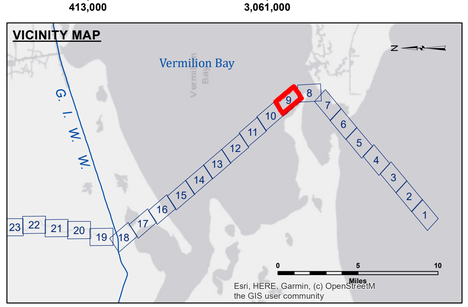

LEGEND

- 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
- -8' and above
- -8' and below

Gage Reading:	LB LOCK EAST: 1.67 MLG
Sea Conditions:	CALM
Vessel Name:	OB167
Survey Type:	CONDITION
Sounding Frequency***:	HI

Feet
0 400 800 1,200

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 gage 76720 as of August 2014:
0.0' NAVD88 (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.

US Army Corps of Engineers
District: CEMVN

DISCLAIMER
Access Constraints: The United States Government furnishes this data without warranty, express or implied, and with the understanding that the US Government makes no warranties, expressed, or implied concerning the accuracy, completeness, reliability, or suitability of this data or any other information and the data furnished. The United States shall be held harmless from any liability resulting from any use made of the data made thereof. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than Government data, or to allow others to make copies of these data to others without also transferring this Disclaimer.

The information depicted on this map represents the results of a survey conducted on the date indicated and can only be considered to represent the general condition existing at that time.

Distribution Liability: The data represents the results of data collection and analysis performed by the US Army Corps of Engineers activity and indicates the general existing conditions. As such, it is only valid for its intended use; context, time and accuracy of data are critical to its proper application. The U.S. Government is not liable for any other than its intended purpose.

Data Constraints: Hydrographic survey data is subject to change without notice. Navigation aids are subject to change without notice. Any data collected during a survey may not be available for use in the hydrographical conditions which develop after the date of publication. This data is intended for U.S. Army Corps of Engineers' internal use. Present mariners should use the latest navigation reports.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted: Surveyed By: PM,SR
Plotted By: JH
Recommended: Chief, Survey Section
Approved: Chief, Waterways Maintenance Section
Checked By: JH

VERMILION RIVER
VERMILION BAY
VM_09_BAY_20220113_CS
13 January 2022

Sheet Reference Number
09 **of** 49

Revison Number:
4.2-20200420