



LEGEND			
--- Federal Navigation Channel	● Cable Area	□ Borrow Area	■ -12' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	□ -12' and below
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	
— Project Depth Contour	✙ Wrecks-Submerged	◆ Green Navigation Buoy	

Gage Reading: BAYOU SALE: 4.9 MLG

Sea Conditions: CALM

Vessel Name: M/V OB 189

Survey Type: CONDITION

Sounding Frequency\*\*\*: HIGH

**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).

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

2010 Aerial Photography data source: NAIP. 1998 DOQQ imagery shown in green from USGS.

Reference is N.O.A. Navigation Chart No. 11355.

\*\* 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.



**DISTRICT:** CEMVN

**Access:** Public

The information depicted on this map represents the results of a hydrographic survey conducted under the authority of the U.S. Army Corps of Engineers. The user of this information is advised that the information is not intended for navigation and is not to be used for that purpose. The user of this information is advised that the information is not intended for navigation and is not to be used for that purpose.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT			
Submitted:	DR,JA	Checked By:	RM
Recommended:	AO	Approved:	
Chet, Waterways Section			
Chet, Waterways Maintenance Section			

**GULF INTRACOASTAL WATERWAY  
WAX LAKE OUTLET  
GW\_75\_WAX\_20150507  
07 May 2015**

**Sheet  
Reference  
Number  
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