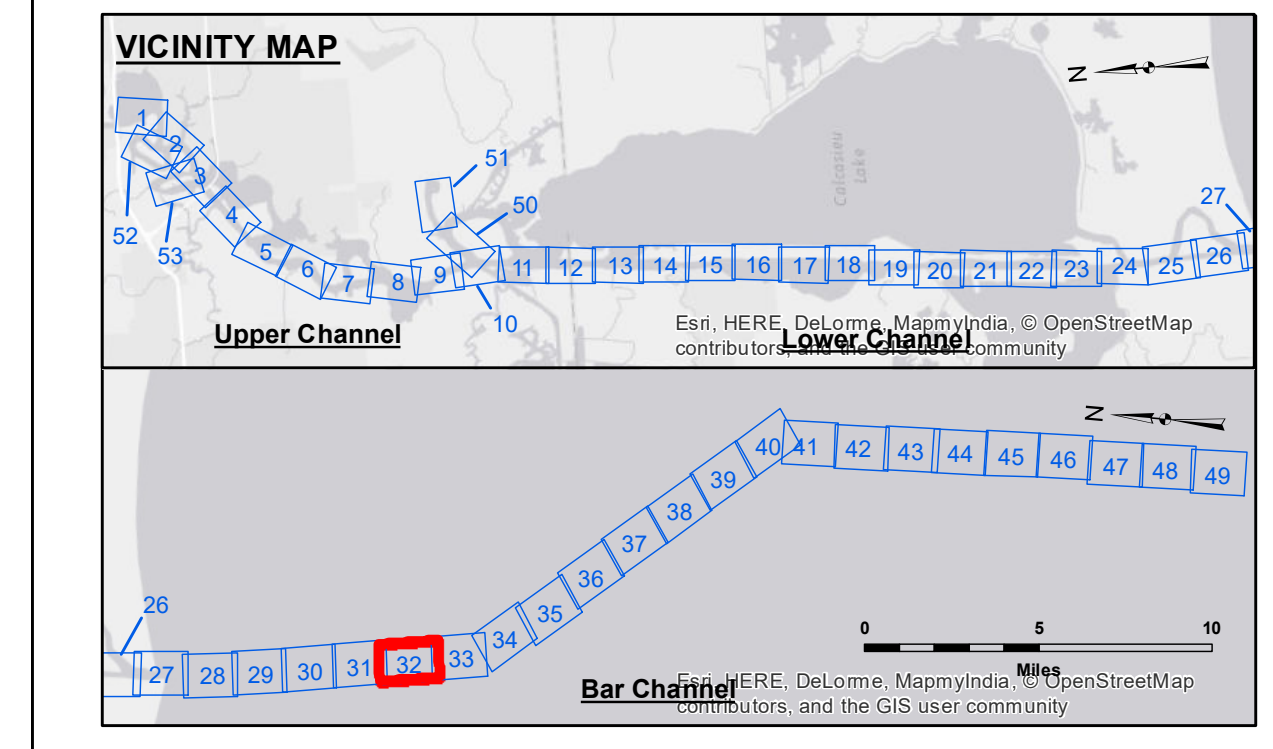
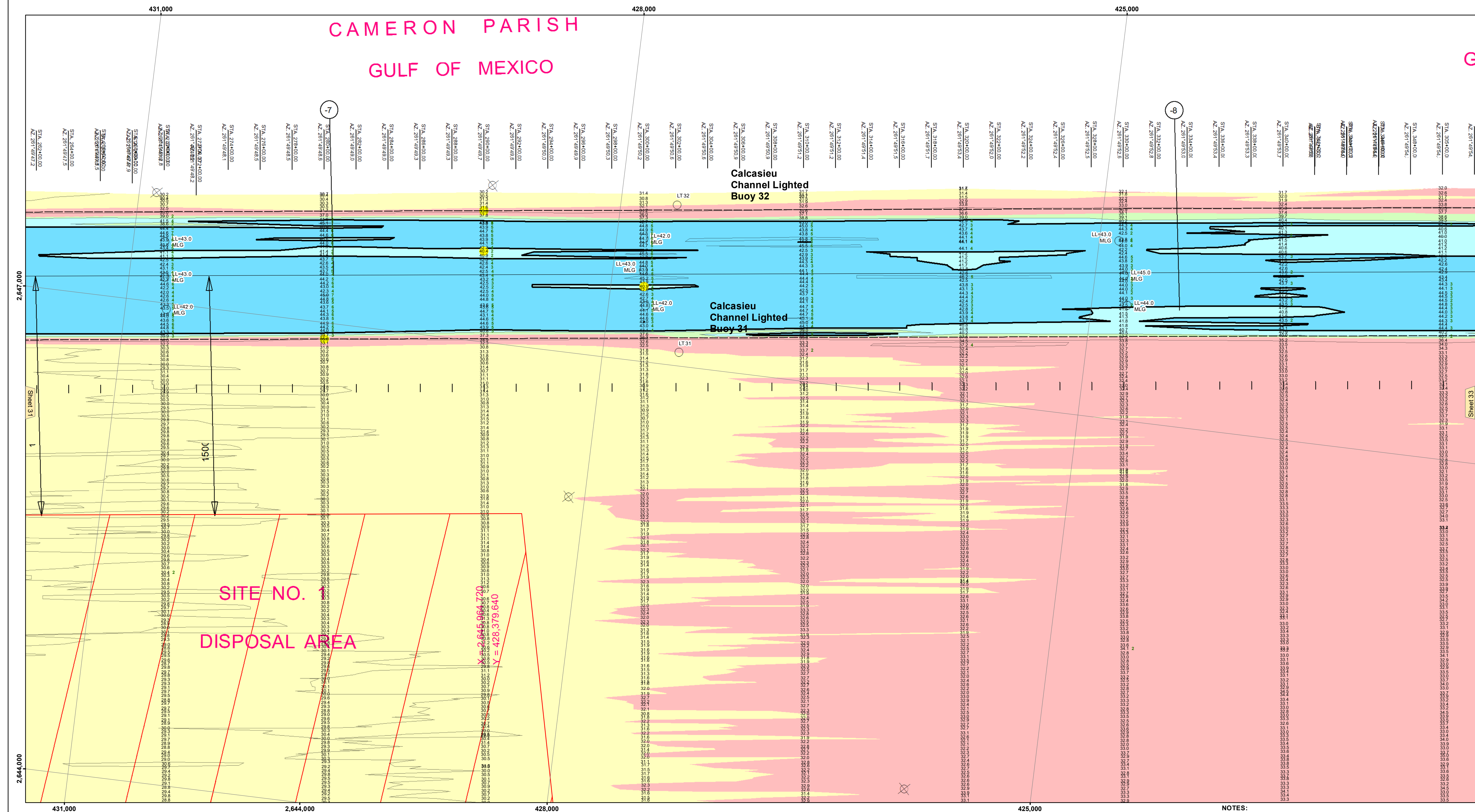
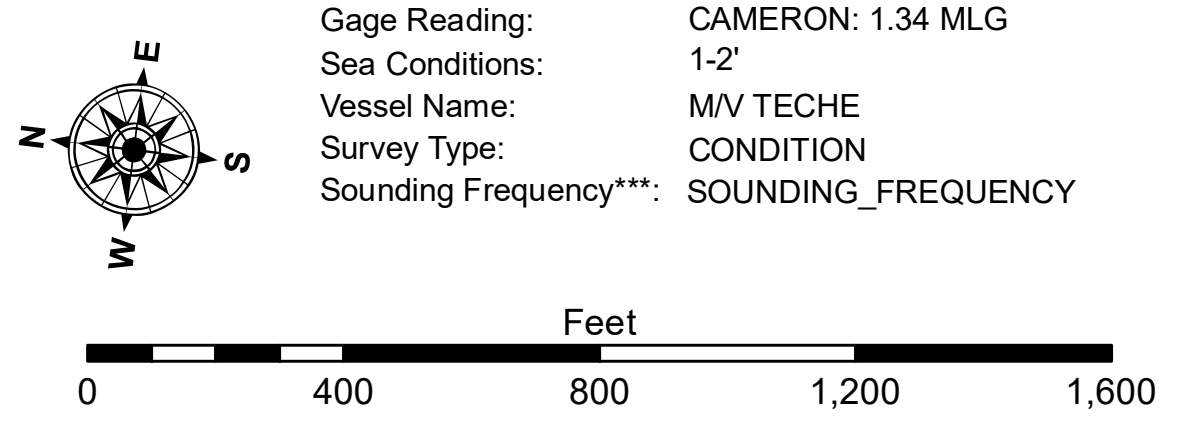


# CAMERON PARISH GULF OF MEXICO



LEGEND			
	Federal Navigation Channel		Cable Area
	Federal Navigation Center Line		Placement Area
	As-built Pipeline/Cable		Obstruction Point
	Unconfirmed Pipeline/Cable		Wrecks-Submerged
	Project Depth Contour		3 Fluff Thickness (feet)*
			Shoalest Sounding**
			Beacon, General
			Red Navigation Buoy
			Green Navigation Buoy



**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 73650 as of December 2013:  
 0.0' NAVD88 (2009.55) = 1.3' MLLW = 2.3' MLG or 0.0' MLLW = 1.0' MLG

Distances on the Calcasieu River are shown at 1 mile intervals.

The location of navigation aids are based on and provided by the U.S. Coast Guard and USACE survey crews.

2015 Aerial Photography data source: NAIP

Reference is N.O.A.A. Navigation Chart No. 11339.

\* Difference between high and low frequency elevations where greater than 1.0'.  
 \*\* 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 hydrographic survey conducted by the United States Army Corps of Engineers. The data represents the results of data collection for a specific US Army Corps of Engineers project and is not intended for use in any other project. The user is responsible for the accuracy, completeness, and reliability of the data for its intended use. The user is responsible for the accuracy, completeness, and reliability of the data for its intended use. The user is responsible for the accuracy, completeness, and reliability of the data for its intended use.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT		
Submitted:	Surveyed By: SR, JH	Plotted By: BD
Recommended:	Checked By: AC	Checked By: AC
Chief, Waterways Maintenance Section		

**CALCASIEU SHIP CHANNEL  
 BAR SHEET 32  
 CR\_32\_BAR\_20171107\_CS  
 07 November 2017**

**Sheet Reference Number  
 32 of 53**