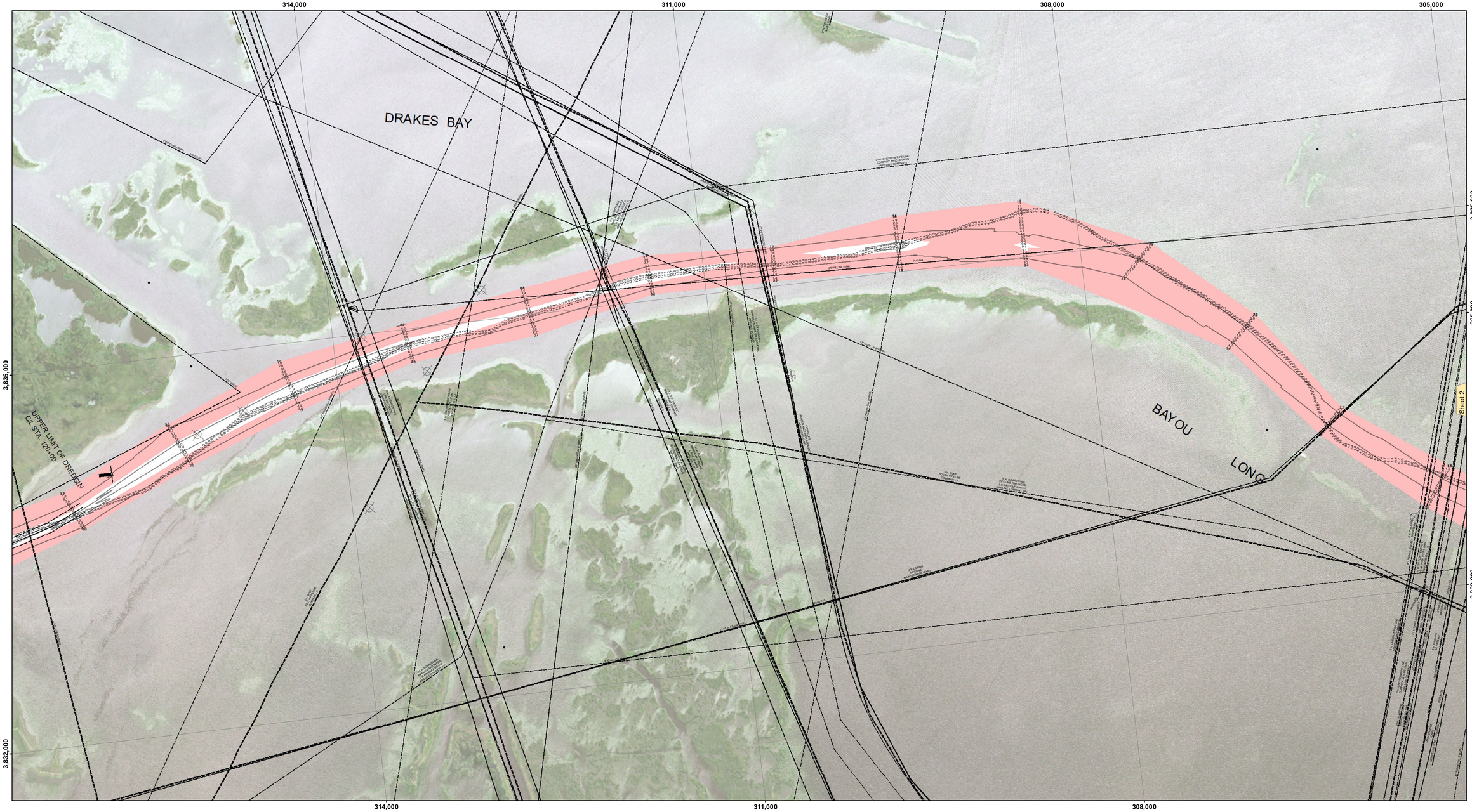


US Army Corps of Engineers
District: CEMVN

DISCLAIMER:

Access Constraints: The United States Government furnishes these data and information on an "as is" basis. The recipient agrees not to assert any claim against the United States Government, its agencies, or employees that may arise from the use of the data and information. The recipient agrees to indemnify the United States Government, its agencies, and employees for any and all claims arising from the recipient's use of the data and information.

Distribution Liability: The data represents the results of data collection and processing activities conducted by the Army Corps of Engineers according to the standards in effect at the time of the survey and indicates the general existing conditions. As such, it is only valid for its intended use, content, time and accuracy. The Army Corps of Engineers accepts no responsibility for any misinterpretation of the data for other than its intended purpose.

Data Constraints: Hydrographic survey data is subject to change due to the dynamic nature of the environment in which we collect data, including activity and natural shoaling and scouring processes. The U. S. Army Corps of Engineers accepts no responsibility for the changes in the data that occur between the date of survey and the date of publication. This data is intended for U. S. Army Corps of Engineers' internal use. Private commercial use should only occur upon it.

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.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

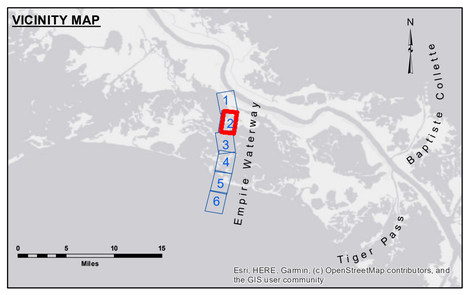
Surveyed By: RYLAND/SONNIER	Plotted By: AO	Checked By: AO	
Submitted:	Recommended: Chief, Survey Section	Approved: Chief, Waterways Maintenance Section	

EMPIRE WATERWAY
EMPIRE BAY
EM_02_BAY_20200312_CS
12 March 2020

Sheet Reference Number
2 **of** 6

Revison Number:
4.0-201907022

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
- -9' and above
- -9' and below

Gage Reading:	EMPIRE STAFF: 1.6 GAGE DATUM
Sea Conditions:	CALM
Vessel Name:	M/V OB 189
Survey Type:	CONDITION
Sounding Frequency***:	LOW

Feet
0 500 1,000 1,500

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.

2015 Aerial Photography data source: NAIP. 1998 DOQQ imagery shown in green from USGS.

Reference is N.O.A.A. Navigation Chart No. 11358 and 11364.

** 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.