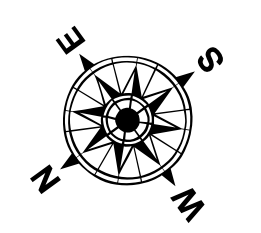


LEGEND	
	Federal Navigation Channel
	Federal Navigation Center Line
	Unconfirmed Pipeline/Cable
	Project Depth Contour
	Cable Area
	Placement Area
	Anchorage Area
	Obstruction Point
	Wrecks-Submerged
	Borrow Area
	Shoalest Sounding**
	Beacon, General
	Red Navigation Buoy
	Green Navigation Buoy
	-10' 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: 1.0 MLLW @ MILE 17.9 @ 1105  
 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' NAVD88, 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 base on and provided by the U.S. Coast Guard.  
 2022 Aerial Photography data source: Optimal GEO (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 any purpose other than that for which they were prepared, or implied concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the recipient. The user is responsible for the results obtained from the use of these data. The user shall indemnify and hold the United States Government harmless from and against all claims, damages, and expenses, including reasonable attorneys' fees, that may be asserted against or incurred by the United States Government as a result of the use of these data, whether or not such claims, damages, and expenses result from the negligence of the United States Government, its officers, employees, or agents. The information depicted on this map represents the results of a survey conducted on or about the date of publication. The user is responsible for determining the accuracy of the information depicted on this map for their intended use. The information depicted on this map represents the results of a survey conducted on or about the date of publication. The user is responsible for determining the accuracy of the information depicted on this map for their intended use. The information depicted on this map represents the results of a survey conducted on or about the date of publication. The user is responsible for determining the accuracy of the information depicted on this map for their intended use.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Submitted:	JUC & DEB
Recommended:	TSS
Approved:	MSK

**MISSISSIPPI RIVER - B.R. TO GULF  
 SOUTHWEST PASS - SHEET 11  
 SW\_11\_SWP\_20221215\_CS  
 15 December 2022**

**Sheet Reference Number  
 11 of 13**

Revision Number:  
 4.2-202 (04/20)