

OTES:

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.

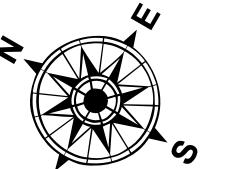
Vertical Datum:
Elevations are shown in feet and indicate depths below Low Water Reference Plane 2007 (NGVD).
Distances on the Mississippi River, above and below Head of Passes are shown
in miles intervals.

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

5 Aerial Photography data source: NAIP, USDA-FSA-A

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.




LWRP: 1.5
Gage Reading: BR:42.2 D:30.67 USED:32.3 NGVD
Sea Conditions: ROUGH
Vessel Name: M/V LAFOURCHE
Survey Type: CONDITION
Sounding Frequency***: HIGH

A map of the Mississippi River showing river segments labeled A through T. The river flows generally westward, with several major tributaries joining from the south. A scale bar at the bottom indicates distances in feet, ranging from 0 to 2,500 feet.

VICINITY MAP

N

Baton Rouge Front

Redeye

Sardine Point

Medora

Granada

Bayou Goula

Alhambra

Philadelphia Point

Smoke Bend

Rich Bend

Belmont

Fairview

0 10 20 30 Miles

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LEG

- The legend is organized into three columns. The first column lists map features with their corresponding symbols: Federal Navigation Channel (dashed line), Federal Navigation Center Line (solid line), As-built Pipeline/Cable (thick solid line), Unconfirmed Pipeline/Cable (dotted line), and Project Depth Contour (solid line). The second column lists symbols for specific bathymetric features: Cable Area (two small circles), Placement Area (red square), Anchorage Area (square with dashed border), Obstruction Point (circle with X), and Wrecks-Submerged (arrowhead). The third column lists symbols for navigation aids and areas: Borrow Area (blue square), Shoalest Sounding (yellow circle), Beacon, General (star), Red Navigation Buoy (diamond with red dot), and Green Navigation Buoy (diamond with green dot). To the right of the legend is a vertical color bar representing depth ranges, with labels for 0' and above, 0' to -5', -5' to -10', -10' to -20', -20' to -30', -30' to -35', -35' to -40', -40' to 45', and -45' and below.

Map Feature	Bathymetric Feature	Symbol	Depth Range
Federal Navigation Channel	Cable Area	Two small circles	0' and above
Federal Navigation Center Line	Placement Area	Red square	0' to -5'
As-built Pipeline/Cable	Anchorage Area	Square with dashed border	-5' to -10'
Unconfirmed Pipeline/Cable	Obstruction Point	Circle with X	-10' to -20'
Project Depth Contour	Wrecks-Submerged	Arrowhead	-20' to -30'
		Blue square	-30' to -35'
		Yellow circle	-35' to -40'
		Star	-40' to 45'
		Diamond with red dot	-45' and below
		Diamond with green dot	

**Sheet
Reference
Number**

Revision Number:
3.12-20160811