

GRAND CHENIER - 70900  
 (0.0' MLG = -2.81'  
 NAVD83, OPUS2011 =  
 -1.41' MLLW, 83-01)

LL=13.3 MLG  
 LL=11.3 MLG  
 LL=12.3 MLG  
 LL=14.3 MLG

GREEN BUOY

LL=13.3 MLG

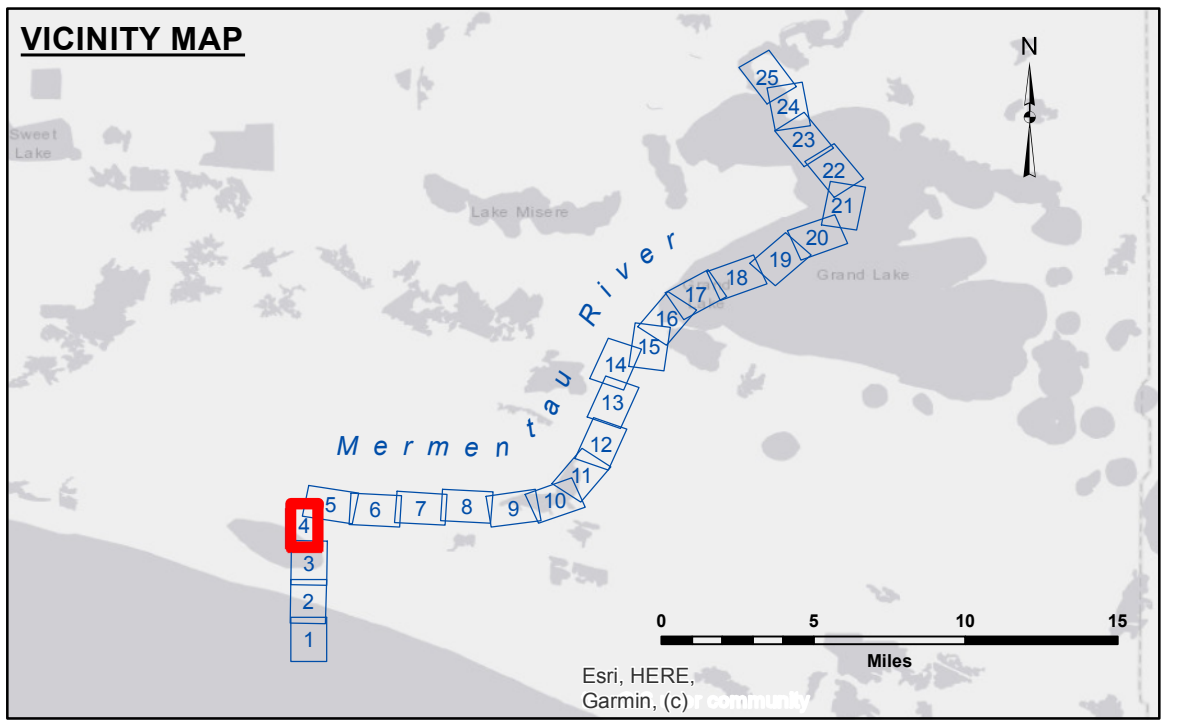
44 RED BUOY

GREEN BUOY

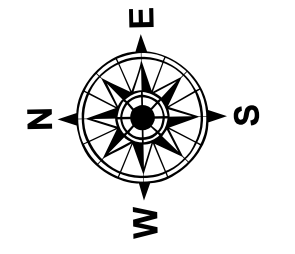
GREEN BUOY

GREEN BUOY

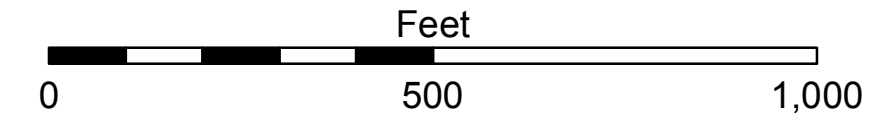
GREEN BUOY



LEGEND			
--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	
— Federal Navigation Center Line	■ Placement Area	● Shoalest Sounding**	
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	■ -15' and above
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	□ -15' and below
— Project Depth Contour	⚓ Wrecks-Submerged	◇ Green Navigation Buoy	



Gage Reading: VRS RTK NTRIP: 3.72 MLG AVG.  
 Sea Conditions: CHOPPY  
 Vessel Name: OB-169  
 Survey Type: CONDITION  
 Sounding Frequency\*\*\*: LOW



**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.  
 2015 Aerial Photography data source: NAIP, 1998 DOQQ imagery shown in green from USGS.  
 Reference is N.O.A. Navigation Chart No. 11344 and 11348.  
 \*\*\* 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:**  
 The information depicted on this map represents the results of a survey conducted under the general condition existing at that time. The user is responsible for the accuracy, completeness, reliability, usability or suitability for any particular purpose of the information. The user is responsible for the results of the application of the data for other than its intended purpose. Data Constants: Hydrographic survey data is subject to change rapidly due to several factors including but not limited to dredging operations, changes in channel conditions, and changes in the hydrographical conditions which develop after the date of the survey. The user is responsible for the accuracy of the information depicted on this map. The user is responsible for the results of the application of the data for other than its intended purpose. The user is responsible for the results of the application of the data for other than its intended purpose. The user is responsible for the results of the application of the data for other than its intended purpose.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Submitted:	Surveyed By: SP-SR
Recommended:	Plotted By: BD
Approved:	Checked By: AC

**MERMENTAU RIVER  
 BAY CHANNEL  
 MM\_04\_BAY\_20220324\_CS  
 24 March 2022**

**Sheet  
 Reference  
 Number  
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