

Accession
The United States Government furnishes this data and the recipient accepts and uses them with the express understanding that the data is not to be distributed, reproduced, or used for any purpose other than that for which it was provided. The user is responsible for the results and accuracy of any application of the data for other than its intended purpose.

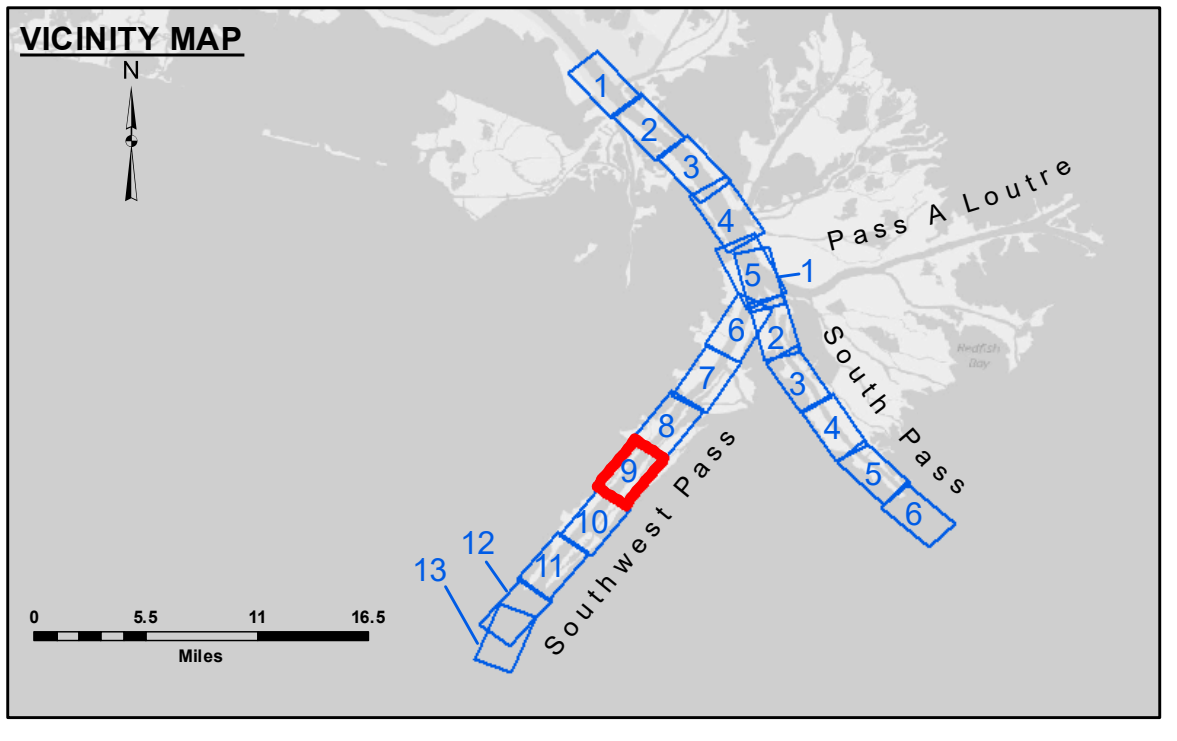
Distribution
The data represents the results of a collection/processing for a specific US Army Corps of Engineers project. The data is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results and accuracy of any application of the data for other than its intended purpose.

Data
Constants: Hydrographic survey data is subject to change. This data is being used for the purpose of determining the hydrographical conditions which develop after the date of the survey. The recipient may not transfer this data to others without also transferring the disclaimer.

Disclaimer
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 provided. The recipient is considered to represent the general condition existing at that time.

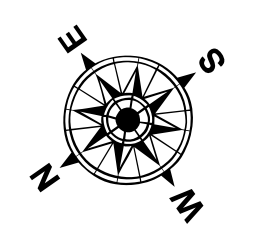
U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Submitted: _____	Surveyed By: HNP & DBD
Recommended: _____	Plotted By: RSL
Approved: _____	Checked By: MSK

MISSISSIPPI RIVER - B. R. TO GULF
SOUTHWEST PASS - SHEET 9
SW_09_SWP_20180710_CS_FORUM
10 July 2018

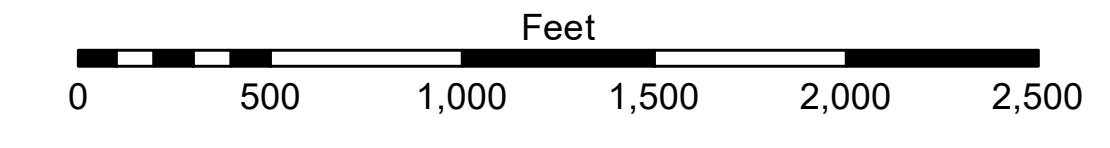


LEGEND

--- Federal Navigation Channel	● Cable Area	□ Borrow Area	■ -10' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	■ -10' to -20'
— As-built Pipeline/Cable	□ Anchorage Area	☆ Beacon, General	■ -20' to -30'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	■ -30' to -40'
— Project Depth Contour	⚓ Wrecks-Submerged	◆ Green Navigation Buoy	■ -40' to -45'
			■ -45' to -48.5'
			■ -48.5' to -55'
			■ -55' and below



Gage Reading: 1.8 MLLW @ LIGHT 14 @ 0950
 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, 07-11). Datum Relationships for gage 01625 as of July 2015: 0.0' NAVD83 = 0.39' MLLW = 3.89' MGL
 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.

Sheet Reference Number
9 of 13
 Revision Number: 3.13-20160811