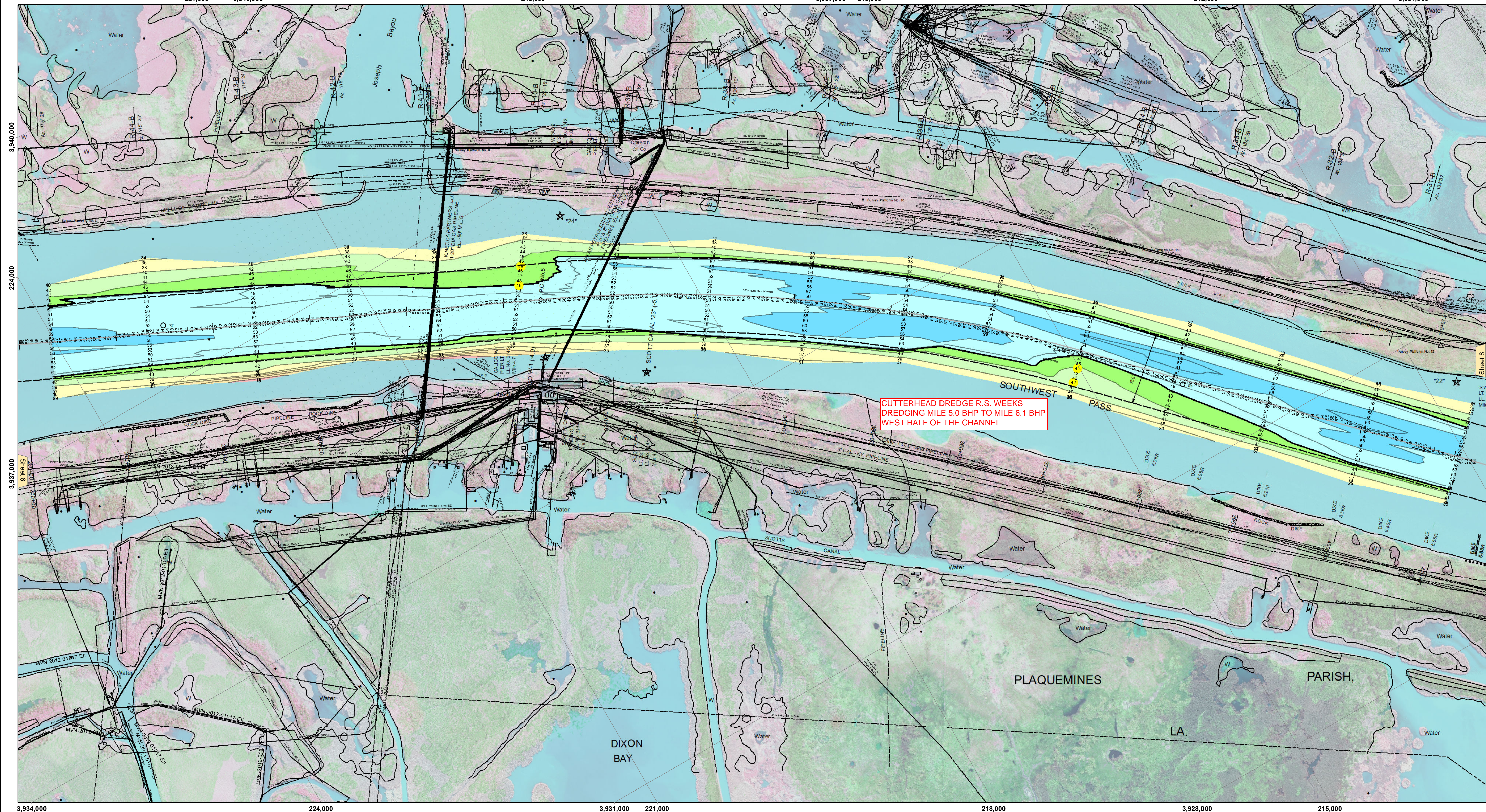
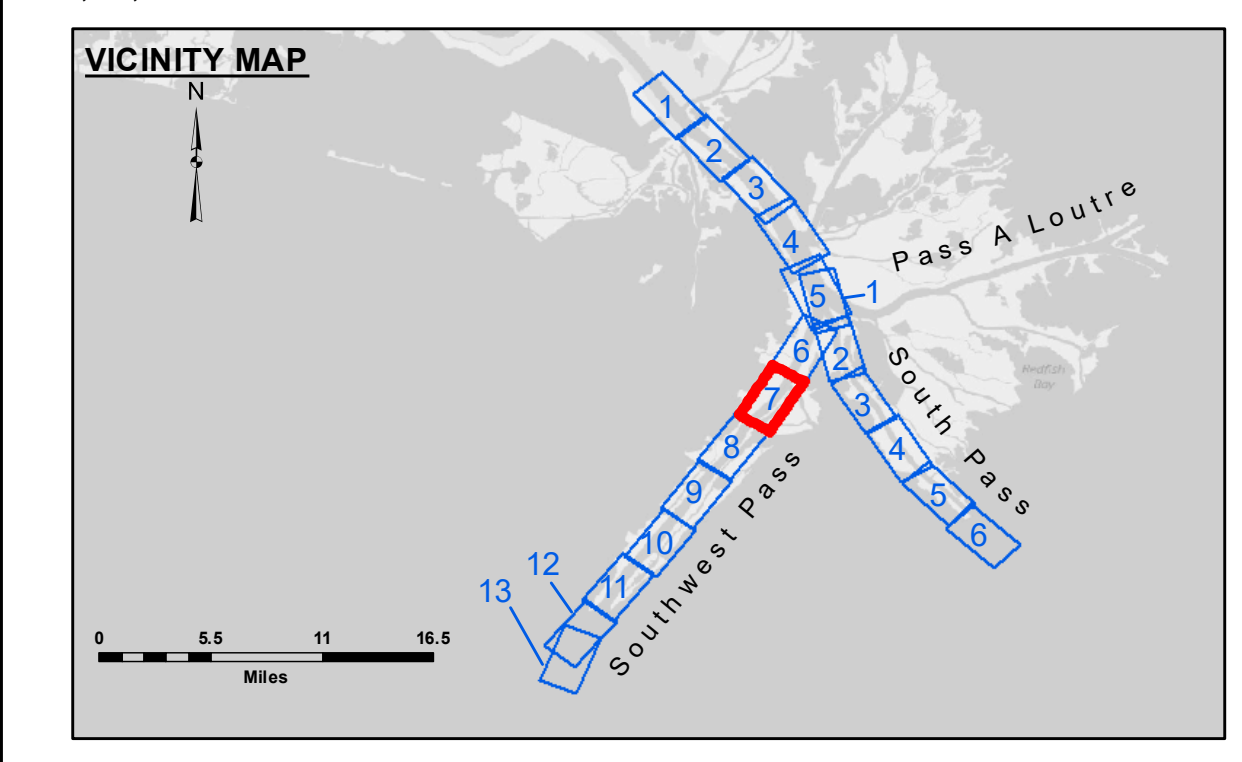


221,000 3,940,000 218,000 3,937,000 215,000 212,000 3,934,000

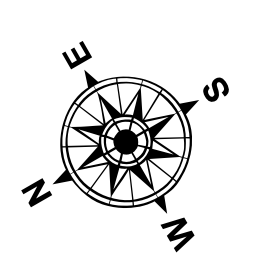


CUTTERHEAD DREDGE R. S. WEEKS
DREDGING MILE 5.0 BHP TO MILE 6.1 BHP
WEST HALF OF THE CHANNEL

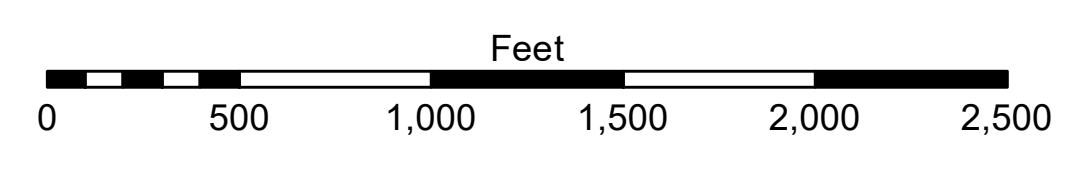


LEGEND

--- 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 @ HEAD OF PASS @ 0850
 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 01545 as of July 2015: 0.0' NAVD86 = -0.18' MLLW = 3.32' 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.



DISTRIBUTION LIABILITY: The data represents the results of data collection/processing for a specific US Army Corps of Engineers project. It is only valid for its intended use, content, time and accuracy specifications. The user is responsible for the results of their use. The user is not to be held responsible for any damage or injury resulting from the use of this data for any other than its intended purpose.
 Data Constants: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging operations, channel migration, and other factors. The user is responsible for the hydrographical conditions which develop after the date of the survey. The user is not to be held responsible for any damage or injury resulting from the use of this data for any other than its intended purpose.
 The information depicted on the map represents the results of a survey. It is not to be used for any other purpose than that for which it was intended. The user is responsible for the results of their use of this data for any other than its intended purpose.

**U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT**

Submitted:	DBD & JH
Recommended:	Checked By: TSS
Approved:	Checked By: MSK

**MISSISSIPPI RIVER - B.R. TO GULF
SOUTHWEST PASS - SHEET 7
SW_07_SWP_20190130_CS
30 January 2019**

**Sheet Reference Number
7 of 13**

Revision Number: 3.12-20160811