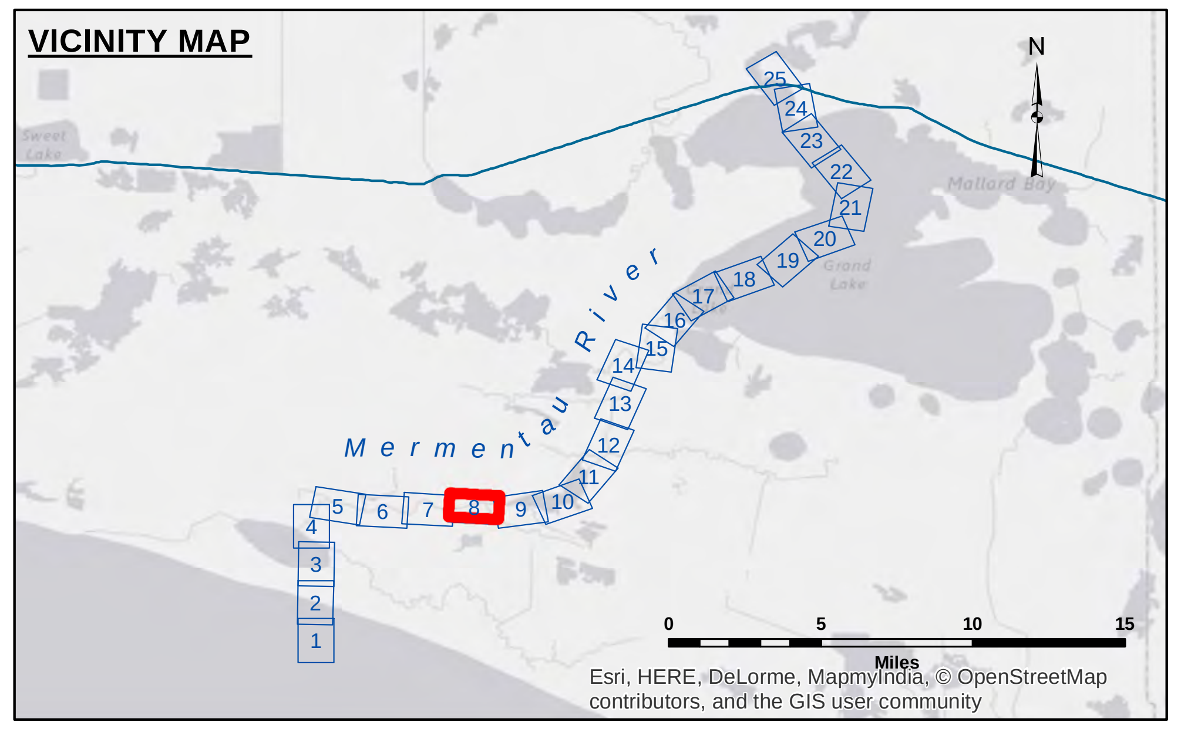
Submitted: ______
Recommended: ______
Chief, Survey Section
Approved: ______
Chief, Waterways Maintenance Section

# MERMENTAU RIVER
# LOWER RIVER
# MM_08_LWR_20161025
# 25 October 2016

**Sheet Reference Number**
8 **of** 25

Revison Number:
3.8.0-20150202

**VICINITY MAP**



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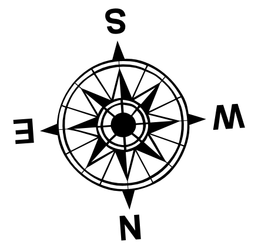
**LEGEND**

- 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' and below



| | |
|---|---|
| Gage Reading: | HIGHWAY 82: 3.42 MLG |
| Sea Conditions: | CALM |
| Vessel Name: | M/V OB 189 |
| Survey Type: | CONDITION |
| Sounding Frequency***: | HIGH |

Feet
0 500 1,000

**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).

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

2010 Aerial Photography data source: NAIP. 1998 DOQQ imagery shown in green from USGS.

Reference is N.O.A.A. Navigation Chart No. 11344 and 11348.

** 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.