



**LEGEND**

--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	■ -8' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	□ -8' 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: LB LOCK EAST: 1.67 MLG  
 Sea Conditions: CALM  
 Vessel Name: OB167  
 Survey Type: CONDITION  
 Sounding Frequency\*\*\*: HI

Vertical Datum:  
 Soundings are shown in feet and indicate depths below Mean Low Gulf Datum (MLG).  
 Datum Relationships for gage 76720 as of August 2014:  
 0.0' NAVD83 (OPUS 2014) = 2.08' MLG

Distances on the Vermilion River 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.  
 2010 Aerial Photography data source: NAIP. Transparent green imagery from 1998 DOQQ.  
 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 bottom material. Low frequency accuracies may vary depending on channel conditions and fathometer settings.



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U.S. ARMY CORPS OF ENGINEERS  
NEW ORLEANS DISTRICT

Submitted:	Surveyed By: PM, SR
Recommended: Chart Survey Section	Plotted By: JH
Approved:	Checked By: JH

**VERMILION RIVER  
SOUTHWEST PASS  
VM\_08\_SWP\_20220113\_CS  
13 January 2022**

**Sheet  
Reference  
Number  
08 of 49**

Revision Number:  
4-2-2024(4/2)