

APPROXIMATE C/L STATION COORDINATES

C/L STATION	X-COORDINATE	Y-COORDINATE
P.C. #5 505+00.80	3899619.135'	242977.518'
P.T. #5 517+18.49	3898524.712'	242486.892'
P.C. #6 528+32.09	3897438.925'	242355.537'
P.T. #6 563+94.07	3894190.230'	240967.094'
P.C. #7 579+05.80	3893024.990'	240003.998'
P.T. #7 591+96.92	3891946.049'	239299.828'
P.C. #8 624+18.83	3889067.344'	237852.845'

CURVE DATA NO. 5  
 $\Delta = 34.302680^\circ$   
 $D = 2.6072.04'$   
 $T = 67.94'$   
 $L = 2.17.69'$   
 $R = 2.02.180'$

CURVE DATA NO. 6  
 $\Delta = 32.40'54.84"$   
 $D = 0.55'03.07"$   
 $T = 1.930.91'$   
 $L = 3.561.98'$   
 $R = 6.244.63'$

CURVE DATA NO. 7  
 $\Delta = 12.53'17.16"$   
 $D = 0.59'53.56"$   
 $T = 648.30'$   
 $L = 1.291.12'$   
 $R = 5.739.84'$

CURVE DATA NO. 8  
 $\Delta = 25.44'51.72"$   
 $D = 0.30'00.15"$   
 $T = 2.618.77'$   
 $L = 5.149.11'$   
 $R = 11.458.18'$

APPROXIMATE C/L STATION

P.C. #8 675+67.94
P.O.T. 740+00.00
P.O.T. 759+70.00
P.O.T. 772+15.00

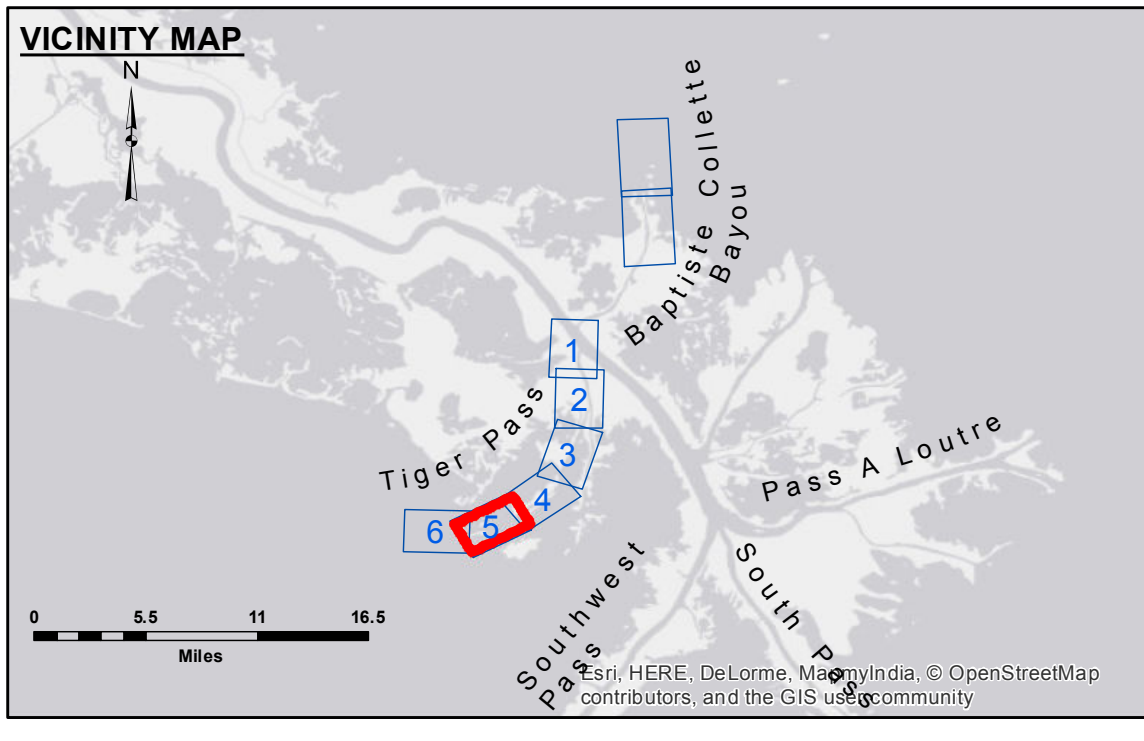


**Accession:** The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were originally furnished. The user is responsible for the results. The user is not to be held liable for any errors or omissions in the data. The user is not to be held liable for any damage or injury resulting from the use of the data. The user is not to be held liable for any loss of data or information. The user is not to be held liable for any other matter. The user is not to be held liable for any other matter. The user is not to be held liable for any other matter.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Submitted:	Checked By: RL
Recommended: Chief Survey Section	Checked By: RL
Approved:	Checked By: RL
Surveyed By: SPPM	Plotted By: BID

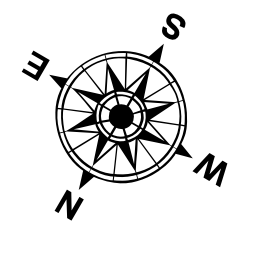
**MISS. RIVER OUTLETS AT VENICE  
TIGER PASS  
OV\_05\_TIG\_20151217  
17 December 2015**

**Sheet  
Reference  
Number  
5 of 6**

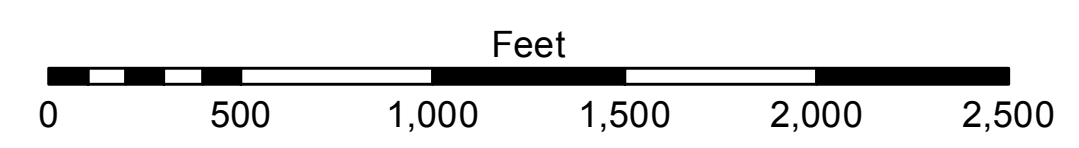


**LEGEND**

--- 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: DM 10: 3.6 MLG  
 Sea Conditions: CALM/CHOPPY  
 Vessel Name: OB-167  
 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). 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 based 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.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.