



Federal Navigation Channel

Federal Navigation Center Line

As-built Pipeline/Cable

Unconfirmed Pipeline/Cable

Project Depth Contour

Cable Area

Placement Area

Anchorage Area

Obstruction Point

Wrecks-Submerged

Borrow Area

Shoalest Sounding**

Beacon, General

Red Navigation Buoy

Green Navigation Buoy

-15' and above

-15' to -20'

-20' and below

Fluff Thickness*

LEGEND

Gage Reading:

Sea Conditions:

Vessel Name:

Survey Type:

Sounding Frequency***:

EUGINE ISLAND: 1.77 MLG

1-2 FT

M/V BURRWOOD

CONDITION

LOW

Feet

0

800

1,600

2,400

3,200

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 Low Gulf Datum (MLG).
Datum Relationships for the gage 88600 as of August 2013:
0.0' NAVD83 = 0.0' MLW = 1.5' MLG
Distances on the Atchafalaya River are shown at 1 mile intervals.
The location of navigation aids are based on and provided by the U.S. Coast Guard.
2013 Aerial Photography data source: GEOCLIP Atlantic Group, LLC. (1998 DOQQ imagery in green).
Reference is N.O.A.A. Navigation Chart No. 11354.
* Difference between high and low frequency elevations where greater than 1.0'.
** 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 bathymeter settings.

US Army Corps of Engineers
District: CEMVN

Atchafalaya River
Bar Channel
AR_02_BAR_20161221
21 December 2016

Sheet
Reference
Number
2 of 16

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Sheet
Reference
Number
2 of 16

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