



LEGEND			
	Federal Navigation Channel		Placement Area
	Federal Navigation Center Line		Obstruction Point
	As-built Pipeline/Cable		Wrecks-Submerged
	Unconfirmed Pipeline/Cable		Fluff Thickness (feet)*
	Project Depth Contour		Shoalest Sounding**
	Cable Area		Beacon, General
	Anchorage Area		Red Navigation Buoy
	Obstruction Point		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 Lower Low Water Datum (MLLW). 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.

Gage Reading: NOAA CALC PASS: 1.5' MLLW AVG
Sea Conditions: CALM
Vessel Name: SV TURPIN
Survey Type: CONDITION
Sounding Frequency***: LOW

Scale: 0 to 1,600 Feet



US Army Corps of Engineers District: CEMVN

The information depicted on this map represents the results of a survey conducted by the United States Army Corps of Engineers. The information is provided for informational purposes only and is not intended to be used for any other purpose. The user is responsible for the accuracy, completeness, and reliability of the information for any particular purpose of the user. The user is advised to consult the appropriate technical specifications and standards for the information. The user is advised to consult the appropriate technical specifications and standards for the information. The user is advised to consult the appropriate technical specifications and standards for the information.

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

**CALCASIEU SHIP CHANNEL
BAR SHEET 35
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