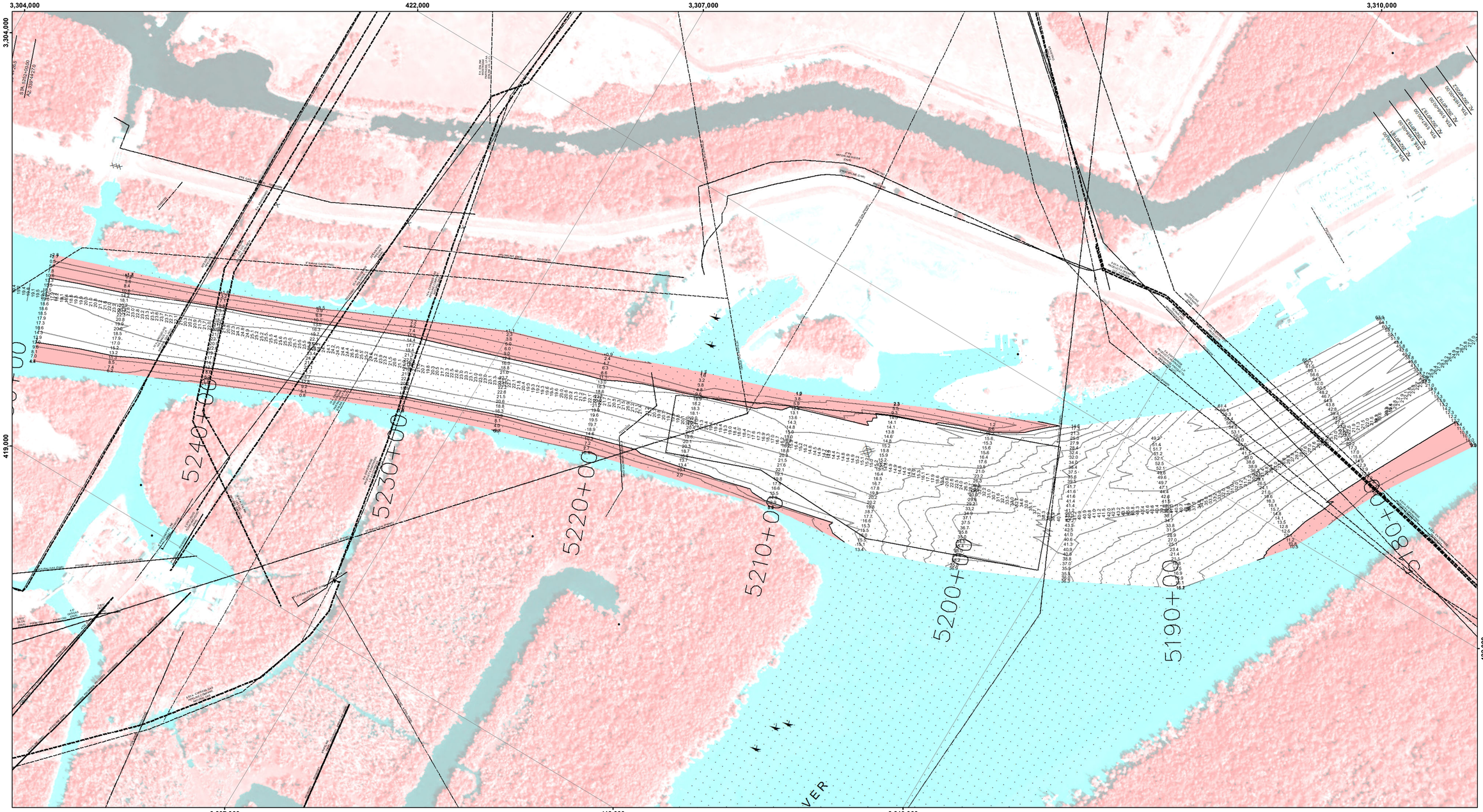

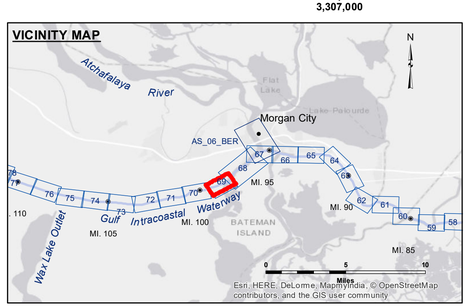

LEGEND

- 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:	MORGAN CITY: 7.9 MLG
Sea Conditions:	CALM
Vessel Name:	OB-189
Survey Type:	CONDITION
Sounding Frequency***:	HIGH

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).

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. 11355.

** 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

DISCLAIMER:
Access Constraints: The United States Government furnishes these data and information on an "as is" basis. The recipient agrees that the US Government assumes no warranty, either expressed or implied concerning the accuracy, completeness, reliability, or suitability for any particular purpose of the above information and the data furnished. The United States shall be under no liability whatsoever to any person by reason of any use made hereof, and it is agreed that the recipient will not transfer to any other party any claim against the United States by reason of any use which may be made of these data. In the event the recipient fully agrees not to represent these data to anyone as other than unofficial and preliminary, the recipient may receive and use these data to others without also transferring this Disclaimer.

Distribution Liability: The data represents the results of data collection and analysis performed by the Corps of Engineers activity and indicates the general existing condition. As such, it is only valid for its intended use, content, time and accuracy of the application. The Corps of Engineers is not liable for misuse of any of the application of the data for other than its intended purpose.

Data Constraints: Hydrographic survey data is subject to change due to environmental conditions such as storms, shoaling activity and natural shoaling and scouring processes. The U. S. Army Corps of Engineers accepts no responsibility for changes in the condition of the waterway subsequent to the date of this publication. This data is intended for U. S. Army Corps of Engineers' internal use. Private or commercial use of this data is prohibited.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:	Surveyed By: RY,LAND,ADAMS	
Recommended: Chief, Survey Section	Plotted By: BD	
Approved: Chief, Waterways Maintenance Section		Checked By: AO

GULF INTRACOASTAL WATERWAY
MILE 99 POINT
GI_69_M99_20180321_CS
21 March 2018

Sheet Reference Number
69 **of** 191

Revison Number:
3.12-20160811