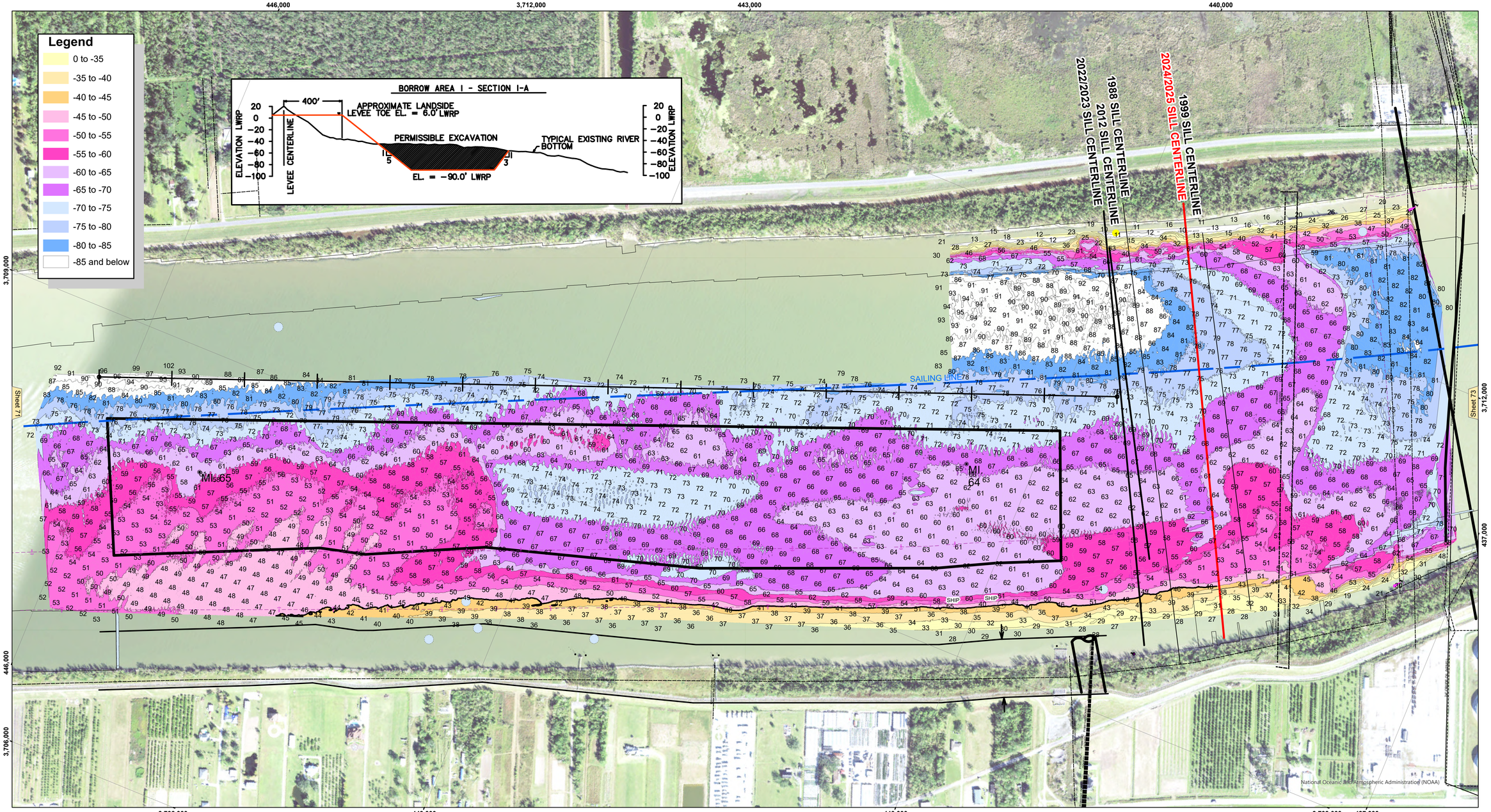
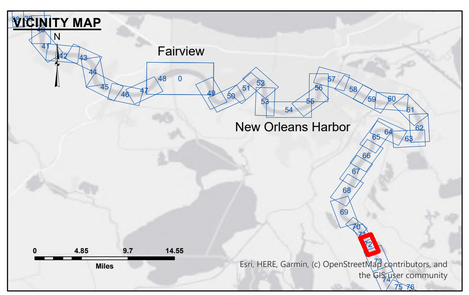




LEGEND

- 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

LWRP:	0.4
Gage Reading:	ALLIANCE RTN: 4.40 NAVD88
Sea Conditions:	CALM
Vessel Name:	OB169
Survey Type:	MB
Sounding Frequency***:	400KHZ

Feet
0 500 1,000 1,500

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 (LWRP07).

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

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.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.

US Army Corps of Engineers
District: CEMVN

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Access Constraints: The United States Government furnishes this map/chart/publication/data in good faith based on the understanding that the US Government makes no warranties, expressed, or implied concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the information and the data furnished. The United States shall be under no liability whatsoever to any individual or party for any reason or cause. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than Government data in any communication, report, briefing, or publication derived from these data. The recipient shall not release or pass on these data to others without also transferring this Disclaimer.

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Data Constraints: Hydrographic survey data is subject to change due to the dynamic nature of the environment in which the data is collected. The hydrographic conditions depicted may change after the date of publication. This data is intended for U. S. Army Corps of Engineers' internal use. Request received should be timely acted upon.

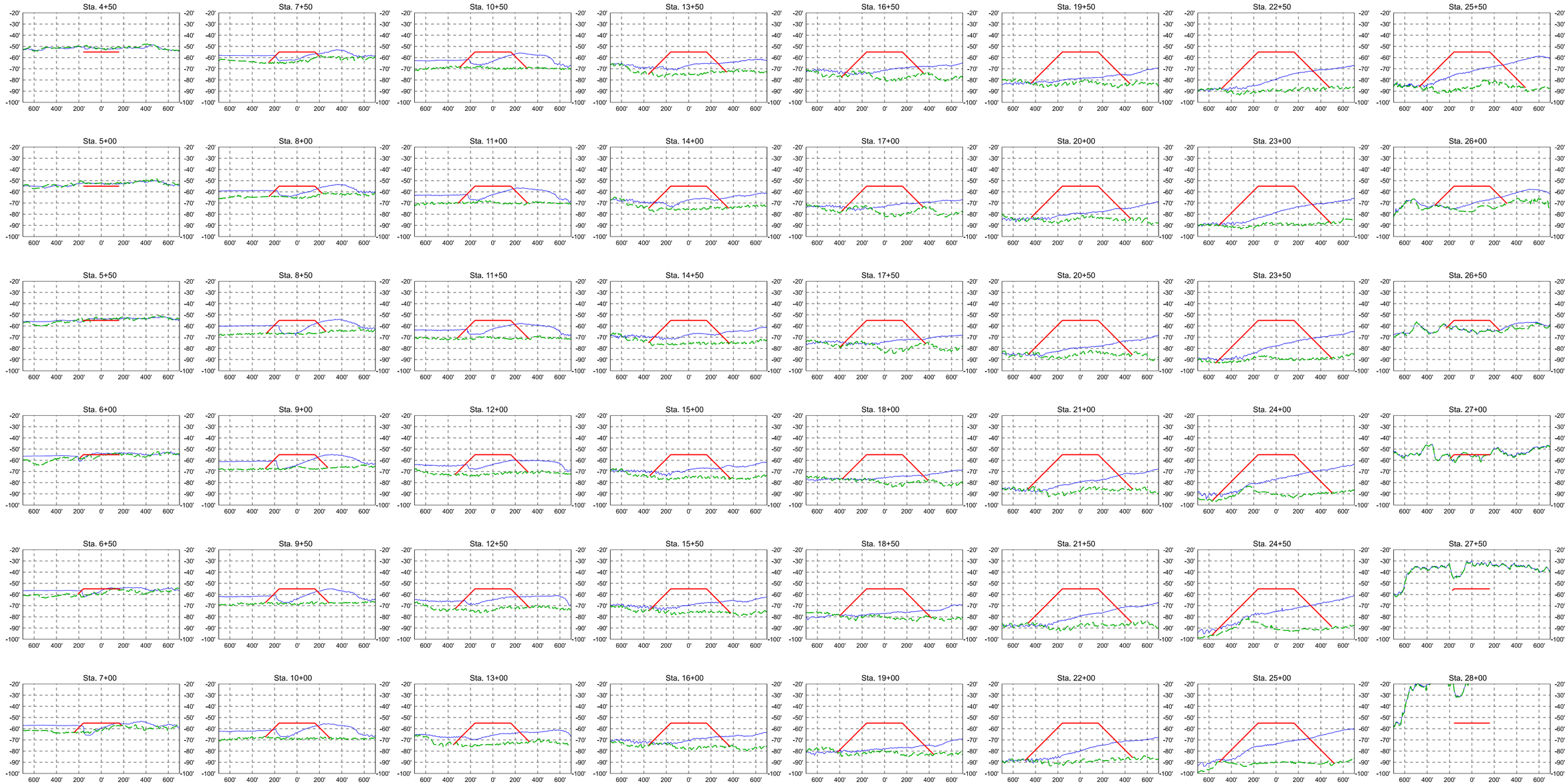
U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Surveyed By:	PM,LT
Plotted By:	JH
Checked By:	JH
Submitted:	
Recommended:	Chief, Survey Section
Approved:	Chief, Waterways Maintenance Section

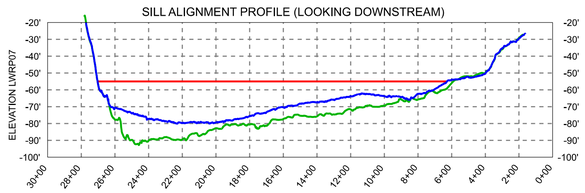
MISSISSIPPI RIVER - B.R. TO GULF
SALT WATER BARRIER BORROW 1
MD_72_SB3_20260714_CS_3X3
14 July 2026

Sheet Reference Number
72 of 97

Revison Number:
5.26.05.21-5.26.05.21



SILL ALIGNMENT PROFILE (LOOKING DOWNSTREAM)



US Army Corps of Engineers
NEW ORLEANS DISTRICT

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT
NEW ORLEANS, LOUISIANA

OPERATIONS DIVISION
TECHNICAL SUPPORT BRANCH
CHANNEL SURVEY FUNCTION

TECHNICIAN:	PM, LT
SURVEY VESSEL:	OB169
FREQUENCY:	400 kHz
PROCESSED BY:	JH
CHECKED BY:	JH

SILL DESIGN SHOWN: -55' LWRP ELEV.
320' CROWN WIDTH
1:10 SIDE SLOPES

LEGEND
16 SEP 2025 MULTIBEAM: USACE-ODT-C
14 JULY 2026 MULTIBEAM USACE-ODT-C

MISSISSIPPI RIVER HYDROGRAPHIC SURVEY
SALTWATER SILL
MILE 63.8

NOTES:
ALL ELEVATIONS ARE EXPRESSED IN FEET AND REFER TO THE LOW WATER REFERENCE PLANE OF 2007 (LWRP07).

PROJECTION..... LAMBERT CONFORMAL CONIC (SAMPLE: 30° 28' 0")
SYSTEM..... STATE PLANE, LOUISIANA SOUTH, ZONE 1702 (SAMPLE: 715 000 m)
HORIZONTAL DATUM..... NORTH AMERICAN DATUM 1983 (NAD 83)
VERTICAL DATUM..... LOW WATER REFERENCE PLANE 2007

LWRP:	0.4
GAGE READING:	ALLIANCE: 4.4 NAVD88
DATE OF LAST SURVEY:	16 JUNE 2026
SBES/MBES:	MBES
SURVEY CONDITION:	CALM

DATE OF SURVEY:
14 JULY 2026

SHEET IDENTIFICATION
72A