CORPS OF ENGINEERS

U.S. ARMY

446,000 3,712,000 443,000 440,000

3,709,000

Sheet 71

Sheet 73

3,712,000

437,000

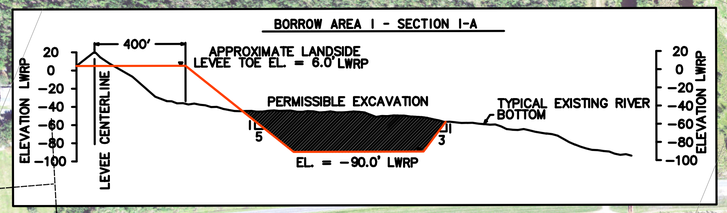
446,000

3,706,000

3,706,000 443,000 440,000 3,709,000 437,000

## Legend

- 0 to -35
- -35 to -40
- -40 to -45
- -45 to -50
- -50 to -55
- -55 to -60
- -60 to -65
- -65 to -70
- -70 to -75
- -75 to -80
- -80 to -85
- -85 and below




2022/2023 SILL CENTERLINE
2012 SILL CENTERLINE
1988 SILL CENTERLINE
2024/2025 SILL CENTERLINE
1999 SILL CENTERLINE

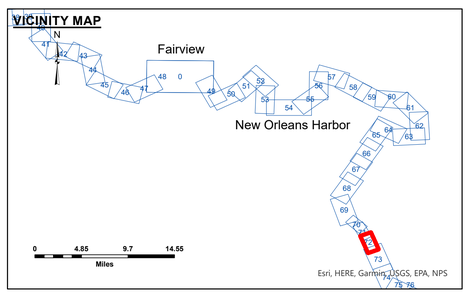
SAILING LINE

MI. 65

MI. 64

National Oceanic and Atmospheric Administration (NOAA)

## VICINITY MAP




## 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: 1.75 NAVD88 |
| Sea Conditions: | CALM |
| Vessel Name: | OB-169 |
| 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


Distribution Liability: The data represents the results of data collection and processing activities performed by USACE personnel activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time and accuracy as stated in the metadata associated with the data. The USACE assumes no liability for the misuse or misinterpretation of any of the application of the data for other than its intended purpose.

Data Constraints: Hydrographic survey data is subject to change due to environmental processes that occur between the time of survey activity and natural shoaling and scouring processes. The U. S. Government furnishes this data and assumes no liability for the use of this data in the hydrographical conditions depicted on these after the date of publication. This data is intended for U. S. Army Corps of Engineers' internal use. Request for external release should be directed to the survey point.

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The information depicted on this map represents the results of a survey conducted on the date indicated and can only be considered to represent the general condition existing at that time.

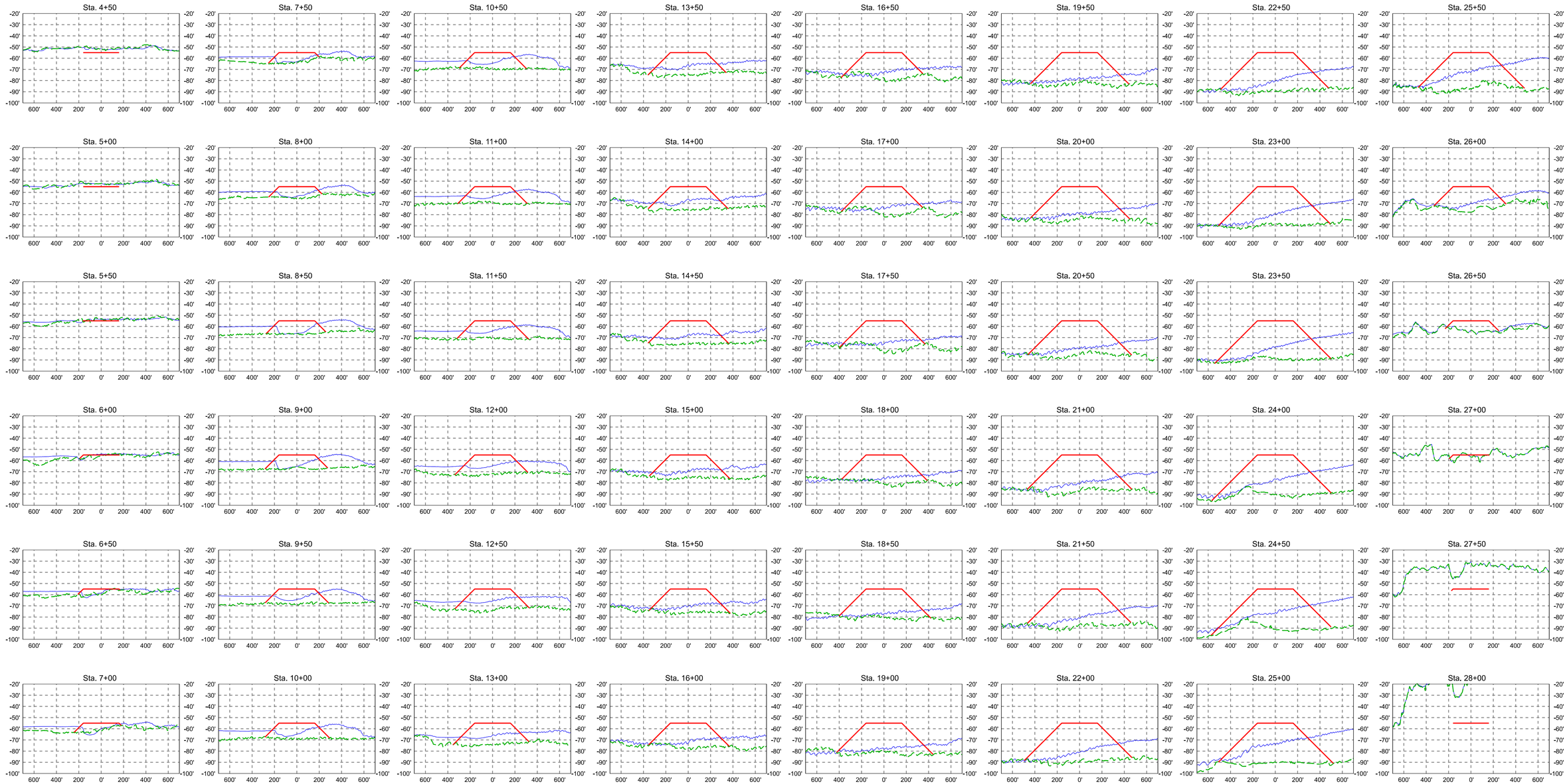

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

| | | | |
|---|---|---|---|
| Submitted: | | Surveyed By: | PM_LT |
| | | Plotted By: | BD |
| Recommended: | Chief, Survey Section | | |
| Approved: | Chief, Waterways Maintenance Section | Checked By: | AOJH |

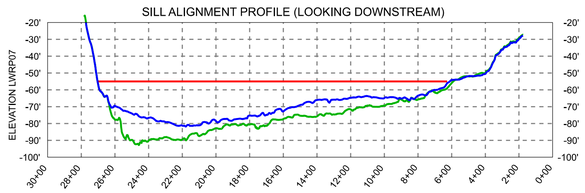
# MISSISSIPPI RIVER - B.R. TO GULF
## SALT WATER BARRIER BORROW 1
## MD_72_SB3_20260807_CS_3X3
## 07 August 2026

**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
07 AUG 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 mE)
HORIZONTAL DATUM..... NORTH AMERICAN DATUM 1983 (NAD 83)
VERTICAL DATUM..... LOW WATER REFERENCE PLANE 2007

| | |
|---|---|
| LWRP: | 0.4 |
| GAGE READING: | ALLIANCE: 1.75 NAVD88 |
| DATE OF LAST SURVEY: | 14 JULY 2026 |
| SBES/MBES: | MBES |
| SURVEY CONDITION: | CALM |

DATE OF SURVEY:
07 AUG 2026

SHEET IDENTIFICATION
72A