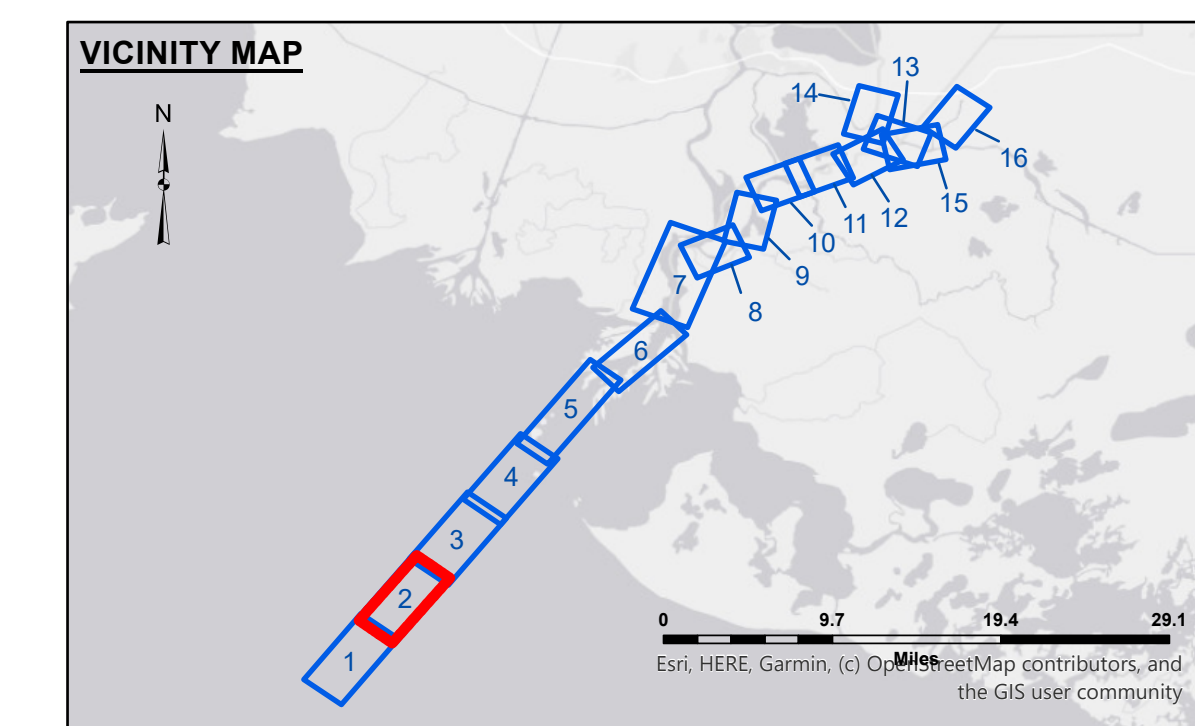
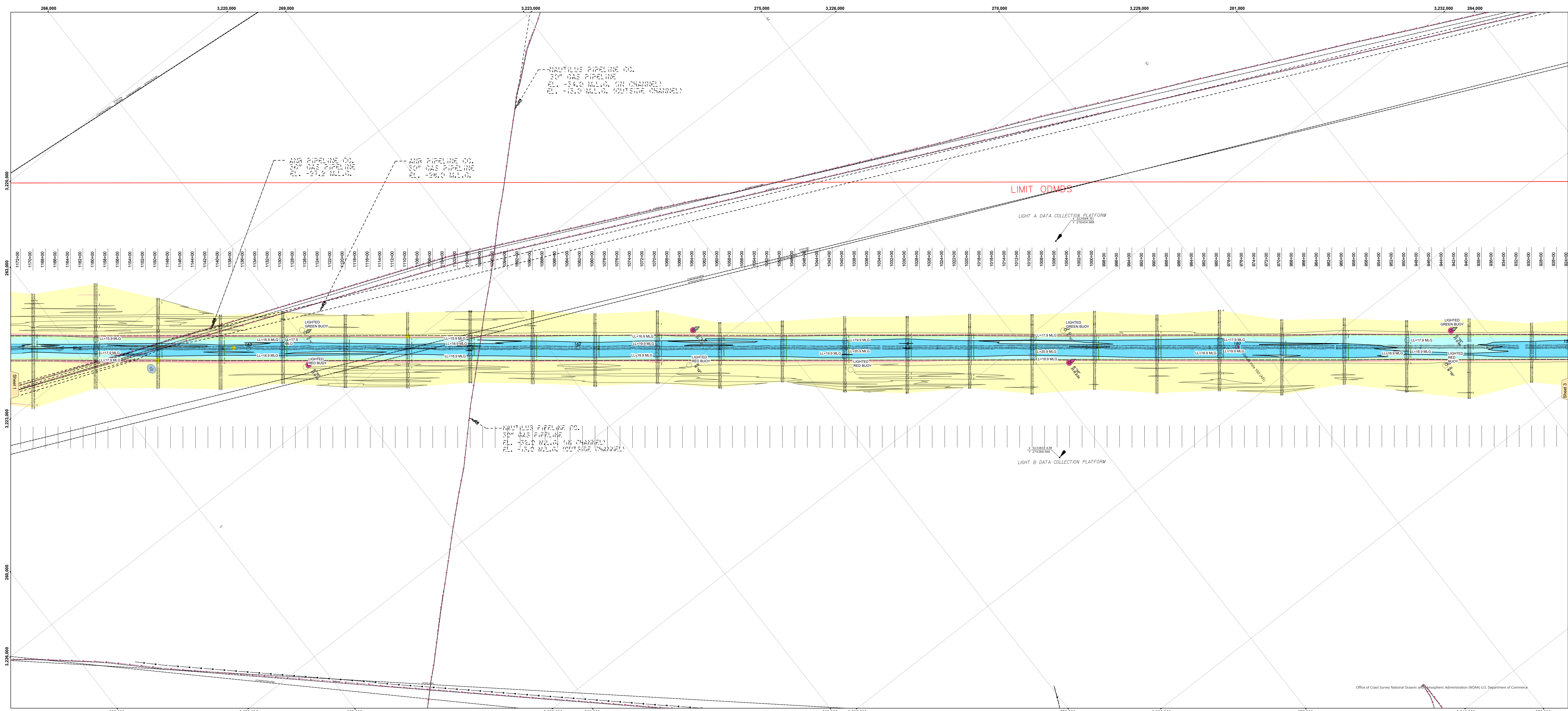




LEGEND			
	Federal Navigation Channel		Cable Area
	Federal Navigation Center Line		Placement Area
	As-built Pipeline/Cable		Anchorage Area
	Unconfirmed Pipeline/Cable		Obstruction Point
	Project Depth Contour		Wrecks-Submerged
	Borrow Area		Shoalest Sounding**
	Beacon, General		Red Navigation Buoy
	Green Navigation Buoy		Fluff Thickness*

Gage Reading:
Sea Conditions:
Vessel Name:
Survey Type:
Sounding Frequency**:

EUGENE ISLAND VRN: 1.14 MLG AVG
CALM
MV DUCARPE
CONDITION
LOW

Feet
0 800 1,600 2,400 3,200

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 the gage 88600 as of August 2013:
0.0' NAVD83 = 0.6' MLG
1.6' MLG
Distances on the Atchafalaya River are shown at 1 mile intervals.
The location of navigation aids are based on and provided by the U.S. Coast Guard.
2019 Aerial Photography data source: P.A.R. LLC, (1998 DOQQ imagery in green).
Reference is N.O.A. Navigation Chart No. 11354.
* Difference between high and low frequency elevations where greater than 1.0'.
** 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 bathymeter
settings.

US Army Corps
of Engineers
District: CEMVN

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U.S. ARMY CORPS OF ENGINEERS
NEW ORLEANS DISTRICT

Submitted By	Reviewed By
Checked By	Approved By

ATCHAFALAYA RIVER
BAR CHANNEL
AR_02_BAR_20251113_CS
13 November 2025

Sheet
Reference
Number
2 of 16

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