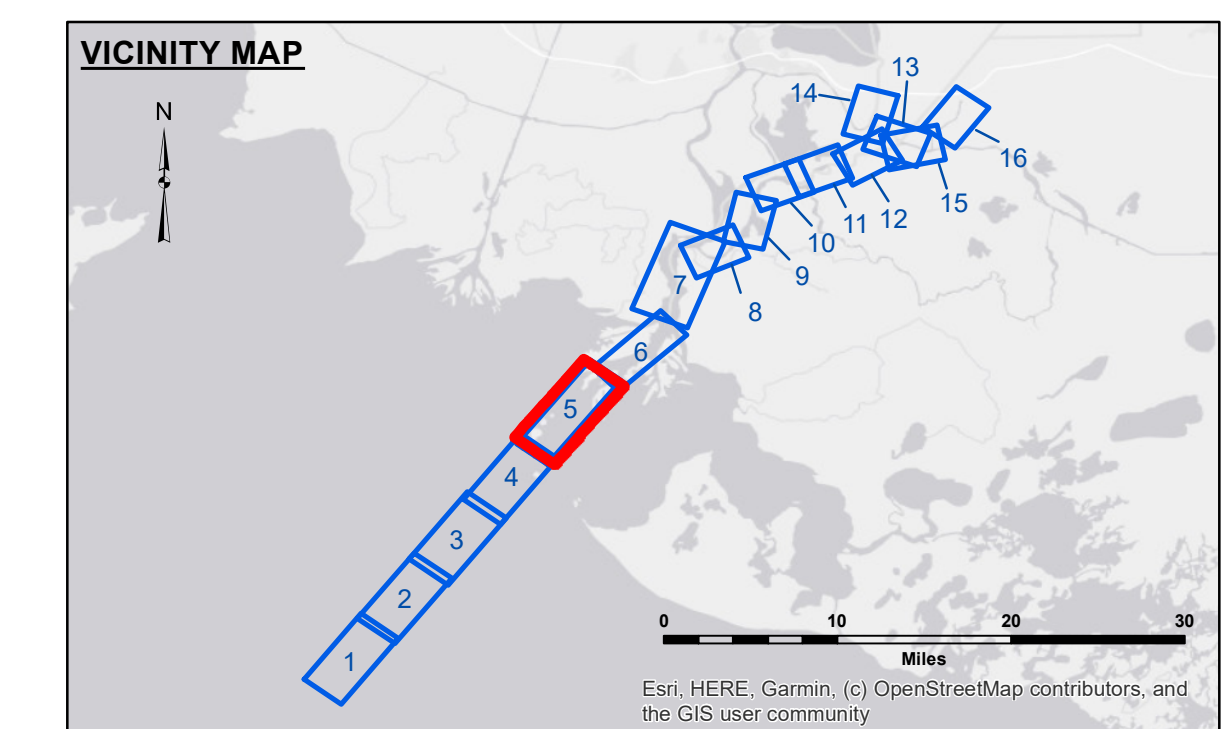
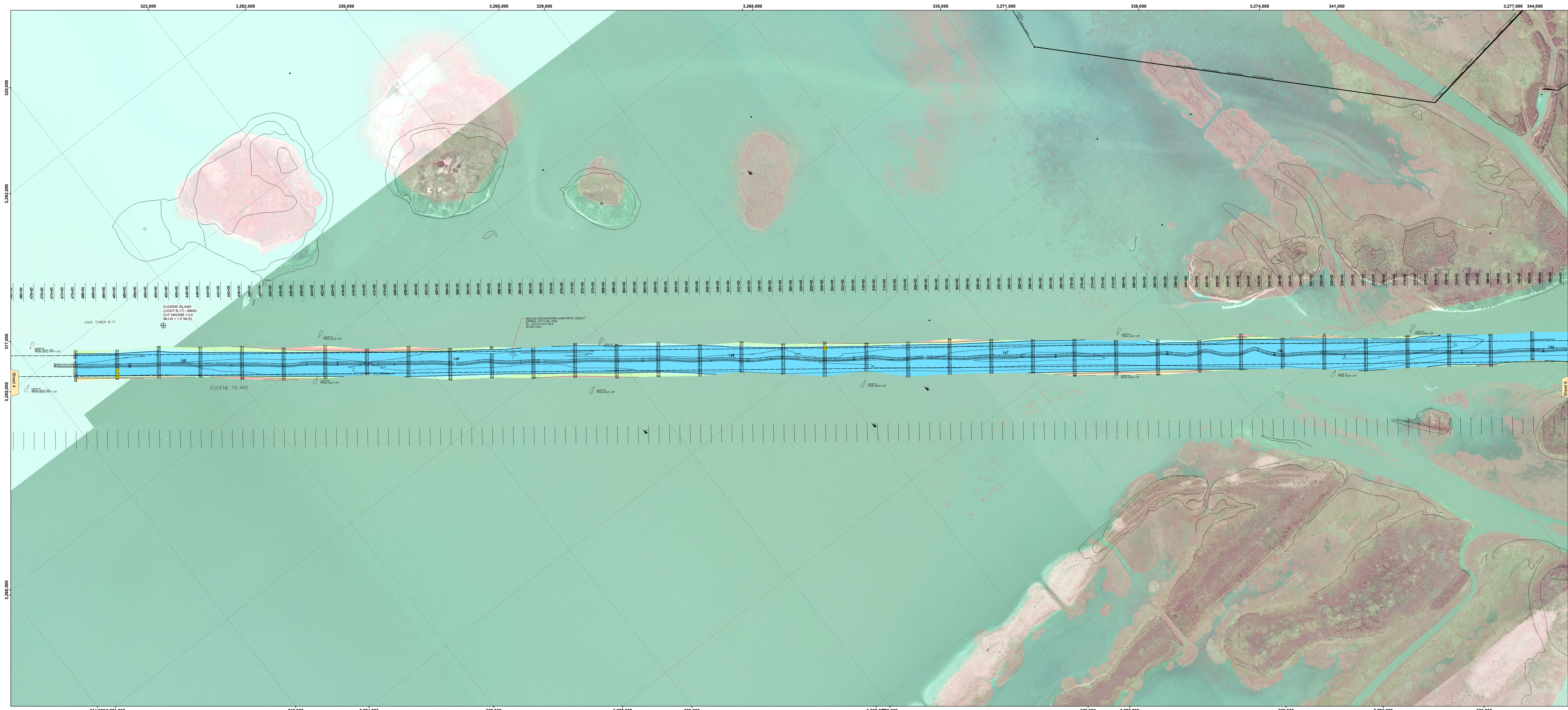
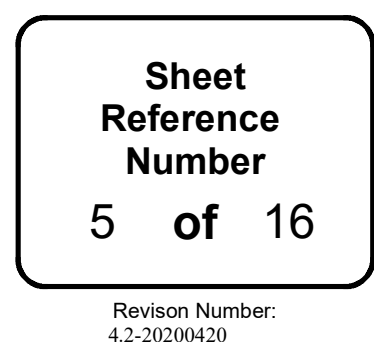
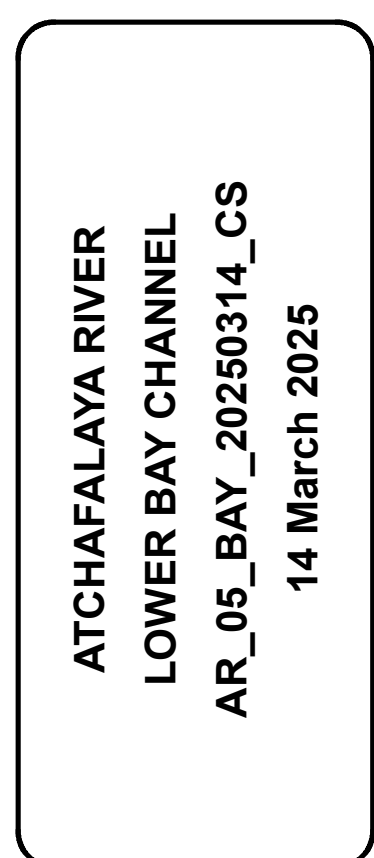
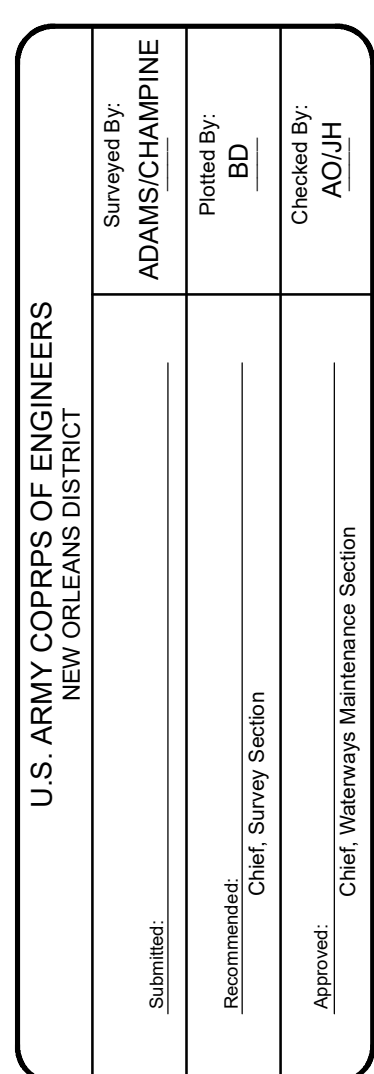
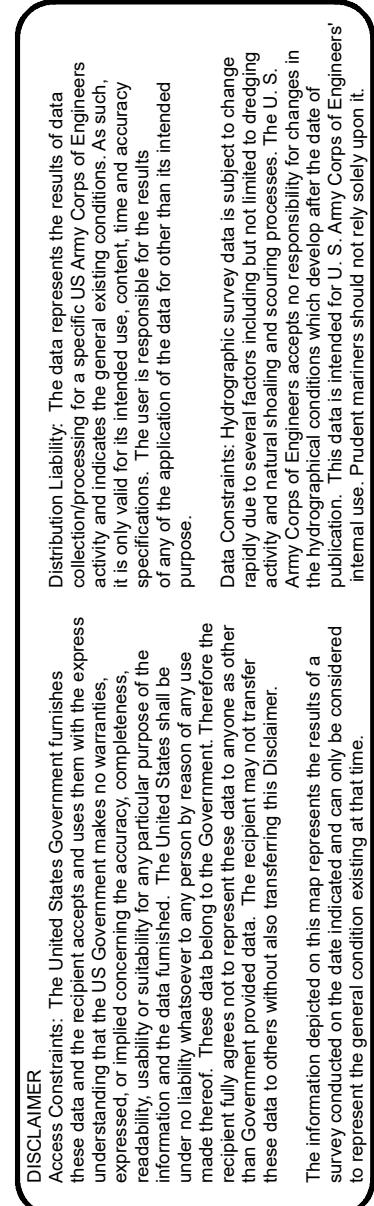
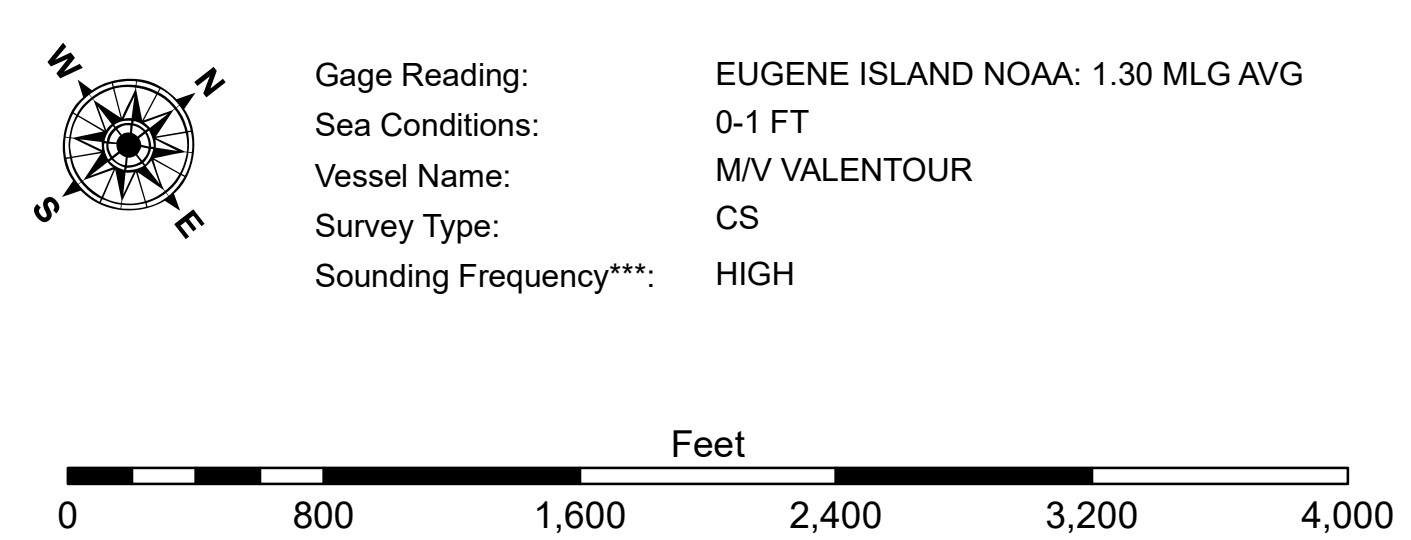




LEGEND							
---	Federal Navigation Channel		Cable Area		Borrow Area		-12' and above
—	Federal Navigation Center Line		Placement Area		Shoalest Sounding**		-12' to -15'
—	As-built Pipeline/Cable		Anchorage Area		Beacon, General		-15' to -18'
.....	Unconfirmed Pipeline/Cable		Obstruction Point		Red Navigation Buoy		-18' to -20'
—	Project Depth Contour		Wrecks-Submerged		Green Navigation Buoy		-20' and below
						3	Fluff Thickness*



NOTES: \$35,000.00

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 include depths below Mean Low Gulf Datum (MLG).
Datum Relationships for the year 18600 as of August 2013:
0.0' NAD83 = 0.0' IMLW = 0.0' MLLW

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.

1920 Aerial Photography data source: PAR, LLC. (1998 DOQQ imagery in green).

Reference is N.O.A.A. Navigation Chart No. 11354.

*** Shoalest Sounding per Quarter per Reach.

*** High frequency (200 kHz) sounder data represents the first signal return at a sounding location and will include suspended sediments, known as "fluff". In general, Low frequency (DO) sounder data represents the bottom of the water column and will depict elevations of consolidated bottom material. Low frequency accuracies may vary depending on channel conditions and bathymeter settings.