



**LEGEND**

	Federal Navigation Channel		Cable Area		Borrow Area		0' and above
	Federal Navigation Center Line		Placement Area		Shoalest Sounding**		0' to -5'
	As-built Pipeline/Cable		Anchorage Area		Beacon, General		-5' to -10'
	Unconfirmed Pipeline/Cable		Obstruction Point		Red Navigation Buoy		-10' to -20'
	Project Depth Contour		Wrecks-Submerged		Green Navigation Buoy		-20' to -30'
							-30' to -35'
							-35' to -40'
							-40' to -45'
							-45' and below

LWPR: 1.3  
 Gage Reading: R:4.8NO:3.1 USED:3.7 NGVD  
 Sea Conditions: CALM  
 Vessel Name: BURRWOOD  
 Survey Type: SURVEY\_TYPE  
 Sounding Frequency\*\*\*: HIGH

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 Low Water Reference Plane 2007 (NGVD).

Distances on the Mississippi River, above and below Head of Passes are shown at 1 mile intervals.

The location of navigation aids are based on and provided by the U.S. Coast Guard and USACE crew.

2010 Aerial Photography data source: NAIP, USDA-FSA-APFO Aerial Photography Field Office.

Reference is N.O.A. Navigation Chart No. 11370.

\*\* 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 (20 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 this data and the recipient accepts and uses them with the express understanding that the data is not to be used for any purpose other than that for which it was prepared. The user is responsible for the results of its use. The application of the data for other than its intended purpose is not warranted. Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging, deposition, and shifting of the channel. The Corps of Engineers does not assume responsibility for changes in the hydrographic conditions when developed after the date of the survey. The information depicted on this map represents the results of a survey conducted on the date shown and is not to be considered a representation of the general condition existing at that time.

U.S. ARMY CORPS OF ENGINEERS  
NEW ORLEANS DISTRICT

Submitted:	Surveyed By: JA, JH
Recommended:	Plotted By: AO
Approved:	Checked By: AC

MISSISSIPPI RIVER - B.R. TO GULF  
FAIRVIEW RECON  
MR\_48\_FRV\_20161213  
13 December 2016

Sheet  
Reference  
Number  
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