

Oceanography Seminar

Jules Hummon

RESEARCH ASSOCIATE
UNIVERSITY OF HAWAII AT MANOA

“UHDAS: Improving the Utility of Shipboard ADCP data”

Ocean currents derived from ADCP (Acoustic Doppler Current Profiler) measurements are used by many oceanographers. The Currents Group at the University of Hawaii has been involved for over 20 years in developing, maintaining, and supporting robust, configurable, open source software to process ADCP data. The processing software, "CODAS" (Common Ocean Data Access System), is the core of a larger effort to create a reliable and robust system to acquire and automatically process ADCP data on board ships -- "UHDAS". UHDAS provides near real-time access to high-quality ocean current data to users on the ship via the on-board ship's network, sends a daily email digest to technical support personnel on the ship and on land (UHDAS Team at UH) for monitoring and troubleshooting, and creates a consistent, calibrated, predictable dataset that can be used immediately or into the future.

Thursday February 6th, 2020 3:00p.m. MSB 100