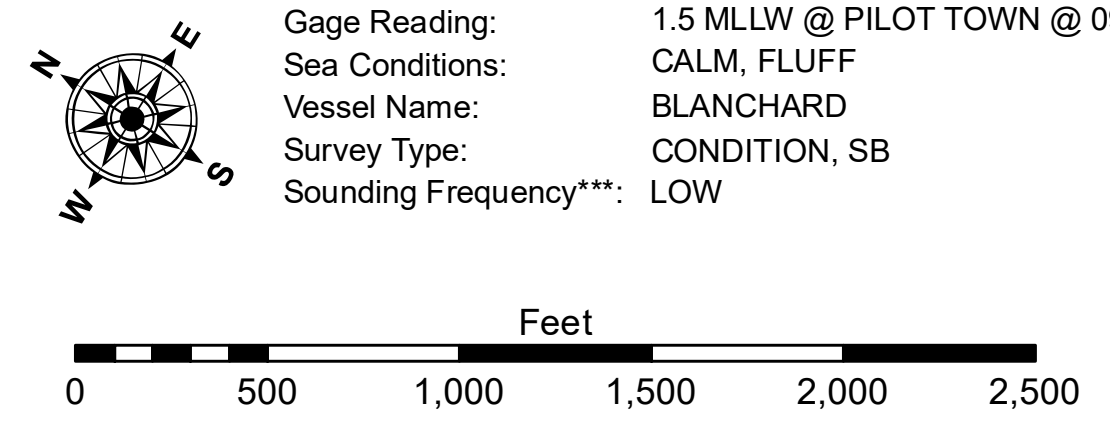


LEGEND

Federal Navigation Channel	Placement Area	Borrow Area	-10' and above
Federal Navigation Center Line	Anchorage Area	Shoalest Sounding**	-10' to -20'
As-built Pipeline/Cable	Obstruction Point	Beacon, General	-20' to -30'
Unconfirmed Pipeline/Cable	Wrecks-Submerged	Red Navigation Buoy	-30' to -40'
Project Depth Contour		Green Navigation Buoy	-40' to -45'
			-45' to -48.5'
			-48.5' to -55'
			-55' and below



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 Mean Lower Low Water (MLLW, 07-11). Datum Relationships for gage 01525 as of July 2015: 0.0' NAVD88 = -0.3' MLLW = 3.20' MLG

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.

2016 Aerial Photography data source: Precision Aerial Reconnaissance, LLC (1998 DOQQ in green)

Reference is N.O.A. Navigation Chart No. 11361.

** 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 (24 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 United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the United States Government makes no warranty, expressed or implied, concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the information furnished. The user is responsible for the results obtained from the use of the information furnished. The user is responsible for the results obtained from the use of the information furnished. The user is responsible for the results obtained from the use of the information furnished.

Submitted:	Chart Survey Section
Recommended:	TSS
Approved:	MSK

MISSISSIPPI RIVER - B. R. TO GULF
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