



<u>LEGEND</u>	
— Federal Navigation Channel	○ Cable Area
— Federal Navigation Center Line	■ Placement Area
— As-built Pipeline/Cable	□ Anchorage Area
..... Unconfirmed Pipeline/Cable	★ Beacon, General
— Project Depth Contour	✖ Obstruction Point
	◆ Red Navigation Buoy
	◆ Green Navigation Buoy
	✗ Wrecks-Submerged

LWRP: 2.4
Gage Reading: BR:33.65 D:23.62 USED:31.90 NGVD.
Sea Conditions: CALM
Vessel Name: M/V BURRWOOD
Survey Type: CONDITION
Sounding Frequency***: HIGH

0' and above
0' to -5'
-5' to -10'
-10' to -20'
-20' to -30'
-30' to -35'
-35' to -40'
-40' to -45'
-45' and below

W N E S
Feet
0 500 1,000 1,500 2,000 2,500

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 base 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.A. Navigation Chart No. 11370.

** Shoal 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.



Distribution liability: The data represents the results of data collection/processing for a specific US Army Corps of Engineers activity and indicates the general accuracy of such data. The user is responsible for the results of any application of the data for other than its intended purpose.

Data constraints: Hydrographic survey data is subject to change rapidly due to severe events including but not limited to dredging activities and natural shoaling and scouring processes or changes in the hydrographic conditions when developing the date of publication. This data is intended for U.S. Army Corps of Engineers internal purposes. Please contact the US Army Corps of Engineers for further information.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Surveyed By:	RYLANDADAMS
Submitted:	
Reviewed:	One Survey Section
Approved:	One Waterways Maintenance Section
Checked By:	AO

**MISSISSIPPI RIVER - B.R. TO GULF
SARDINE POINT RECON
MR_06_SD_P_20170620_CS**
20 June 2017

Sheet
Reference
Number
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Revision Number:
312-20160811