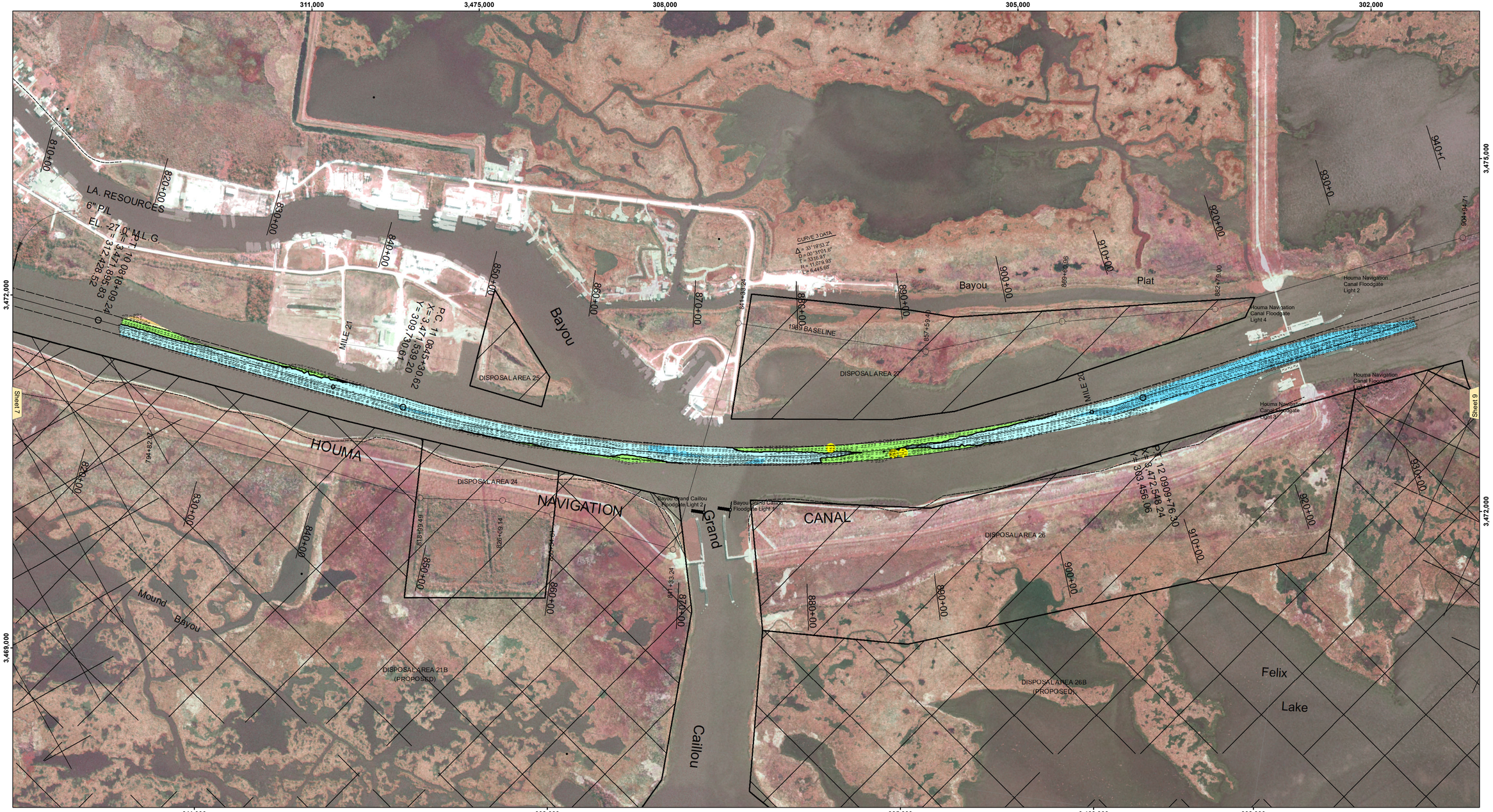

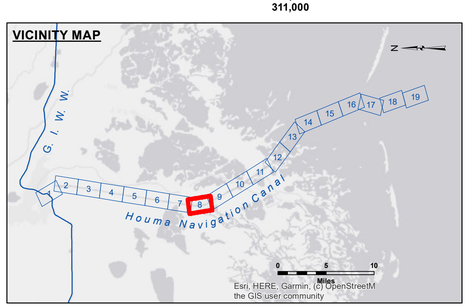

LEGEND

- 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
- -8' and above
- -8' to -10'
- -10' to -12'
- -12' to -16'
- -16' to -19'
- -19' and below

Gage Reading: MLLW TIDE
Sea Conditions: CALM
Vessel Name: S3009
Survey Type: CONDITION
Sounding Frequency***: 350kHz

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 Lower Low Water Datum (MLLW).
Datum Relationships for 76305 as of September 2022:
0.0' NAVD88 (OPUS 2019) = 0.40' MLLW = 1.40' 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.

2019 Aerial Photography data source: NAIP (1998 DOQQ Imagery in green)

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

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Access Constraints: The United States Government furnishes these data and information on an "as is" basis. The Government makes no warranties, expressed, or implied concerning the accuracy, completeness, reliability, or suitability of the information, of any portion of the information and the data furnished. The United States shall be held harmless from any liability resulting from the use of the information 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 agrees to place this disclaimer on 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 the time.

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Data Constraints: Hydrographic survey data is subject to change due to dynamic nature of waterways and influences from natural activity and natural shoaling and scouring processes. The U.S. Army Corps of Engineers does not warrant the accuracy of the data in the hydrographical conditions which develop after the date of publication. This data is intended for U.S. Army Corps of Engineers' internal use. Present revisions based on any party report.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:
Recommended: Chief, Survey Section
Approved: Chief, Waterways Maintenance Section

Surveyed By: NKT
Plotted By: BD
Checked By: MS

HOUMA NAVIGATION CANAL
LOWER CHANNEL
HN_08_LWR_20210903_CS_POSTIDA_MLLW
03 September 2021

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