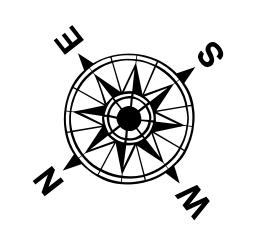


LEGEND			
	Federal Navigation Channel		Placement Area
	Federal Navigation Center Line		Borrow Area
	As-built Pipeline/Cable		Shoalest Sounding**
	Unconfirmed Pipeline/Cable		Beacon, General
	Project Depth Contour		Red Navigation Buoy
	Cable Area		Green Navigation Buoy
	Anchorage Area		
	Obstruction Point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



Gage Reading: 1.8 MLLW @ MILE 17.9 @ 1125
 Sea Conditions: CALM
 Vessel Name: BLANCHARD
 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, 12-16). Datum Relationships for gage 01670 as of March 2020: 0.0' NAVD83, 2009.55 = 0.79' MLLW = 4.29' MLG
 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.
 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 of any use of the data. The user shall indemnify and hold the United States Government harmless from and against all claims, damages, losses and expenses, including reasonable attorneys' fees, that may be incurred by the United States Government as a result of the use of the data for any purpose other than that intended for the data. 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 survey conducted on or about the date of the survey. It is not intended to represent the general condition existing at that time.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Submitted:	Surveyed By: JTB & DBD	Plotted By: TSS
Recommended:	Checked By: MSK	Checked By: MSK
Approved:		

**MISSISSIPPI RIVER - B.R. TO GULF
 SOUTHWEST PASS - SHEET 12
 SW_12_SWP_20210810_CS
 10 August 2021**

**Sheet Reference Number
 12 of 13**

Revision Number:
 4.2-20210810.20