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Data Constraints. Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging activity and natural shoaling and scouring processes. The U.S. Army Corps of Engineers accepts no responsibility for changes in the data. The data is intended for U.S. Army Corps of Engineers publication. This data is intended for U.S. Army Corps of Engineers' internal use. Prudent mariners should not rely solely upon it.

DISCLAIMER

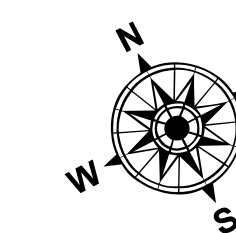
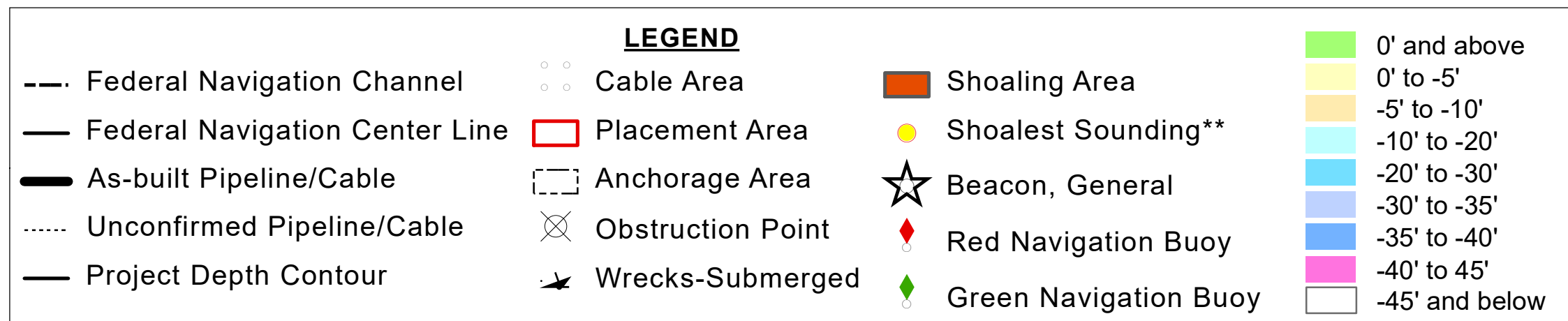
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U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		Submitted: _____	Submitted By: SP, PM
		Recommended: Chief, Survey Section	Picked By: AO
		Approved: Chief, Waterways Maintenance Section	Checked By: AO

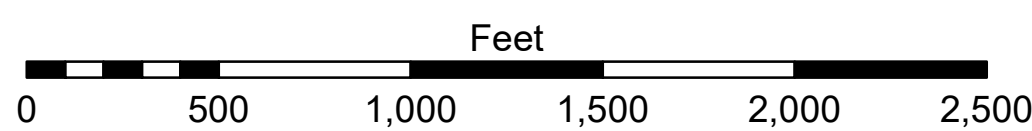
MISSISSIPPI RIVER - B.R. TO GULF
HAHNVILLE
MD_43_HANX_20210324_CS
24 March 2021

Sheet
Reference
Number
43 of 97

Revision Number:
4.1-20191105



LWRP: 0.9
Gage Reading: R:18.7NO:12.8 USED:16.4 NAVD
Sea Conditions: CHOP
Vessel Name: OB-169
Survey Type: CONDITION
Sounding Frequency***: HIGH



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 (NAVD).

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.

2017 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.**