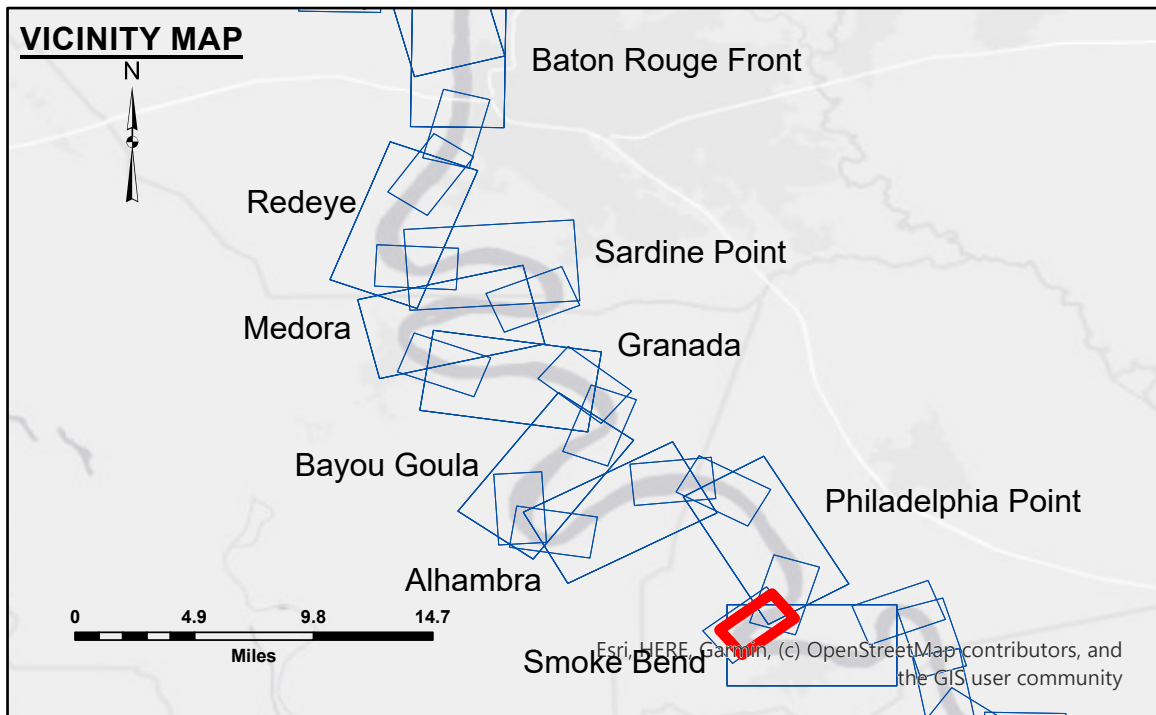
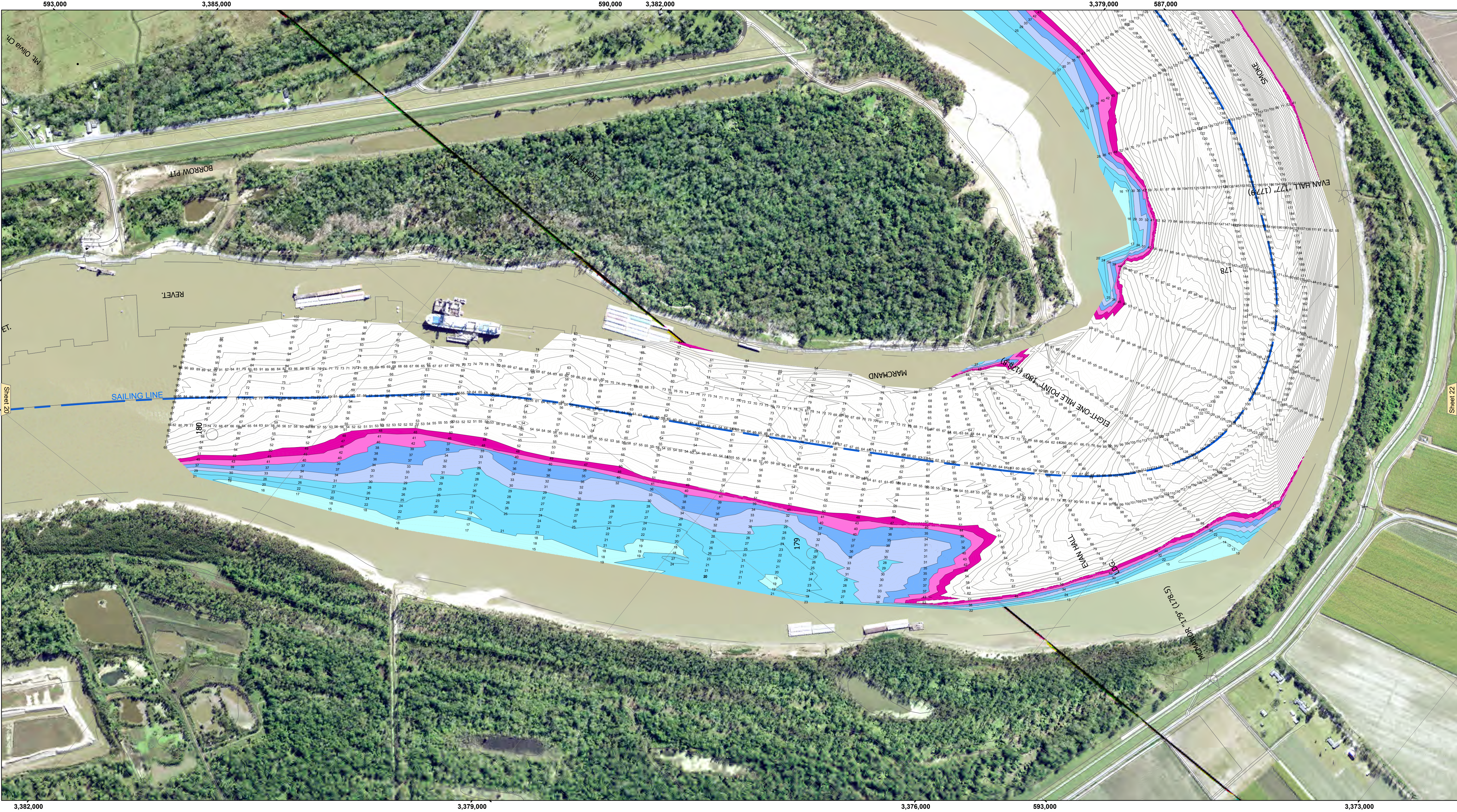




**LEGEND**

--- 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

■ Shoaling Area

● Shoalest Sounding\*\*

★ Beacon, General

◆ Red Navigation Buoy

◇ Green Navigation Buoy

0' and above

0' to -5'

-5' to -10'

-10' to -20'

-20' to -30'

-30' to -35'

-35' to -40'

-40' to -45'

-45' to 50'

-50' and below

LWRP: 1.5

Gage Reading: BR:5.6 D:2.9 USED:3.1 NAVD

Sea Conditions: CALM

Vessel Name: OB-169

Survey Type: CONDITION

Sounding Frequency\*\*: HIGH

Feet

0 500 1,000 1,500 2,000 2,500

**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 Low Water Reference Plane 2007 (NAVD).

Distances on the Mississippi River, above and below Head of Passes are shown  
at 1 mile intervals.

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

2021 Aerial Photography data source: NAIP, USDA-FSA-APFO Aerial Photography Field Office.

Reference is N.O.A. Navigation Chart No. 11370.

\*\* Shoalest Sounding per Quarter per Reach.

MISSISSIPPI RIVER - B.R. TO GULF  
81 MILE POINT  
MD\_21\_81PX\_20251124\_CS  
24 November 2025

Sheet  
Reference  
Number  
21 of 97

Revision Number:  
5.25.06.04-5.25.08.04

| U.S. ARMY CORPS OF ENGINEERS<br>NEW ORLEANS DISTRICT |                       |  |
|------------------------------------------------------|-----------------------|--|
| Submitted                                            | Surveyed By:<br>PM/LT |  |
| Recommended:<br>Chief Survey Section                 | Plotted By:<br>BD     |  |
| Approved:<br>Chief Waterways Maintenance Section     | Checked By:<br>AO/JH  |  |

**DISCLAIMER:** The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were originally collected, processed, or implied concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the recipient. The user is responsible for the results of any of the application of the data for other than its intended purpose.

**Data Contents:** Hydrographic survey data is subject to change 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.

**Disclaimer:** The information depicted on this map represents the results of a survey conducted by the U.S. Army Corps of Engineers. The U.S. Army Corps of Engineers does not warrant the accuracy of the data or 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.

