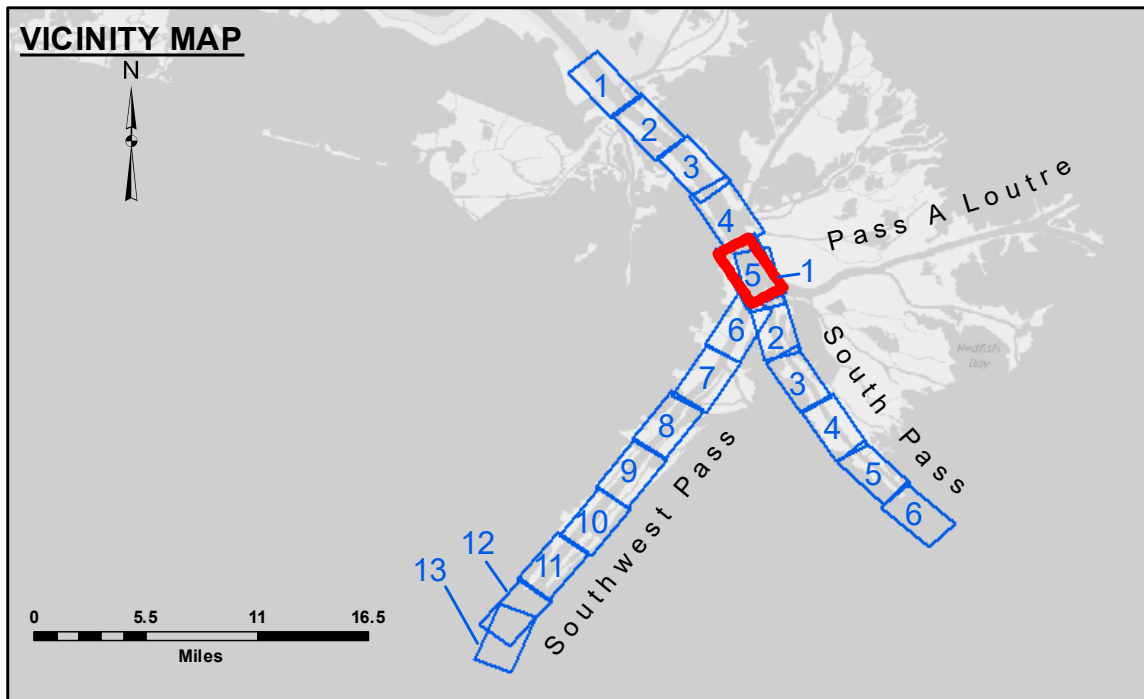


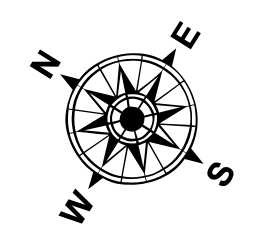
DREDGE STUYVESANT  
DREDGING FULL CHANNEL WIDTH  
RG. 49 TO RG. 30 SHEETS 4 AND 5

DREDGE WHEELER  
DREDGING EAST TOE TO 100' WEST OF  
CENTERLINE RG. 15 TO RG. 2

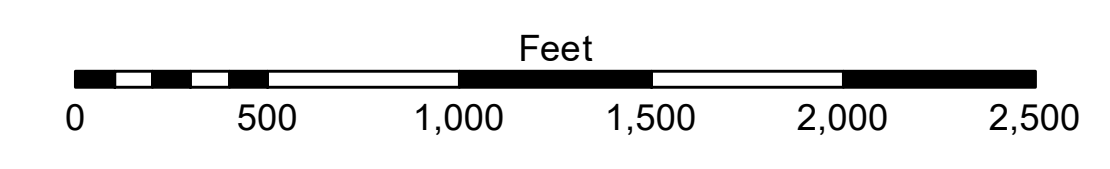


**LEGEND**

--- 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: 2.3 MLLW @ PILOT TOWN @ 1100  
 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 01525 as of July 2015: 0.0' NAVD88 = -0.3' MLLW = 3.20' 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 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, reliability, usability, or availability for any particular purpose of the recipient. The user is responsible for the results obtained from the use of the data for other than the intended purpose. The information depicted on the map represents the results of the survey and is not intended to be used for any other purpose. The recipient may not transfer these data to others without also transferring the Disclaimer. The information depicted on the map represents the results of the survey and is not intended to be used for any other purpose. The recipient may not transfer these data to others without also transferring the Disclaimer. The information depicted on the map represents the results of the survey and is not intended to be used for any other purpose. The recipient may not transfer these data to others without also transferring the Disclaimer.

U.S. ARMY CORPS OF ENGINEERS  
NEW ORLEANS DISTRICT

Submitted:	Checked:	Checked By:
JH & TDG	TSS	MSK
Recommended:	Checked:	Checked By:
Checked Survey Section	Checked Survey Section	Checked Survey Section
Approved:	Approved:	Approved:
Checked Waterways Maintenance Section	Checked Waterways Maintenance Section	Checked Waterways Maintenance Section

**MISSISSIPPI RIVER - B.R. TO GULF  
 SOUTHWEST PASS - SHEET 5  
 SW\_05\_SWP\_20190326\_CS  
 26 March 2019**

**Sheet Reference Number  
 5 of 13**

Revision Number: 3.13-20160811