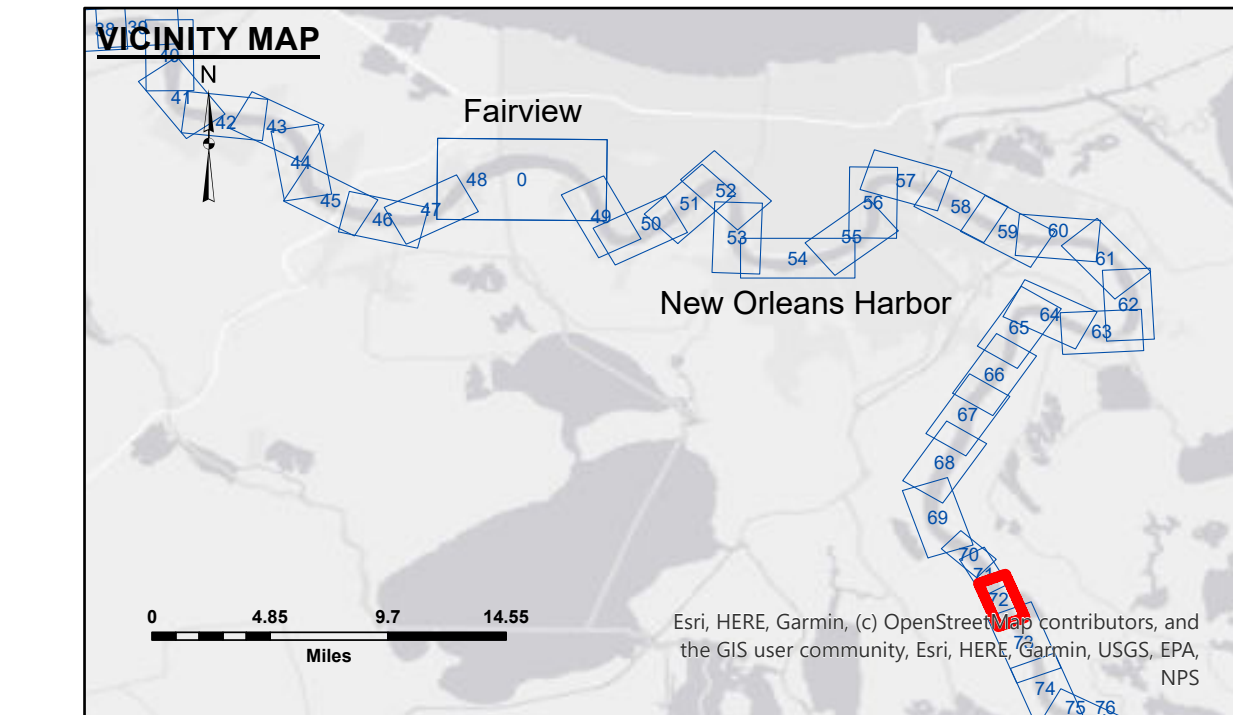
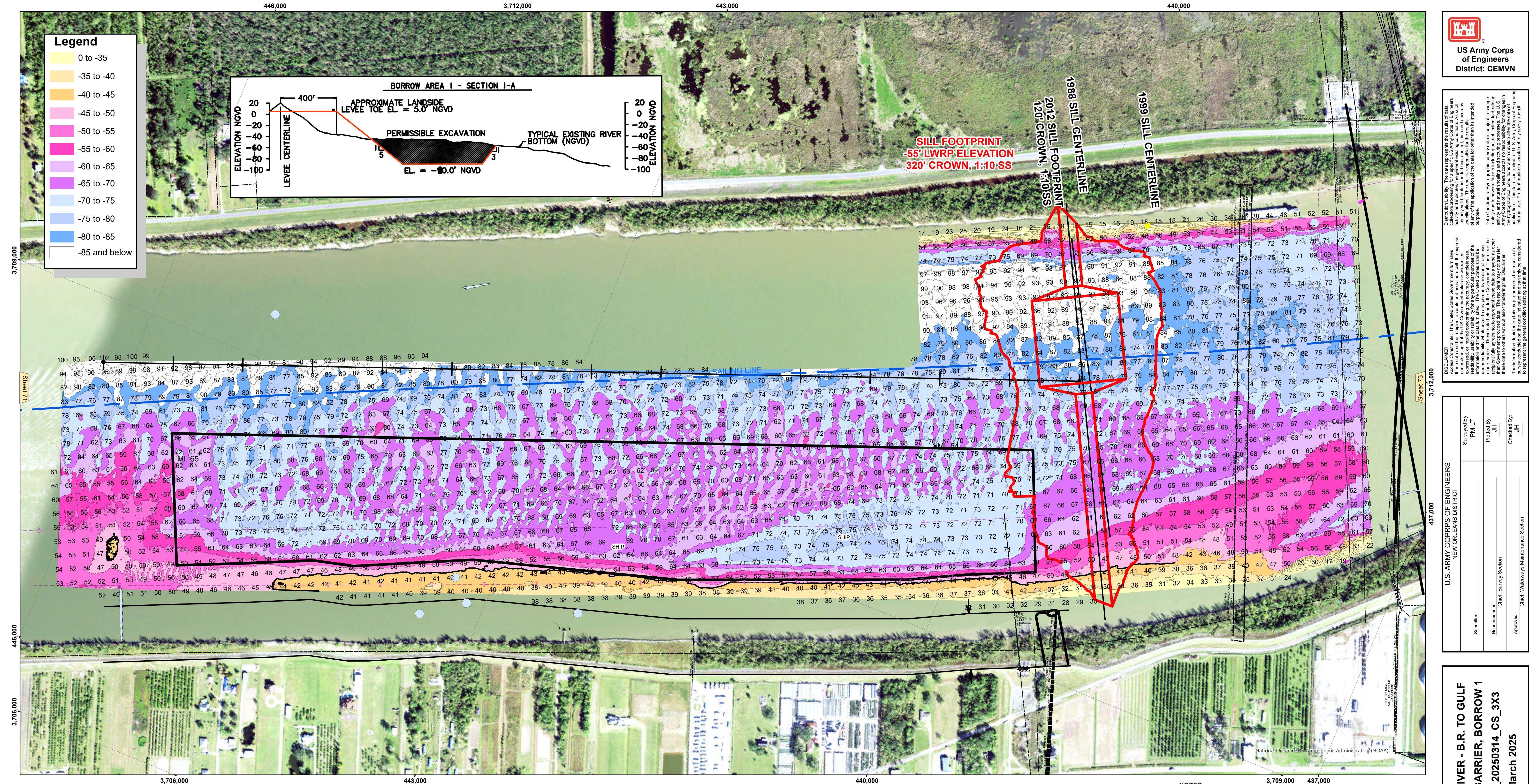




LEGEND			
--- Federal Navigation Channel	○ Cable Area	■ Shoaling Area	
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	
— Project Depth Contour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

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 (LWRP07).

Datum Relationships for Alliance (0.0' Gage Datum = 0.0' NAVD83 (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:
Gage Reading:
Sea Conditions:
Vessel Name:
Survey Type:
Sounding Frequency***: 400KHZ

0.4
ALLIANCE VRN: 5.58 NAVD88
ROUGH
DUCARPE
MB
400KHZ

0
500
1,000
1,500
Feet

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.

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Survey Type:
Sounding Frequency***: 400KHZ

0.4
ALLIANCE VRN: 5.58 NAVD88
ROUGH
DUCARPE
MB
400KHZ

0
500
1,000
1,500
Feet

**MISSISSIPPI RIVER - B.R. TO GULF
SALT WATER BARRIER, BORROW 1
MD_72_SB3_20250314_CS_3X3**

**Sheet
Reference
Number
72 of 97**

14 March 2025

Revision Number:
5.24.09.03-5.24.09.03

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT			
Submitted: _____	Surveyed By: _____ PM, LT _____		
Recommended: _____	Plotted By: _____ JH _____		
Approved: _____	Checked By: _____ JH _____		

DISCLAIMER: The data represented on this map was collected for a specific purpose and is not intended for any other use. The user is responsible for the results of any application of the data for other than its intended purpose.

Data Contents: Hydrographic survey data is subject to change and is not a permanent record. The data is not intended for activity and natural availing and routing processes. The U.S. Army Corps of Engineers does not warrant the accuracy of the data in the hydrographic 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 on it.

