



Figure IV.A.1.iii.a – The top plot is a seven day record of both the NOAA and CCOM gauges. The blue line in the bottom plot is the difference between the two gauges. The spike in the data is at 20:18 (UTC) on June 7, 2007 and marks when the Aquatrak controller was replaced in the NOAA gauge. The orange line is a linear fit to the data before the controller was replaced and the black line is a linear fit to the data after the controller was replaced.

IV.A.1.iv - Tidal zoning

A discrete tidal zoning for Piscataqua River Entrance was designed by CO-OPS. This zoning scheme used NOAA gauge 8423898 Fort Point as the reference station. The time and range correctors for the survey area were -6 min and x1.00, respectively. The uncertainty associated with the zoning scheme is approximately 0.2m (personal correspondence with C. Kammerer)