

# HIPS and SIPS Supports EdgeTech™s Metrics



A quality control and filtering metric has been made available for EdgeTech and CARIS users. With their software release CARIS HIPS and SIPS supports the EdgeTech 6205™s real time range and angle uncertainties which help significantly cut down on processing time. The EdgeTech 6205 is a Multi Phase Echo Sounder (MPES) that uses EdgeTech™s bathymetric technology to provide an enhanced and fully integrated bathymetry and dual frequency side scan sonar system.

The range and angle uncertainties are commonly used to quantify how accurate soundings are and to determine the true depth at any point in a survey area from the estimated soundings. The real time uncertainties are an integral part of the surveyor's toolkit for streamlining the post processing stage of large scale projects since they can be

used as a filtering tool, or by certain algorithms like CUBE. This capability in [CARIS HIPS and SIPS](#) complements the EdgeTech's [6205](#) wide swath capabilities in shallow water, thereby offering an even more efficient surveying tool to the hydrographic community.