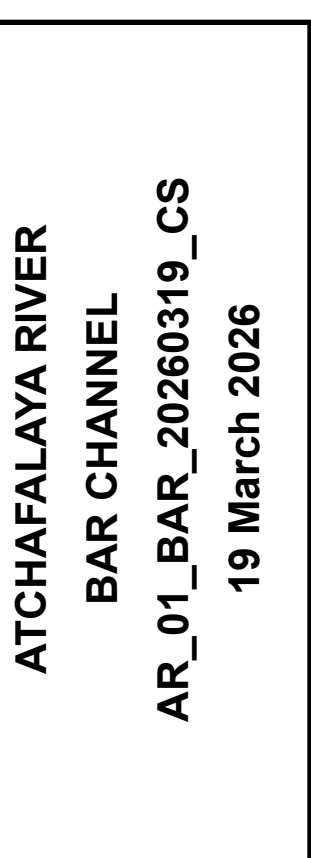
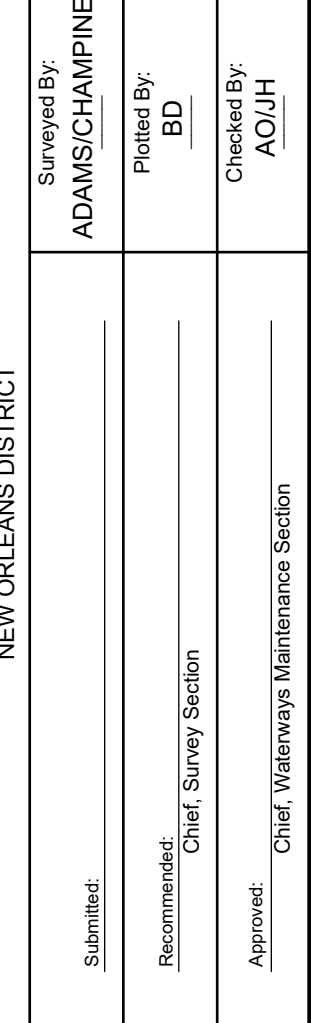
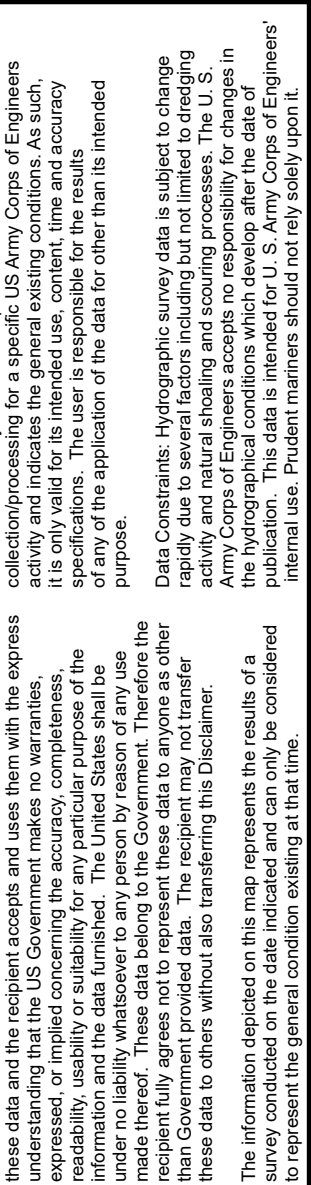





 Gage Reading: EUGENE ISLAND: 0.80 MLG AVG.
 Sea Conditions: 0-1 FT
 Vessel Name: VALENTOUR
 Survey Type: CS
 Sounding Frequency***: LOW


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

NOTES: 280,000 ft

Horizental 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 Relationship: The datum is 2860.0 ft as of August 2013.
MLW = 0.0 MLLW = 1.5 TMLG

Distances on the Atchafalaya River are shown at 1/2 mile intervals.

The location of navigation buoys are based on and provided by the U.S. Coast Guard.

1998 Aerial Photography data source: P.A.R. LLC (1998 DOG00 imagery in green).

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

* Difference between high and low frequency elevations where greater than 1.0'.

** Smallest Soundings 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.