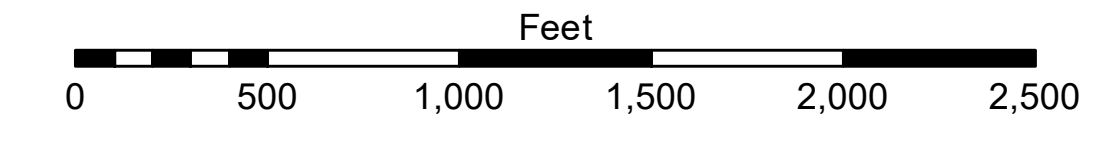
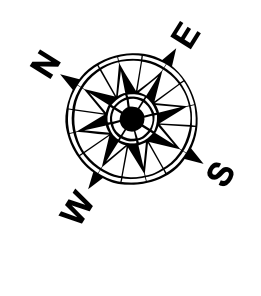


**LEGEND**

Federal Navigation Channel	Cable Area	Borrow Area	-10' and above
Federal Navigation Center Line	Placement Area	Shoalest Sounding**	-10' to -20'
As-built Pipeline/Cable	Anchorage Area	Beacon, General	-20' to -30'
Unconfirmed Pipeline/Cable	Obstruction Point	Red Navigation Buoy	-30' to -40'
Project Depth Contour	Wrecks-Submerged	Green Navigation Buoy	-40' to -45'
			-45' to -50'
			-50' to -55'
			-55' and below



Gage Reading:	GAGE_READING
Sea Conditions:	SEA_CONDITION
Vessel Name:	VESSEL_NAME
Survey Type:	SURVEY_TYPE
Sounding Frequency***:	SOUNDING_FREQUENCY

**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, 12-16). Datum Relationships for gage 01525 as of March 2020:  
0.0' NAVD83, 2009.55 = -0.53' MLLW = 2.97' 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 data are not guaranteed for accuracy, reliability, usability, or availability for any particular purpose and the user assumes all liability for any use of the data for purposes not intended by the Government. The recipient may not transfer these data to others without also transferring this disclaimer. The information depicted on the map represents the results of a hydrographical conditions which develop after the date of the survey. Prudent mariners should not rely upon it.

**Distribution Liability:** The data represents the results of a collection/processing for a specific US Army Corps of Engineers project. It is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results of any use of the data for purposes not intended by the Government.

**Data Constants:** Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging operations. These data are not to be used for navigation purposes. The information depicted on the map represents the results of a hydrographical conditions which develop after the date of the survey. Prudent mariners should not rely upon it.

**U.S. ARMY CORPS OF ENGINEERS  
NEW ORLEANS DISTRICT**

Submitted:	Surveyed By:	SURVEY_CREW
Recommended:	Plotted By:	PIOTTED_BY
Approved:	Checked By:	CHECKED_BY

**MISSISSIPPI RIVER - B.R. TO GULF  
PILOTOWN ANCHORAGE  
SW\_00\_PTA\_20210310\_CS**

10 March 2021

**Sheet  
Reference  
Number**

**4 of 13**

Revision Number:  
4.1-20191105