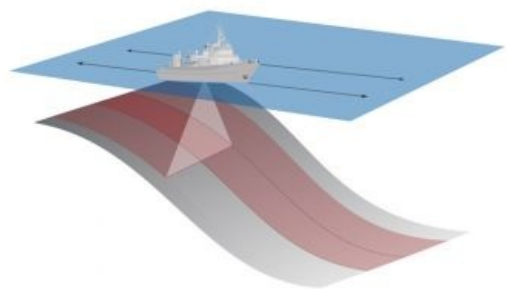


New Calibration Capabilities in HIPS and SIPS



Teledyne CARIS has released HIPS and SIPS 10.4. This version introduces the first commercial release of CIDCO's Automatic Boresight Calibration tool, providing a systematic approach to calibration as an alternative to the traditional, manual patch test.

Borrowing adjustment techniques from the Lidar industry, the Multibeam-IMU Automatic Calibration (MIBAC) algorithm developed by CIDCO is now available in HIPS. The Automatic Boresight Calibration tool is designed to simplify both survey planning and post-processing for calibration requirements, requiring fewer survey lines in the field and providing a repeatable, robust calculation of the boresight angles between the IMU and sonar in post-processing in just a few clicks. The algorithm also provides immediate feedback to the processor on the quality and confidence of the calculation.



This release also includes support for additional formats such as R2Sonic TruePix imagery, Kongsberg KMALL, and Triton XTF for advanced processing in SIPS Backscatter. For more information, please visit the HIPS and SIPS product page for details.

<https://www.hydro-international.com/content/news/new-calibration-capabilities-in-hips-and-sips>
