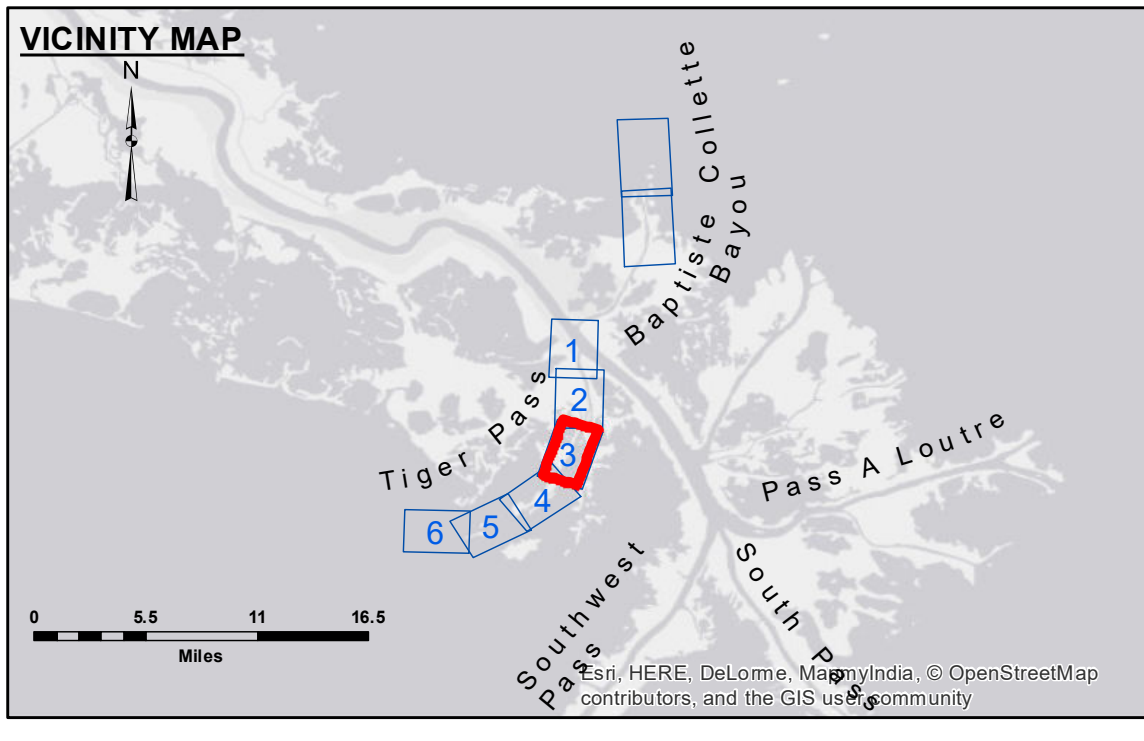


DISCLAIMER
 The information depicted on this map represents the results of a hydrographic survey conducted by the U.S. Army Corps of Engineers. The data is subject to change and is not intended for use as a navigational aid. The user is responsible for the accuracy and reliability of the data for their intended purpose. The information is provided as a service and does not constitute a warranty or guarantee of any kind. The user should consult the latest edition of the U.S. Army Corps of Engineers Hydrographic Survey Manual for more information on the use of hydrographic survey data.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Submitted:	RYLAND/SONNER
Recommended:	Chief Survey Section
Approved:	Chief Waterways Maintenance Section
Surveyed By:	RYLAND/SONNER
Plotted By:	BD
Checked By:	AC



LEGEND			
--- Federal Navigation Channel	○ Cable Area	□ Borrow Area	■ -4' and above
— Federal Navigation Center Line	□ Placement Area	● Shoalest Sounding**	■ -4' to -8'
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	■ -8' to -10'
..... Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	■ -10' to -12'
— Project Depth Contour	⚓ Wrecks-Submerged	◆ Green Navigation Buoy	■ -12' to -16'
			■ -16' and below

Gage Reading: VENICE: 4.85 MLG
Sea Conditions: WINDY/CHOPPY
Vessel Name: OB-189
Survey Type: CONDITION
Sounding Frequency*:** HIGH

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 as of 01 May 2013: 0.0' MLLW (2002-2006) = 0.0' NAVD88 (2009.55) = 3.5' MLG
 Distances on Tiger Pass are shown at 1 mile intervals.
 The location of navigation aids are base on and provided by the U.S. Coast Guard.
 2013 Aerial Photography data source: GEOCLIP, Atlantic Group, LLC. 1998 DOQQ imagery shown in green from USGS.
 Reference is N.O.A. Navigation Chart No. 11353.
 ** 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.

**MISS. RIVER OUTLETS AT VENICE
 TIGER PASS
 OV_03_TIG_20180221_CS
 21 February 2018**

**Sheet
 Reference
 Number
 3 of 6**