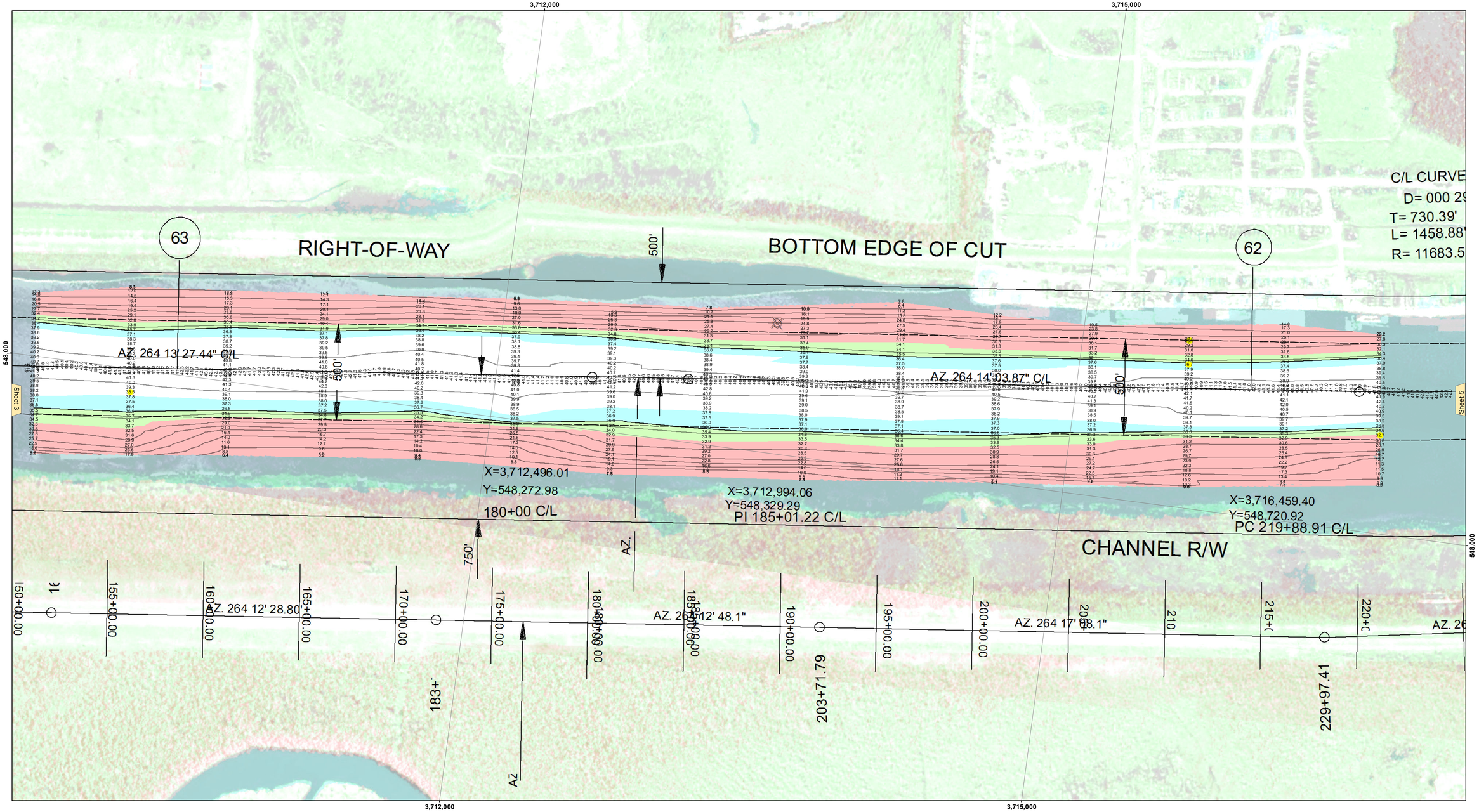

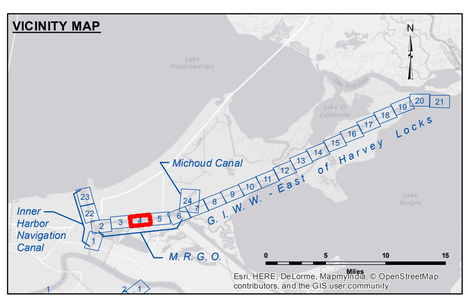

LEGEND

- 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
- -33' and above
- -33' to -36'
- -36' to -38'
- -38' and below

N W E S

Gage Reading:	IHNC: 2.75 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. 11367 and 11368.

** 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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Access Constraints: The United States Government furnishes these data and the US Coast Guard assumes them with the express understanding that they are intended for navigation purposes only, expressed, or implied concerning the accuracy, completeness, reliability, usefulness, or suitability for any purpose of the data and information and the data furnished. The United States shall be under no liability whatsoever to any person by reason of any use made thereof. It is agreed that the data and information furnished to the recipient fully agrees not to represent these data to anyone as other than the best available data and information and to make these data to others without also transferring this Disclaimer.

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 conditions existing at that time.

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Data Constraints: Hydrographic survey data is subject to change due to environmental factors such as storms, sediment transport activity and natural shoaling and scouring processes. The U. S. Army Corps of Engineers accepts no responsibility for changes in the survey data that occur after the date of the survey publication. This data is intended for U. S. Army Corps of Engineers' internal use. Private business should not rely solely upon it.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:	Surveyed By: RYLAND/SONNIER	
	Plotted By: BTD	
Recommended: Chief, Survey Section		Checked By: RN
Approved: Chief, Waterways Maintenance Section		

GULF INTRACOASTAL WATERWAY
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