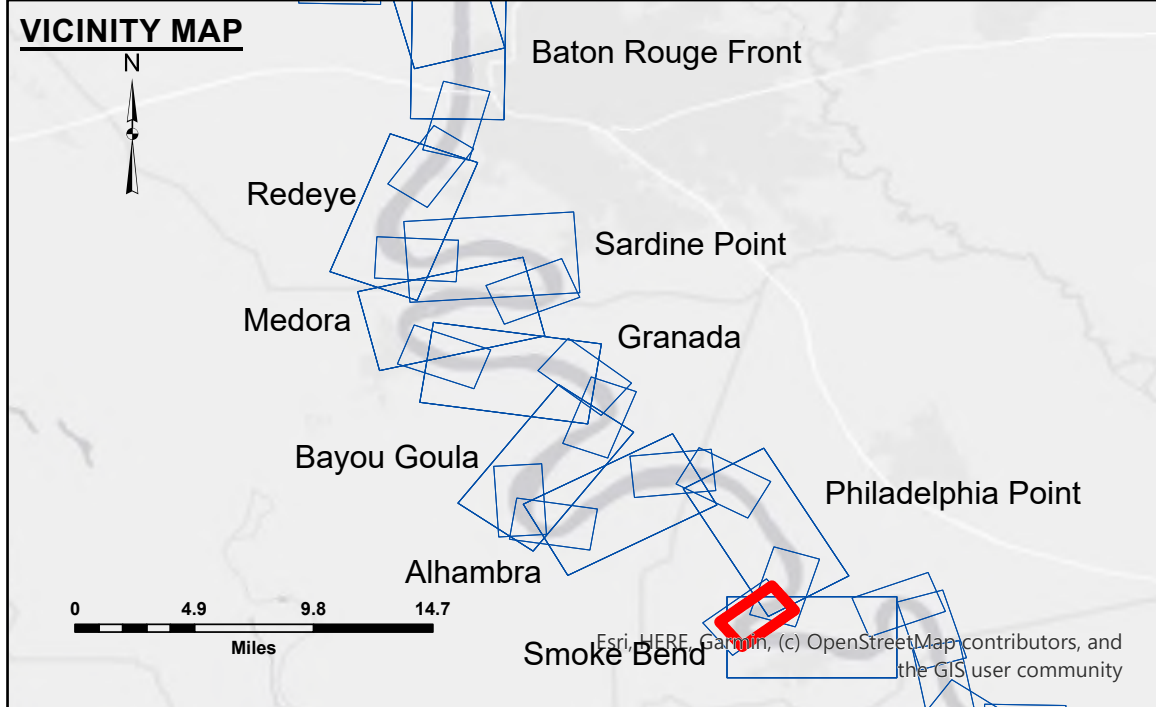
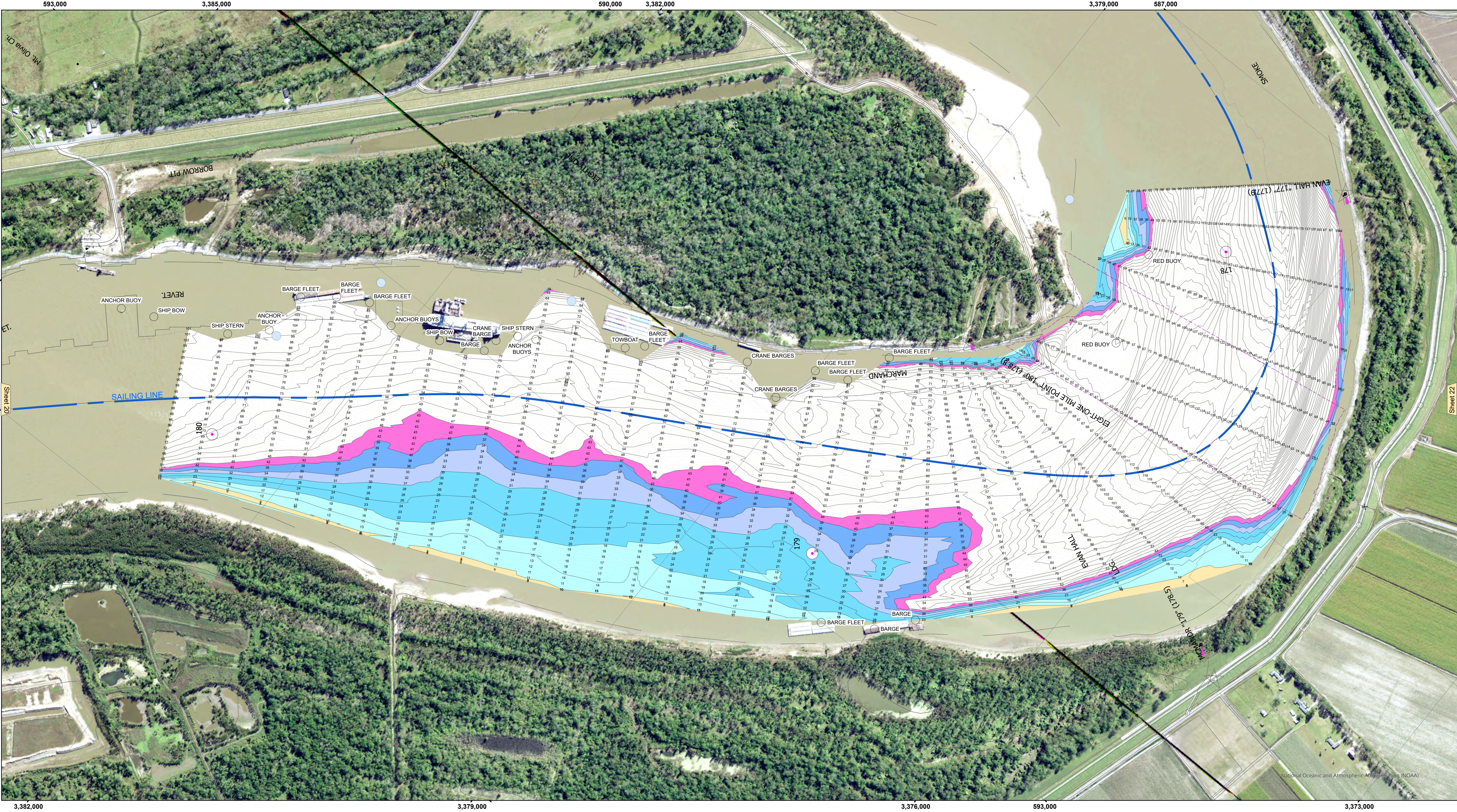




LEGEND

--- 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' and below

LWRP: 1.5

Gage Reading: BR:6.4 D:3.5 VRS:4.1 NAVD

Sea Conditions: CALM

Vessel Name: OB-189

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.

*** 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.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Submitted	Surveyed By: SPJS	
Recommended	Plotted By: BD	
Approved	Chief Survey Section	Checked By: AOJH
	Chief Waterways Maintenance Section	

MISSISSIPPI RIVER - B.R. TO GULF
81 MILE POINT
MD_21_81PX_20250918_CS
18 September 2025

Sheet
Reference
Number
21 of 97

Revision Number:
5.25.04.03-5.25.04.03

US Army Corps
of Engineers
District: CEMVN

DISCLAIMER

These data and the recipient accepts and uses them with the express
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any errors or omissions in the data, and that the data is not intended
for any purpose other than that for which it was collected.

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The data was collected by the U.S. Army Corps of Engineers
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DATA LIMITATIONS

The data is subject to the same accuracy and reliability as the data
collected by the U.S. Army Corps of Engineers.

DATA USAGE

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collected by the U.S. Army Corps of Engineers.