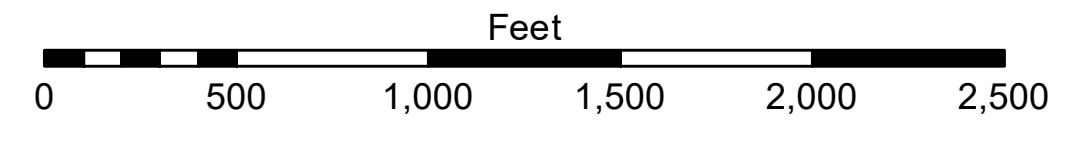


LEGEND

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



Gage Reading: 2.00 MLLW @ PILOT TOWN @ 0905
 Sea Conditions: CALM
 Vessel Name: JOHN BOPP
 Survey Type: CONDITION, SB
 Sounding Frequency***: LOW



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 data are not warranted for accuracy, completeness, reliability, usability or suitability for any particular purpose of the recipient. The user is responsible for the results and accuracy of any data used. The United States Government will not be held liable for any damages, including but not limited to, direct, indirect, special, incidental, or consequential damages, arising out of the use of the data, even if the United States Government has been advised of the possibility of such damages. The recipient may not transfer these data to others without obtaining the permission of the United States Government. The information depicted on the map represents the results of a survey and is not to be used for any purpose other than that for which it was collected. The information is not to be used for any purpose other than that for which it was collected. The information is not to be used for any purpose other than that for which it was collected.

Submitted:	JH & RCC	Checked By:	MSK
Recommended:	LLB	Approved:	
Chart Survey Section:		Chart Maintenance Section:	

**MISSISSIPPI RIVER - B. R. TO GULF
 SOUTHWEST PASS - SHEET 5
 SW_05_SWP_20200705_CS
 05 July 2020**

**Sheet Reference Number
 5 of 13**