



**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' LWRP07)

Distances on the Mississippi River, above and below Head of Passes are shown at 1 mile intervals.

The location of navigation aids are based 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. 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.



**DISCLAIMER:** The data represents the results of data collection for a specific US Army Corps of Engineers project. It is not intended for use for any other purpose. The user is responsible for the accuracy, completeness, and reliability of the data. The user is also responsible for the application of the data for other than its intended purpose. Data Collection: Hydrographic survey data is subject to change due to several factors including but not limited to changing bathymetry, sedimentation, and other factors. The US Army Corps of Engineers does not accept responsibility for changes in the hydrographic conditions when developed after the date of the data collection. The user is advised to consult the original data for more information. The information depicted on this map represents the results of a survey conducted on the date indicated. It is not intended to represent the general condition existing at that time.

Submitted:	Reviewed:	Checked:
PM/AO	BD	AO/LH

U.S. ARMY CORPS OF ENGINEERS  
NEW ORLEANS DISTRICT

**MISSISSIPPI RIVER - B.R. TO GULF  
SALT WATER BARRIER, BORROW 1  
MD\_72\_SB3\_20230725\_PR\_3X3**

25 July 2023

**Sheet Reference Number**  
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