GNSS Real-time Tide Measurement Package

C-Nav, USA, has launched its GNSS real-time tide measurement package, C-Tides. The suite combines the vertical accuracy of C-Nav's GNSS Precise Point Positioning service with ocean and coastal tide models.

features real-time filters and vessel dynamics, a choice of world-wide Mean Sea Surface or regional reference frame models, and tidal prediction for mission planning.

C-Tides Offline utilities include data smoothing and outlier rejection, harmonic analysis, Doodson X0 filter and a LAT option.

The results are suitable for combining with other suitably calibrated vertical components to achieve IHO S-44 Order 1 or better.

https://www.hydro-international.com/content/news/gnss-real-time-tide-measurement-package