



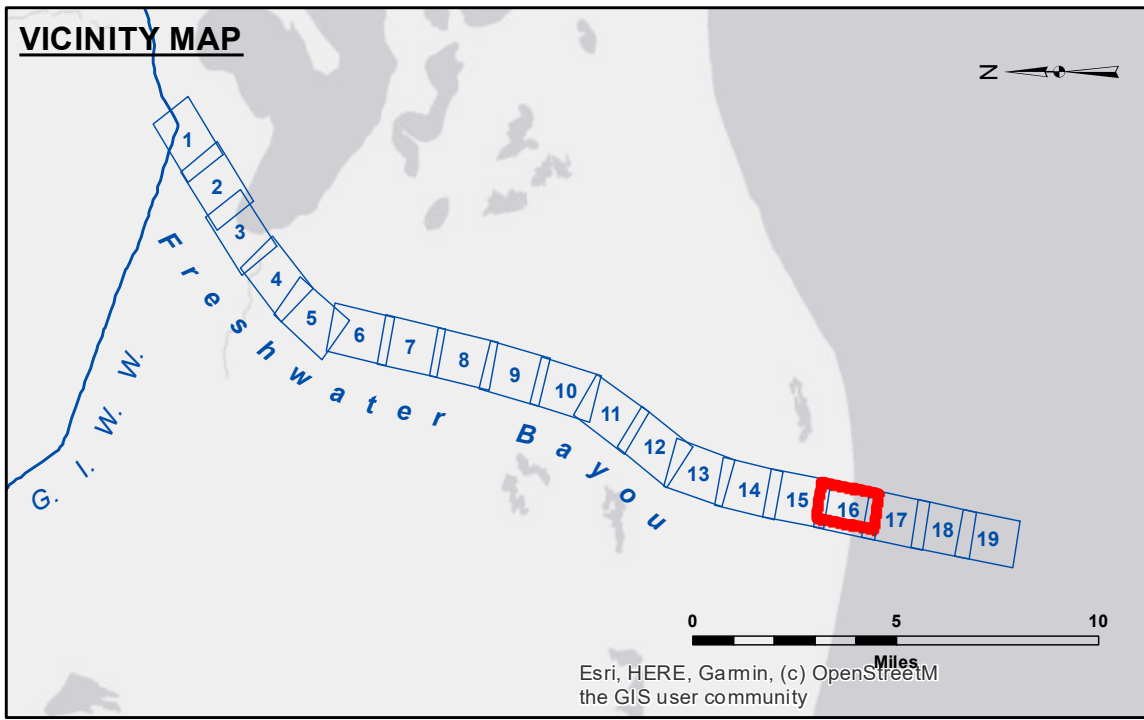
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<p align="center"><b>U.S. ARMY CORPS OF ENGINEERS</b></p> <p align="center">NEW ORLEANS DISTRICT</p>		<p>Surveyed By: <b>RYLAND/ADAMS</b></p>
<p><u>Submitted:</u> _____</p>	<p><u>Recommended:</u> Chief Survey Section</p>	<p>Plotted By: <b>AO</b></p>
<p><u>Approved:</u> _____</p>	<p>Chief Waterways Maintenance Section</p>	<p>Checked By: <b>AO</b></p>

FRESHWATER BAYOU  
BAR CHANNEL  
FB\_16\_BAR\_20200911\_CS\_POSTSTORM  
11 September 2020

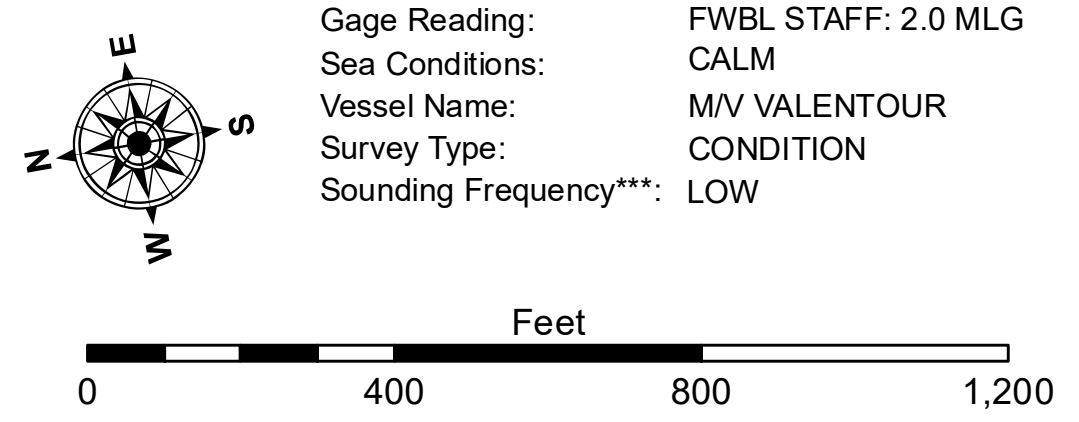
**Sheet  
Reference  
Number**  
**16 of 19**

Revision Number:  
4.1-20191105



**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	



**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 gage 76592 / 76593 as of August 2011:  
0.0' NAVD83 (2006.81) = 0.9' MLWL = 1.9' MLG or 0.0' MLWL = 1.0' MLG

Distances on the Freshwater Bayou are shown at 1 mile intervals.

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

2015 Aerial Photography data source: NAIP

Reference is N.O.A.A. Navigation Chart No. 11350.

\*\*\* 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 bot-  
tom material. Low frequency accuracies may vary depending on channel conditions and fathometer  
settings.