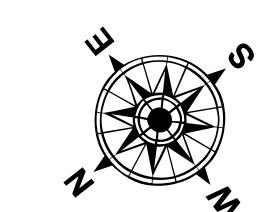


<u>LEGEND</u>	
— Federal Navigation Channel	○ Cable Area
— Federal Navigation Center Line	■ Placement Area
— As-built Pipeline/Cable	□ Anchorage Area
..... Unconfirmed Pipeline/Cable	✖ Obstruction Point
— Project Depth Contour	★ Beacon, General
	◆ Red Navigation Buoy
	◆ Green Navigation Buoy
	-10' and above
	-10' to -20'
	-20' to -30'
	-30' to -40'
	-40' to -45'
	-45' to -50'
	-50' to -55'
	-55' and below

Gage Reading: 2.0 MLLW @ MILE-17.9 @ 1220
 Sea Conditions: CALM
 Vessel Name: TECHE
 Survey Type: CONDITION, SB
 Sounding Frequency***: LOW



0 500 1,000 1,500 2,000 2,500
 Feet

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.

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

Reference is N.O.A.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.

US Army Corps of Engineers
District: CEMVN

Distribution liability: The data represents the results of data collection processing by a specific US Army Corps of Engineers activity and includes the specific existing conditions as such, without warranty of fitness for a particular purpose or of any kind. The user is responsible for the results of any application of the data for other than its intended purpose.
 Data Constraints: Hydrographic survey data is subject to change due to several factors including but not limited to dredging operations, changes in river bed material, and changes in the hydrographical conditions which develop after the date of publication. This data is intended for U.S. Army Corps of Engineers use only and is not to be used open to the general public.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	Surveyed By: JH & S.R.
Submitted: TS	Plotted By: TS
Recommended: Chief, Survey Section	Checked By: MSK
Approved: Chief, Waterways Maintenance Section	

**MISSISSIPPI RIVER - B.R. TO GULF
SOUTHWEST PASS - SHEET 12
SW_12_SWP_20210630_CS_PRO**
30 June 2021

Sheet
Reference
Number
12 of 13

Revision Number:
4-1-20191105