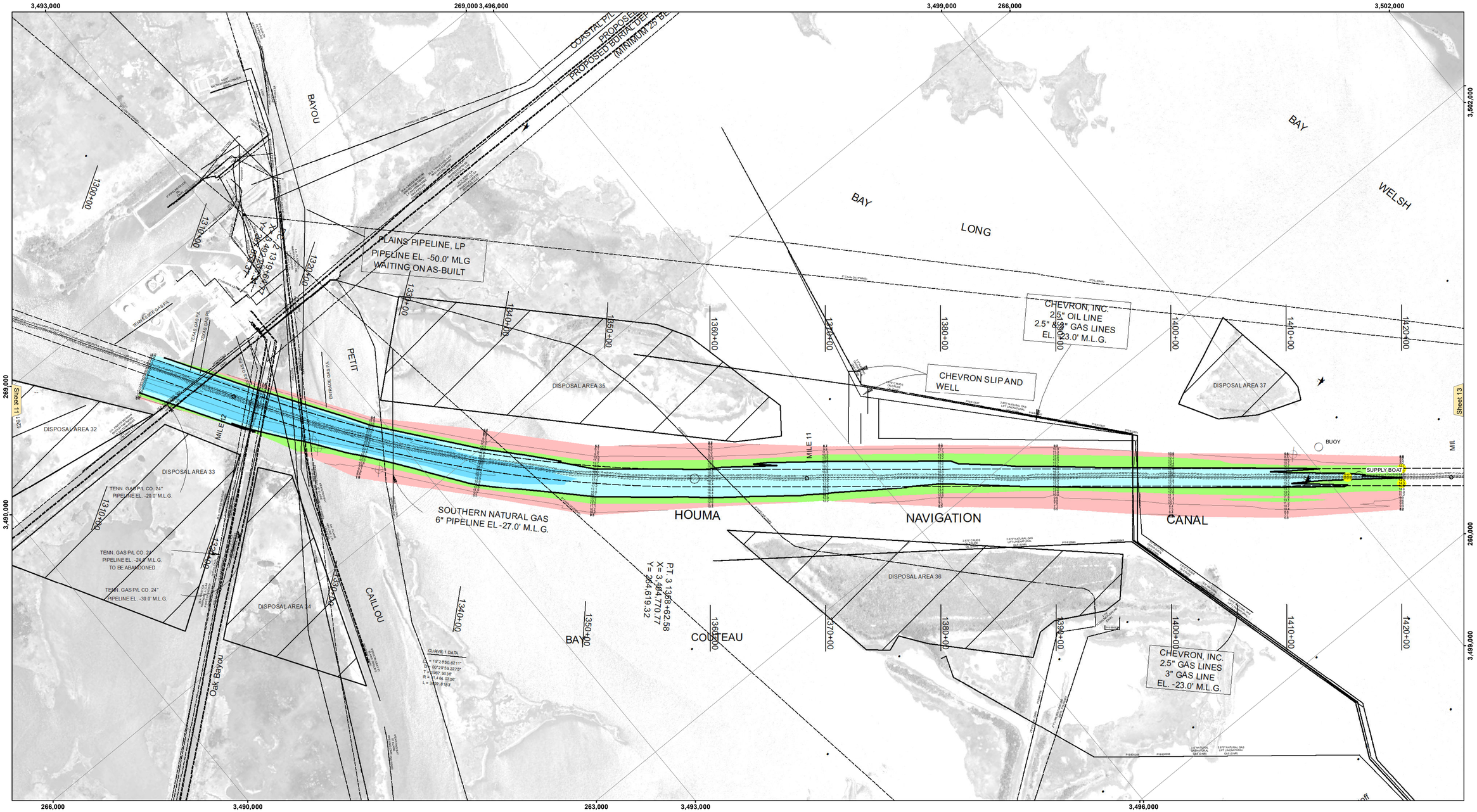

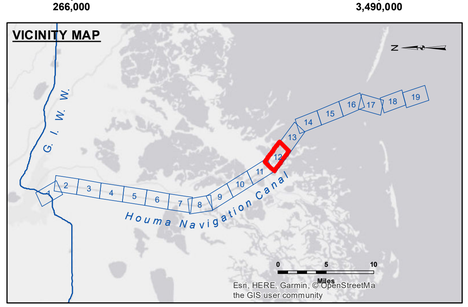

LEGEND

- 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' to -15'
- -15' to -18'
- -18' and below

N E S W

Gage Reading:	COCODRIE: 3.27 MLG AVG.
Sea Conditions:	CALM
Vessel Name:	OB-169
Survey Type:	CONDITION
Sounding Frequency***:	LO

Feet
0 400 800 1,200 1,600 2,000

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).
Datum Relationships for 76305 as of August 2014:
0.0' NAVD88 (OPUS 2010) = 0.42' MLLW (2007-2011) = 1.34' MLG

Distances on the Houma Nav. Canal are shown at 1 mile intervals.

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

2015 Aerial Photography data source: NAIP

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 this data and information on an "as is" basis. The recipient agrees to assume responsibility for its use and understanding that the US Government makes no warranties, expressed, or implied concerning the accuracy, completeness, reliability, or suitability of this data and information and the data furnished. The United States shall be held harmless from any liability resulting from any use made thereof. These data belong to the Government. Therefore the recipient fully agrees not to represent these data to anyone as other than Government data. The recipient also agrees not to resell 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 condition existing at that time.

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Data Constraints: Hydrographic survey data is subject to change without notice due to the dynamic nature of the hydrographic activity and natural shoaling and scouring processes. The U. S. Army Corps of Engineers assumes no responsibility for changes in the hydrographical conditions which develop after the date of publication. This data is intended for U. S. Army Corps of Engineers' internal use. Project measures based on this survey report.

U.S. ARMY CORPRS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:

Recommended: Chief, Survey Section

Approved: Chief, Waterways Maintenance Section

Surveyed By: PM,SPS

Plotted By: BD

Checked By: AO

HOUMA NAVIGATION CANAL
BAY CHANNEL
HN_12_BAY_20190718_CS_POSTSTORM
18 July 2019

Sheet Reference Number
12 of 19

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