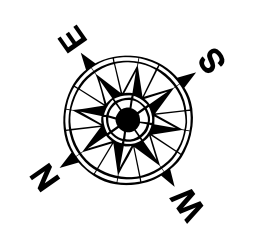
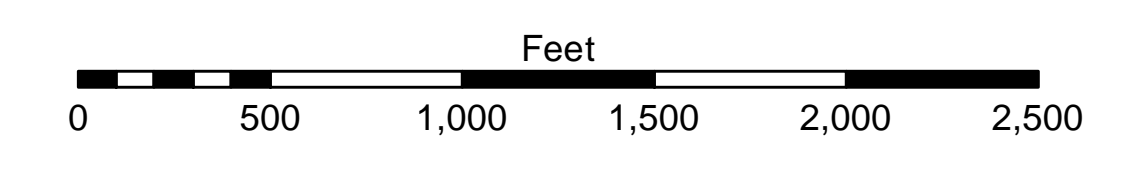


LEGEND			
	Federal Navigation Channel		Placement Area
	Federal Navigation Center Line		Borrow Area
	Unconfirmed Pipeline/Cable		Shoalest Sounding**
	Project Depth Contour		Beacon, General
	Obstruction Point		Red Navigation Buoy
	Wrecks-Submerged		Green Navigation Buoy
	Cable Area		-10' and above
	Placement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



Gage Reading: 2.2 MLLW @ LIGHT 14 @ 1320
 Sea Conditions: FLUFF, CHOPPY
 Vessel Name: BEAUVAIS
 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 01625 as of July 2015: 0.0' NAVD83 = 0.39' MLLW = 3.89' 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 data represented by this map is the property of the U.S. Army Corps of Engineers and is provided for informational purposes only. It is not to be used for any purpose other than that intended by the Corps of Engineers. The user is responsible for the accuracy, reliability, and completeness of the information presented on this map. The Corps of Engineers does not warrant the accuracy, reliability, or completeness of the information presented on this map. The Corps of Engineers is not responsible for any errors or omissions in this map or for any consequences arising from the use of the information presented on this map. The Corps of Engineers is not responsible for any damage or injury resulting from the use of the information presented on this map. The Corps of Engineers is not responsible for any loss of life or property resulting from the use of the information presented on this map. The Corps of Engineers is not responsible for any other consequences arising from the use of the information presented on this map.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Submitted:	Surveyed By:	JH & JMS
Recommended:	Plotted By:	RSL
Approved:	Checked By:	MSK

**MISSISSIPPI RIVER - B.R. TO GULF
 SOUTHWEST PASS - SHEET 9
 SW_09_SWP_20180320_CS
 20 March 2018**

**Sheet Reference Number
 9 of 13**

Revision Number:
 3.13-20160811