

Canadian Hydro Info Network Complete



CARIS' Bathymetric DataBASE (BDB) software has provided the last link of a 25 year project enabling the Canadian Hydrographic Service (CHS) to implement their Hydrographic Information Network. This project involved innovative changes, including adopting a multi-disciplinary organisational structure and more flexible management style, as well as embracing and developing new technological applications.

The end result is that CHS hydrographers now have the best possible understanding of the acquisition, processing and the validation of data in an environment that promotes the continuous improvement and standardisation of procedures.

The implementation of BDB is the final link in the Hydrographic Information Network. BDB utilises the latest database server technology that allows for the management and analysis of all of CHS' bathymetry in one coherent structure. BDB allows multi-beam, single-beam, Lidar, and historical soundings from a variety of sources to be brought together and managed for effective validation, analysis and product extraction.

Image: The Hydrographic Information Network Award Ceremony. Pictured from left: Ariane Plourde, regional director of sciences at the Maurice-Lamontagne Institute; Paul Bellemare, ex-director of CHS (now retired); Frédéric Lavoie, marine geomatics engineer at CHS; Kevin Wilson, strategic accounts manager at CARIS; Marc Journault, manager at CHS; Andrée Bolduc, regional director of CHS Quebec.