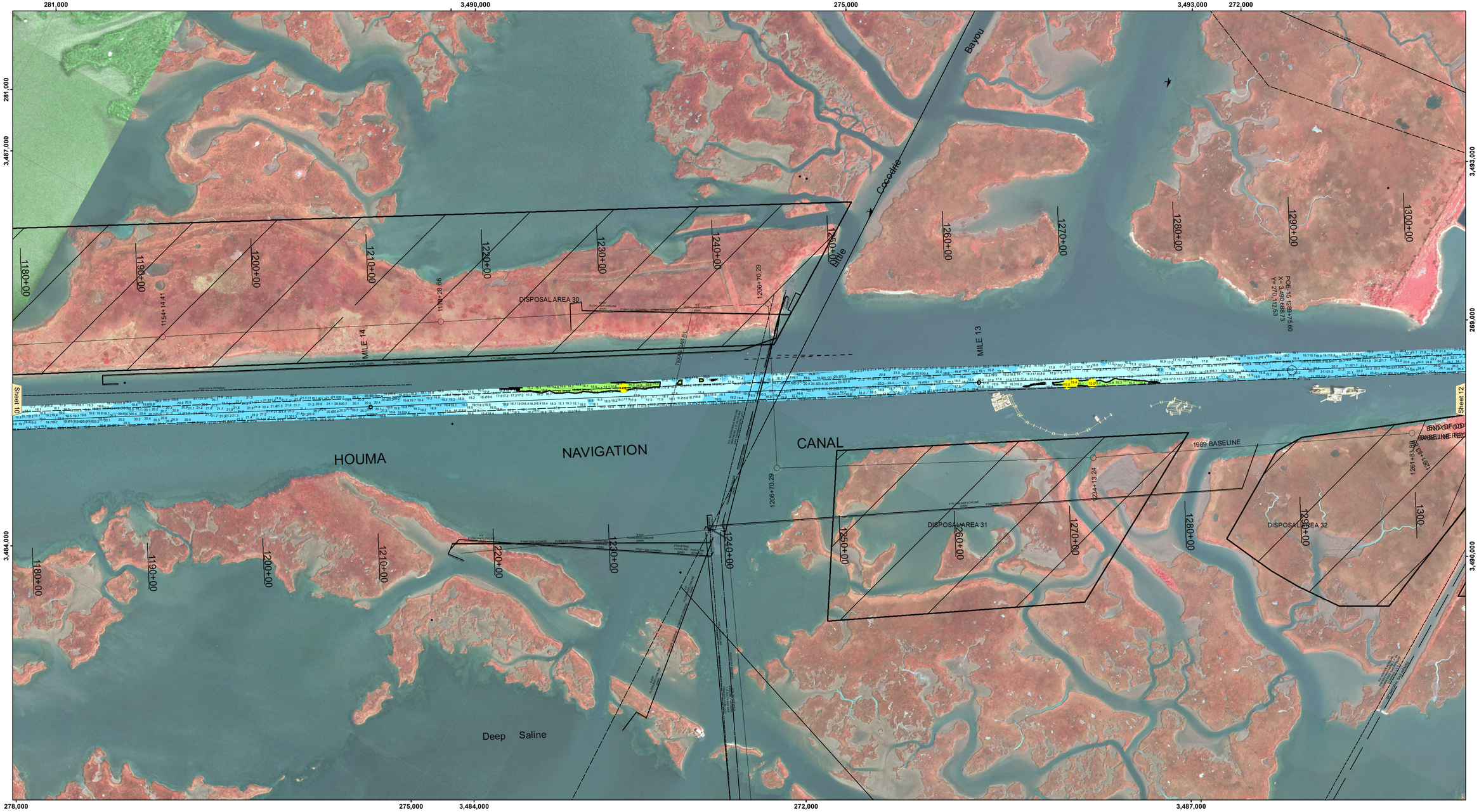

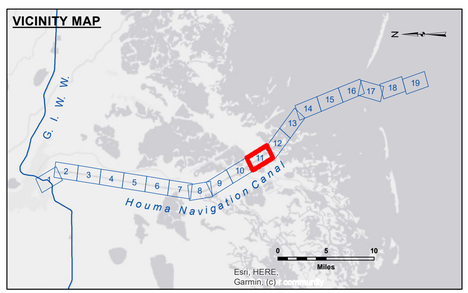

LEGEND

- 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:	RTK VRN - ADJUSTED TO MLLW
Sea Conditions:	CALM
Vessel Name:	NOAA NRT
Survey Type:	CONDITION
Sounding Frequency***:	HIGH

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.

2022 Aerial Photography data source: Optimal GEO, Inc. (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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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 dynamic conditions inherent in coastal and riverine environments. Shoaling and natural shoaling and scouring processes. The U. S. Corps of Engineers makes no representations as to the validity of 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 mariners should use this survey report.

U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted:	Surveyed By: NOAA NRT	
	Plotted By: JH	
Recommended: Chief, Survey Section	Checked By: JH	
Approved: Chief, Waterways Maintenance Section		

HOUMA NAVIGATION CANAL
LOWER CHANNEL
HN_11_LWR_20240914_CS_POSTSTORM_3K3
14 September 2024

Sheet Reference Number
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