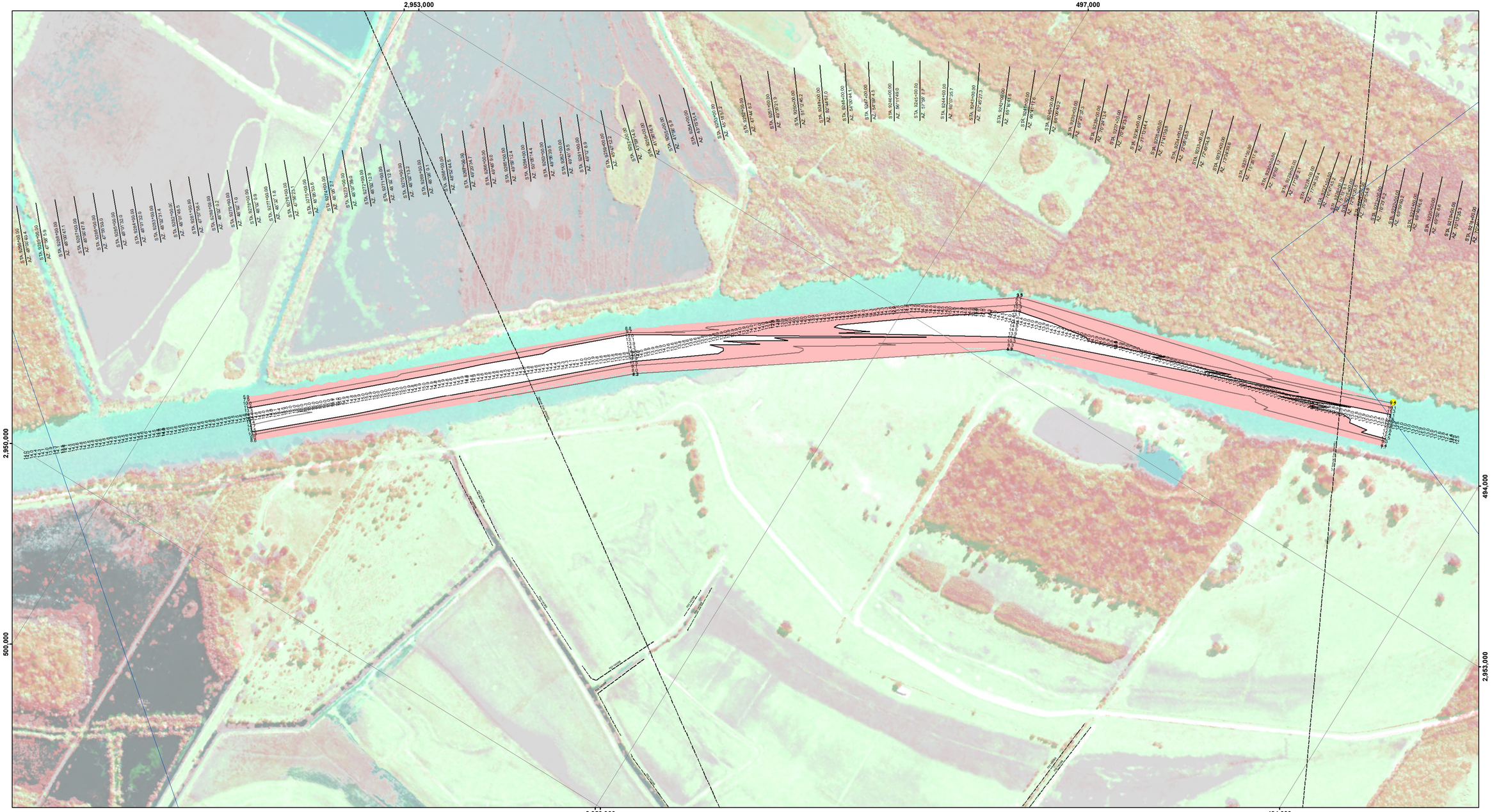
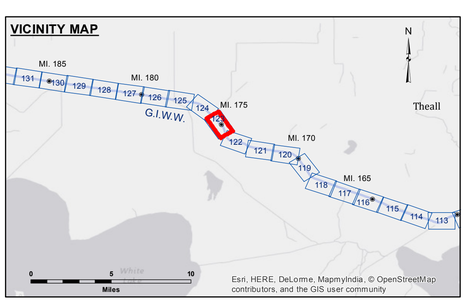



**VICINITY MAP**




**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: | LELAND BOWMAN: 3.2 MLG |
| Sea Conditions: | CALM |
| Vessel Name: | OB 167 |
| Survey Type: | CONDITION |
| Sounding Frequency***: | LOW |

Feet
0 500 1,000

**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).

Mile markers on the G.I.W.W. are shown in one mile intervals.

The location of navigation aids are base on and provided by the U.S. Coast Guard.

2010 Aerial Photography data source: NAIP. 1998 DOQQ imagery shown in green from USGS.

Reference is N.O.A.A. Navigation Chart No. 11348.

** 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.

US Army Corps of Engineers
District: CEMVN

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The information depicted on this map represents the results of a survey conducted on the date indicated and can only be considered to represent the general condition existing at that time.

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Data Constraints: Hydrographic survey data is subject to change due to environmental factors such as storms, human navigation activity and natural shoaling and scouring processes. The U. S. Army Corps of Engineers accepts no responsibility for changes in the data that occur after the survey date indicated on this publication. This data is intended for U. S. Army Corps of Engineers' internal use. Private business should contact a qualified surveyor.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted: _____

Recommended: _____
Chief, Survey Section

Approved: _____
Chief, Waterways Maintenance Section

Surveyed By: DR, SP
Plotted By: ATO
Checked By: RWM

# GULF INTRACOASTAL WATERWAY
# FRESHWATER TO MERMENTAU
# GW_23_F2M_20140604
# 04 June 2014

**Sheet Reference Number**
123 **of** 191

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