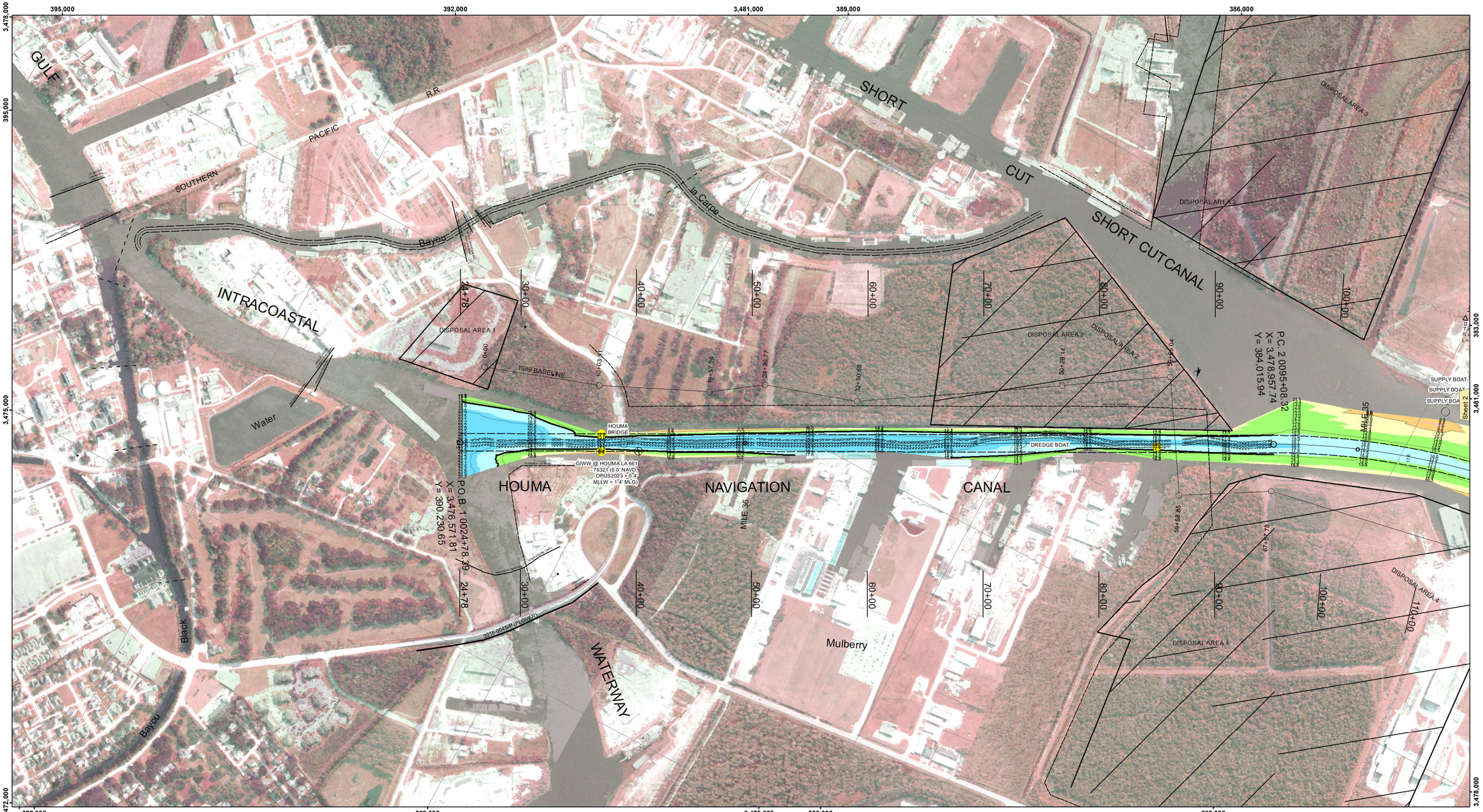
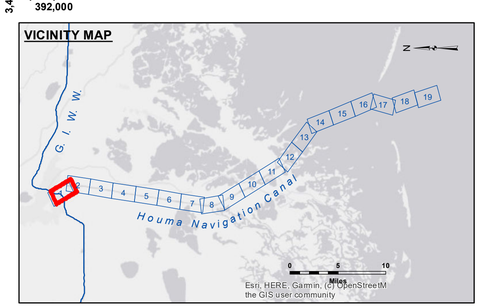


VICINITY MAP



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

Gage Reading:	VRS RTK NTRIP: 0.55 MLLW AVG.
Sea Conditions:	CALM
Vessel Name:	OB-169
Survey Type:	CONDITION
Sounding Frequency***:	LOW

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 76320 as of September 2022:
0.0' NAVD88 (2009.55) = 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

DISCLAIMER

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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 due to environmental processes occurring between the date of survey and natural shoaling and scouring processes. The U. S. Government assumes no responsibility for changes occurring 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 monuments should be verified prior to use.

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NEW ORLEANS DISTRICT

Submitted:	Surveyed By: SP-SR
Recommended:	Plotted By: BD
Approved:	Checked By: AOJH
	Chief, Survey Section
	Chief, Waterways Maintenance Section

HOUMA NAVIGATION CANAL
LOWER CHANNEL
HN_01_LWR_20230124_CS
24 January 2023

Sheet Reference Number
1 **of** 19

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