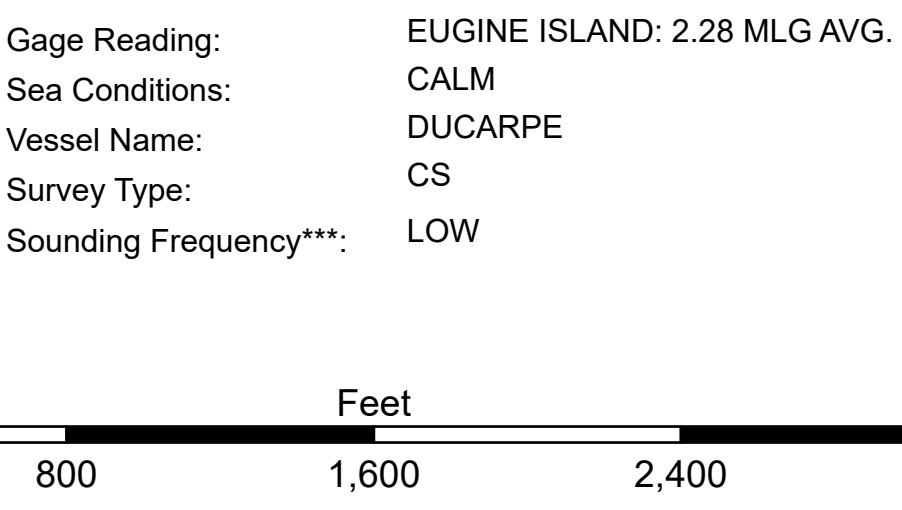
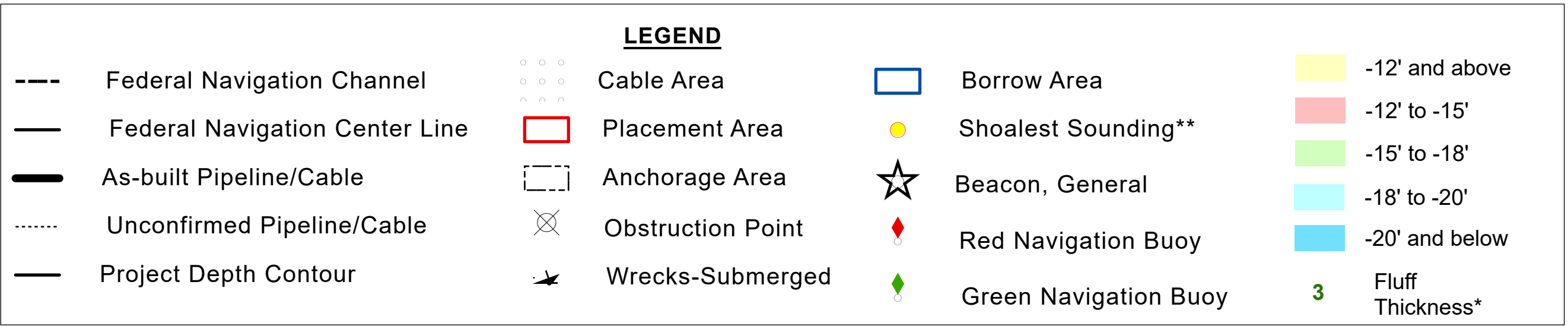




NOTES:
 Horizontal Coordinate System:
 North American Datum of 1983 (NAD83), known as the State Plane
 Coordinate System (SPCS), Louisiana South Zone. Distance units in U.S. Survey Feet.
 Vertical Datum:
 Soundings are based on feet and indicate depths below Mean Low Gulf Datum (MLG).
 Datum Relationships for the gauge 88000 as of August 2013:
 0.0 NAVD83 = 0.0 MLLW + 1.5 MLG
 Distances on the Navigation Aids are shown at 1 mile intervals.
 The location of navigation aids are based on and provided by the U.S. Coast Guard.
 Reference Information data: BUMP 2006 (Q006 1998 in transparent green)
 Aerial Photo is N.O.A.A. Navigation Chart No. 11354.
 * Difference between high and low frequency elevations were greater than 1.0'.
 ** Shoalest Sounding per Quarter per Reach.
 *** Highest Sounding per Quarter per Reach represents the first signal return at a sounding location. If there is a second signal, known as "fluff", if present, Low signal returns at a sounding location may be present. The "fluff" may be caused by the sounding system's signal return data normally penetrates through this "fluff" layer to detect elevations of considerable depth. Low frequency accuracies may vary depending on channel conditions and data settings.