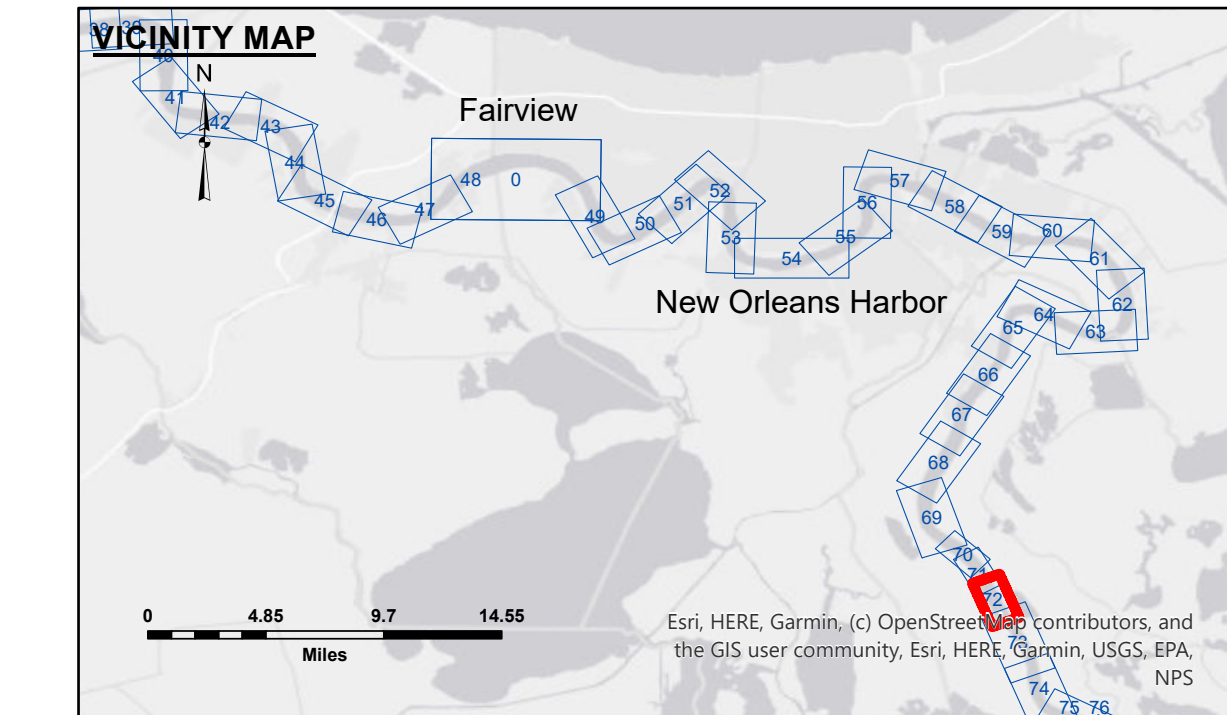
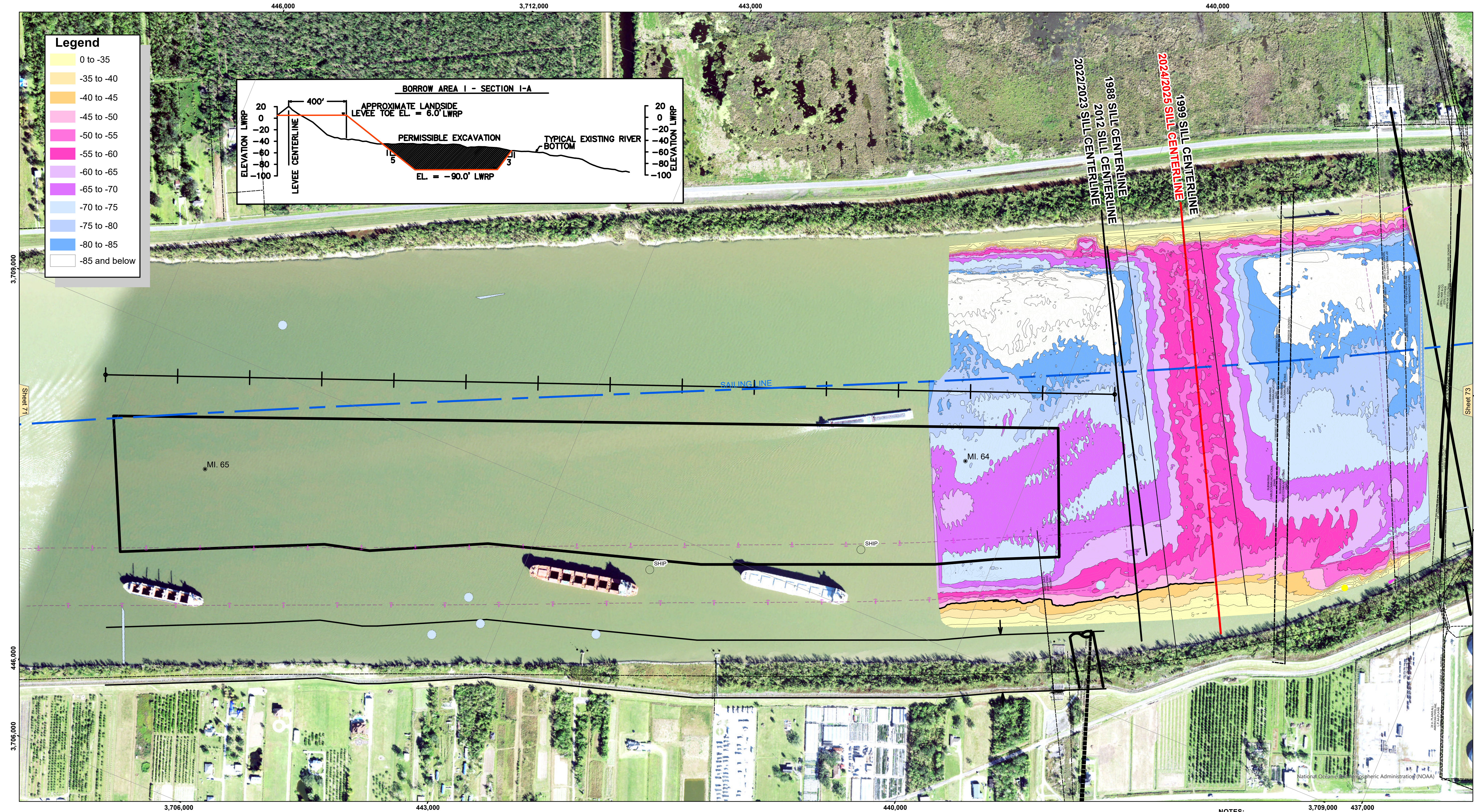




LEGEND			
--- Federal Navigation Channel	○ Cable Area	■ Shoaling Area	
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	
— Project Depth Contour	✈ Wrecks-Submerged	◆ Green Navigation Buoy	

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 (LWRP07).
Datum Relationships for Alliance (0.0' Gage Datum = 0.0' NAVD88 (2009.55) = 0.71' NGVD29 = -0.4' LWRP07)

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.

LWRP: 0.4
Gage Reading: ALLIANCE: 0.12 NAVD88
Sea Conditions: CALM
Vessel Name: OB-169
Survey Type: MB
Sounding Frequency***: 400KHZ

Feet
0 500 1,000 1,500

US Army Corps
of Engineers
District: CEMVN

DISCLAIMER: The data represented on this map is the result of a collection of data from various sources. The data is not intended to be used for any purpose other than the intended purpose. The user is responsible for the results of any application of the data for other than its intended purpose.

Data Constraints: 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.

The information depicted on this map represents the results of a survey conducted by the U.S. Army Corps of Engineers. The data is not intended to be used for any purpose other than the intended purpose. The user is responsible for the results of any application of the data for other than its intended purpose.

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

MISSISSIPPI RIVER - B.R. TO GULF
SALT WATER BARRIER BORROW 1
MD_72_SB3_20251218_CS_3X3
18 December 2025

Sheet
Reference
Number
72 of 97

Revision Number:
5.25.08.04-5.25.08.04