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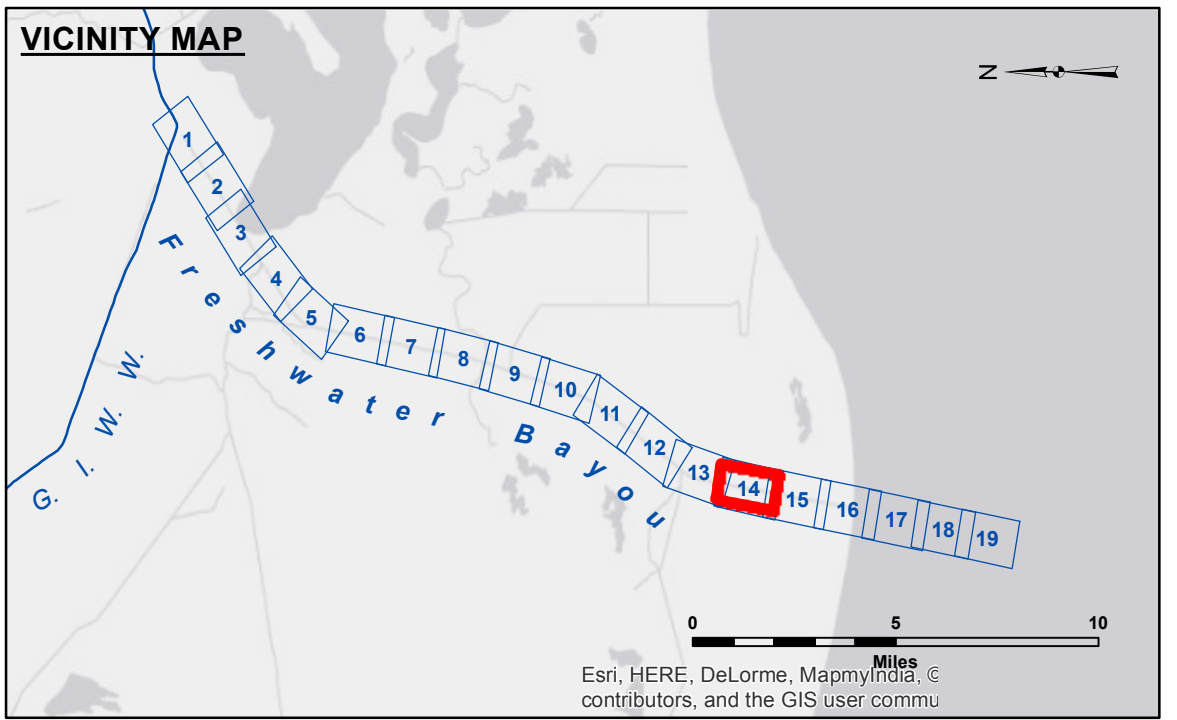
Data Constants: Hydrographic survey data is subject to change due to several factors including but not limited to: changing hydrographic conditions, changes in the bathymetry of the waterway, changes in the hydrographic conditions which develop after the date of the survey, and changes in the hydrographic conditions which develop after the date of the survey. Product maintainers should not rely solely upon this information.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Submitted:	Surveyed By: JA, JH
Recommended: Chief, Survey Section	Plotted By: AO
Approved:	Checked By: AO

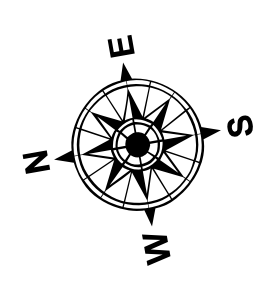
**FRESHWATER BAYOU
LOWER CHANNEL**

FB_14_LWR_20170902_CS_POSTSTORM

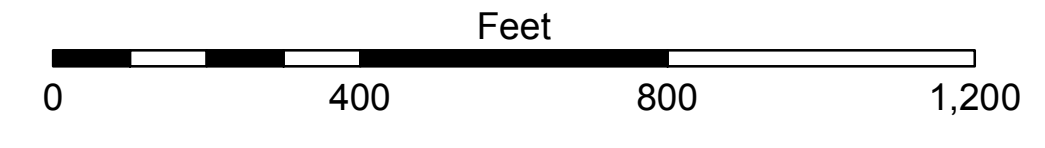
02 September 2017



- LEGEND**
- Federal Navigation Channel
 - Federal Navigation Center Line
 - As-built Pipeline/Cable
 - Unconfirmed Pipeline/Cable
 - Project Depth Contour
 - Cable Area
 - Placement Area
 - Anchorage Area
 - ⊗ Obstruction Point
 - ⚓ Wrecks-Submerged
 - Borrow Area
 - Shoalest Sounding**
 - ☆ Beacon, General
 - ◆ Red Navigation Buoy
 - ◆ Green Navigation Buoy
 - -12' and above
 - -12' and below



Gage Reading: FW LOCK: 2.5 MLG AVG
 Sea Conditions: 1' SEAS
 Vessel Name: MV TECHE
 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 for gage 76592 / 76593 as of August 2011:
 0.0' NAVD83 (2006.81) = 0.9' MLLW = 1.9' MLG or 0.0' MLLW = 1.0' MLG

Distances on the Freshwater Bayou 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. Navigation Chart No. 11350.

** 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.

Sheet Reference Number

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