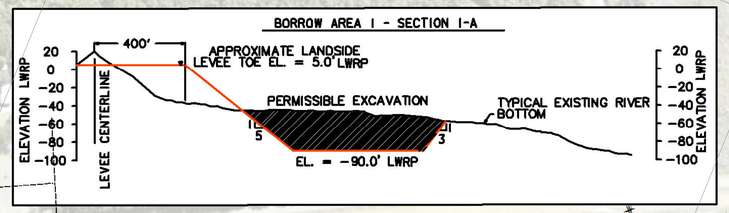
446,000 3,712,000 443,000 440,000

3,709,000

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

BORROW AREA 1 - SECTION 1-A



Water Edge Aerial Photos

September 2012

1988 SILL CENTERLINE
2012 SILL CENTERLINE
2022/2023 SILL CENTERLINE
1999 SILL CENTERLINE
2024 SILL CENTERLINE & CROWN (WITH NOTCH)
Location of Constructed
Location of Salt
Constructed Oc

Sheet 71

0+00 5+00 10+00 15+00 20+00 25+00 30+00 35+00 40+00 45+00 50+00 55+00 60+00 65+00 70+00

BORROW AREA 1 TOE

65 64

LEVEE TOE ELEVATION = +5.0 LWRP

400ft

Water Siphon

Electric Cables

24" Oil

Sheet 73

3,712,000

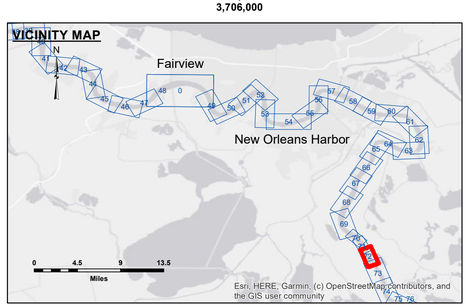
437,000

446,000

3,706,000

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

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: 0.1 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.

2015 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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Data Constraints: Hydrographic survey data is subject to change due to natural and man-induced events. Due to the dynamic nature of this activity and natural shoaling and scouring processes, The U. S. Army Corps of Engineers cannot guarantee that the data agrees in every respect with conditions which may have changed after the data in this publication. This data is intended for U. S. Army Corps of Engineers' internal use. Persons reviewing or using this data do so at their own risk.

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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 conditions existing at the time.

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

U.S. ARMY CORPPS OF ENGINEERS
NEW ORLEANS DISTRICT

MISSISSIPPI RIVER - B.R. TO GULF
SALT WATER BARRIER, BORROW 1
MD_72_SB3_20241217_CS_3X3
17 December 2024

Sheet Reference Number
72 **of** 97

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4.2-20200420