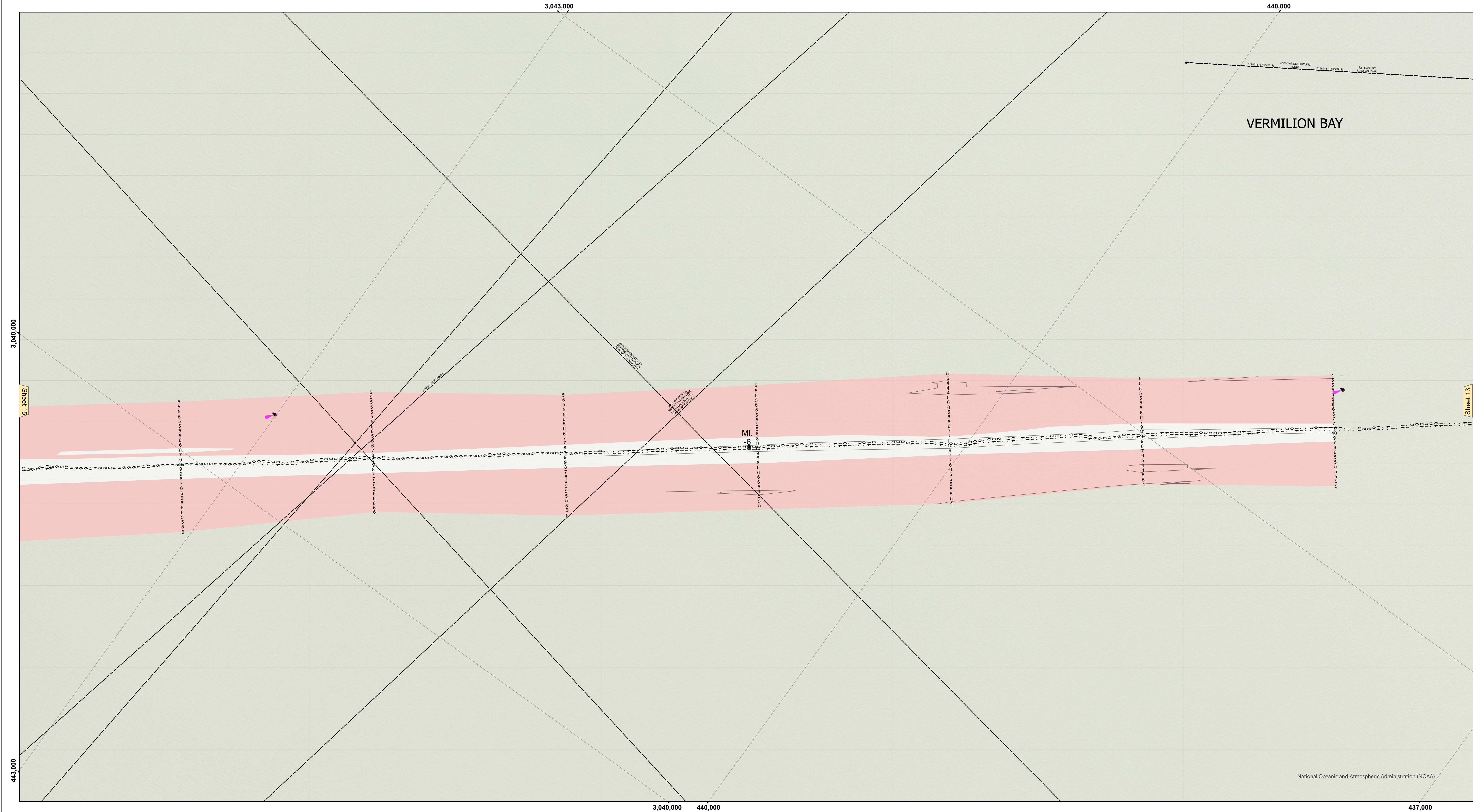
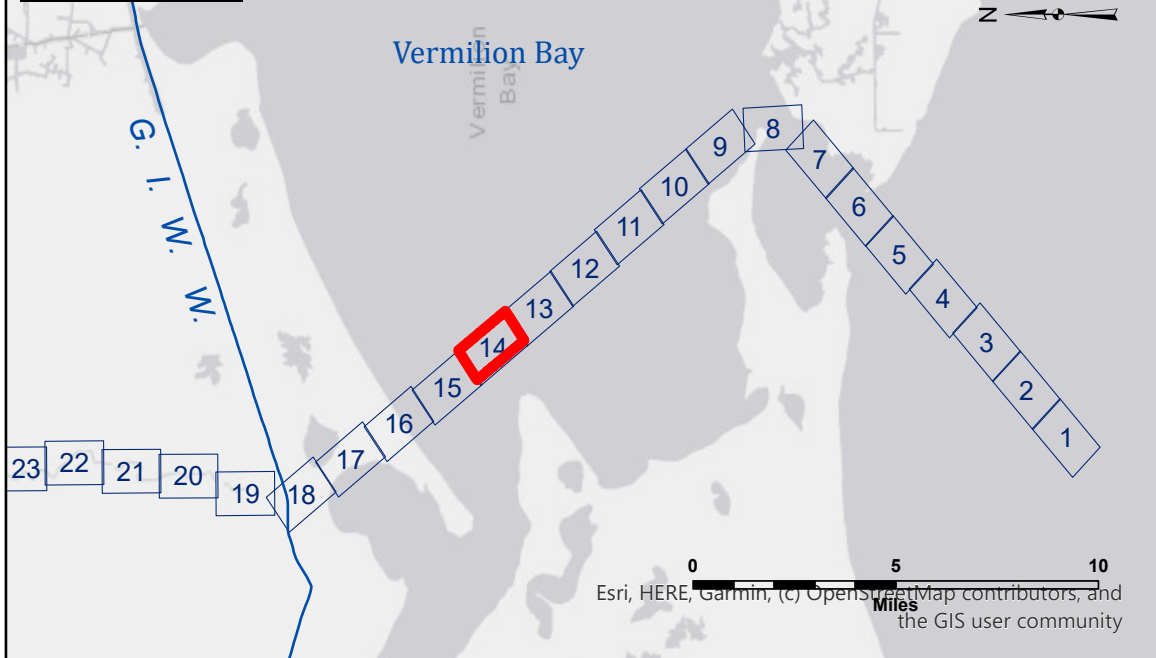




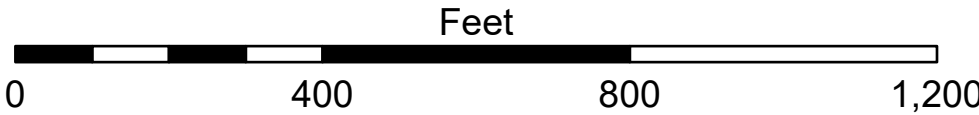
VICINITY MAP



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: LELAND BOWMAN RTN: 4.00 MLG
Sea Conditions: CHOPPY
Vessel Name: OB-189
Survey Type: SB
Sounding Frequency***: 24KHZ



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.
2021 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 bottom
material. Low frequency accuracies may vary depending on channel conditions and fathometer
settings.



DISCLAIMER
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U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT			
Submitted:	Surveyed By: P.M.LT	Plotted By: B.D.	Checked By: A.O.J.H.
Recommended:	Chief, Survey Section	Chief, Waterways Maintenance Section	
Approved:	Chief, Waterways Maintenance Section		

VERMILION RIVER
VERMILION BAY
VM_14_BAY_20250417_CS
17 April 2025

Sheet
Reference
Number
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Revision Number:
5.25.04.03-5.25.04.03