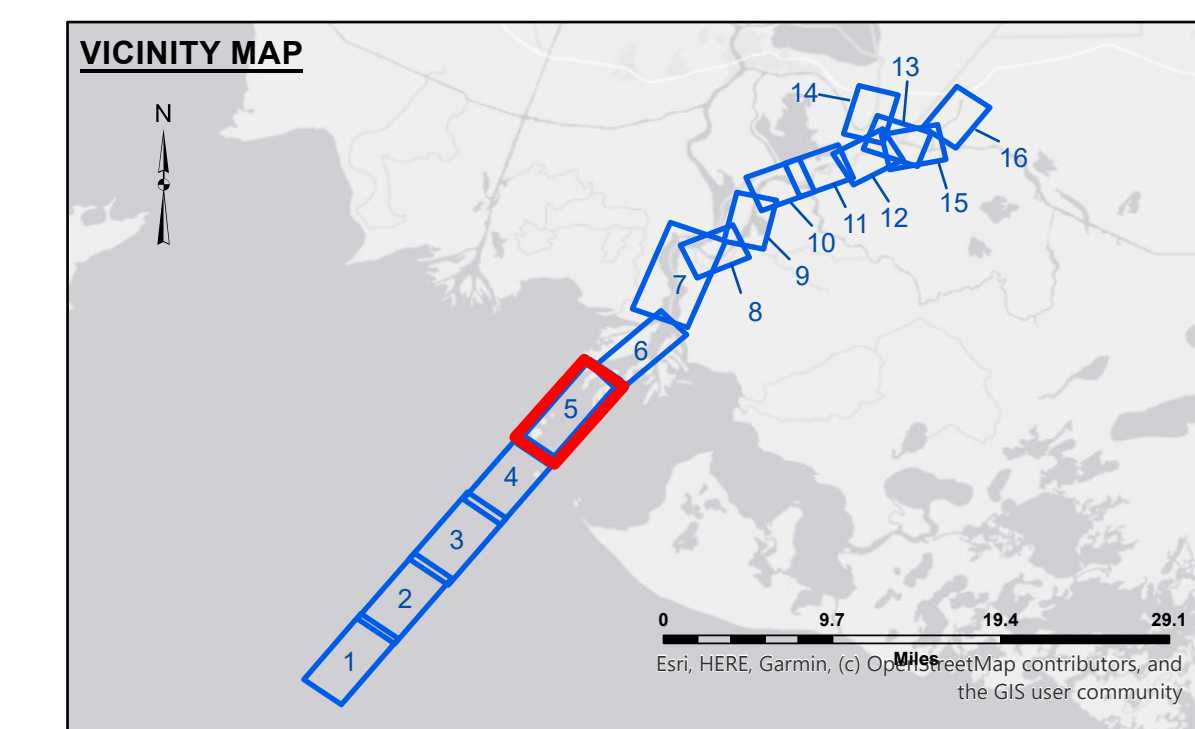
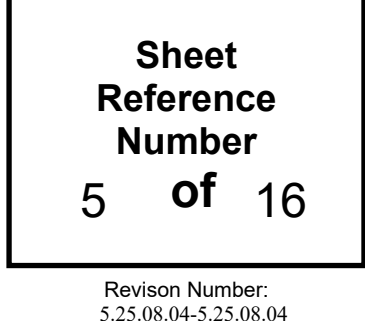
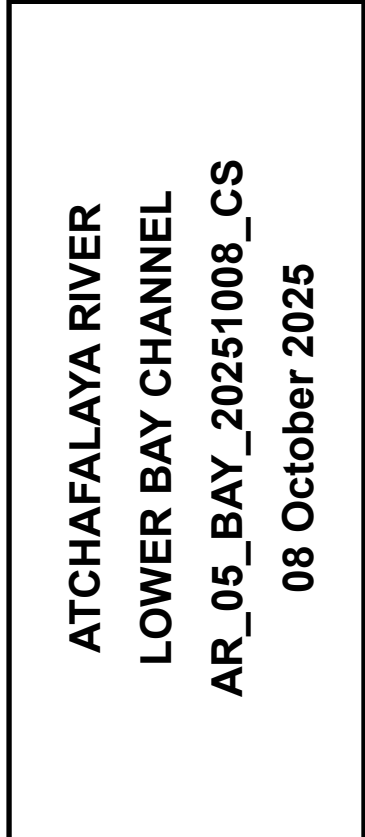
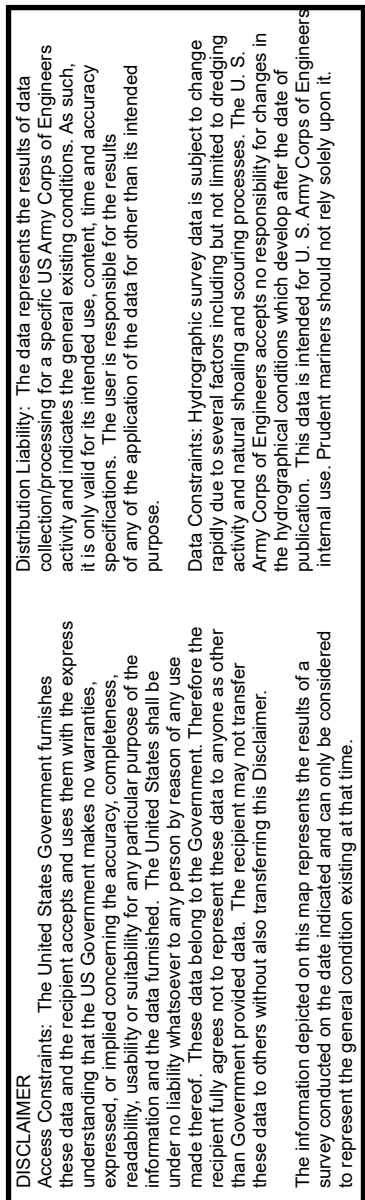





 Gage Reading: EUGENE ISLAND: 1.18 MLG AVG.
 Sea Conditions: CALM
 Vessel Name: DUCARPE
 Survey Type: CS
 Sounding Frequency***: LOW

NOTES: 350,000

HORIZONTAL:

Northwestern Louisiana (8183 NAD83), projected to the State Plane
Coordinate System (SPCS), Louisiana State Zone. Distances units in U.S. Survey Feet.

VERTICAL:

Soundings are shown in feet and depths below Mean Low Gulf Datum (MLG).
Datum Relationships for the gauge 88600 as of August 2013:
0' NAVD83 = 0' MLLW = 15' MLG

The locations on the Atchafalaya River are shown at 1 mile intervals.

The location of navigation aids is based on and provided by the U.S. Coast Guard.

2019 Aerial Photography data source: PAR, LLC (1989 DOQ imagery in green).

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

*** Shallowest Sounding per Quarter Chart Per Reach.

*** High frequency (200 KHz) survey data represents the first signal return at a sounding location and includes suspended solids, known as "fluff." If present, Low frequency (200 KHz) survey data normally penetrates through this "fluff" layer to detect conditions of consolidated material. Low frequency accuracies may vary depending on channel conditions and sounding geometry.