




 Gauge Reading: EUGENE ISLAND: 3.37 MLG AVG.
 Sea Conditions: 0-1 FT
 Vessel Name: M/V VALENTOUR
 Survey Type: CS
 Sounding Frequency***: LOW

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

NOTES:
 Horizontal Coordinate System: North American Datum 1983 (NAD83), projected to the State Plane Coordinate System (SPCS), Louisiana South Zone. Distance units in U.S. Survey Feet.
 Vertical Datum: Sea level
 Section thickness shown in feet and includes depths below Mean Low Gulf Datum (MLGD)
 Data Relationships for the figure 88600 as of August 2013:
 0.0 NAD83 = 0.0' MLG
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 Distances on the Alachua River are shown at 1 mile intervals.
 The location of navigation aids are based on and provided by the U.S. Coast Guard.
 Source: Air Photo Photography data source: PRR, LLC (1968 DOQ imagery in green).
 Reference is NOAA, Navigation Chart No. 11354.
 ** Difference between high and low frequency elevations where greater than 1.0'.
 *** Shoalest sounding per Quarter per Reach.
 *** High frequency (2004 Hz) quarter data represents the first signal return at a sounding location. This signal will be the first signal return if the signal is present. Low frequency (20 survey data) normally penetrates through this "fluff" layer to detect conditions of consolidated material. Low frequency accuracies may vary depending on channel conditions and bathymetry.

ATCHAFALAYA RIVER
BAR CHANNEL
AR_04_BAR_20250502_CS
02 May 2025