

AANDERAA NEWSFLASH

Using a fishing rod to study the effects of shipping in the Bornholm strait

Moorings, surface water "skimming" and Salinity/Temperature profiles using a fishing rod to study the effects of shipping in the Bornholm strait.

Environmental effects of shipping is studied as part of the [EU-Sheba project](#). To follow up on the [successful expedition](#) with the sail yacht Hrimfare earlier this summer a one-day expedition was done with the dive boat Baltic Explorer.



CastAway CTD hooked to fishing rod ready to collect water column profiles of Salinity and Temperature

A cluster of sensors (Oxygen, Salinity, Temperature, pH and Depth) was suspended off the side in the crane to continuously measure in surface water. A [CastAway CTD](#) unit with a built-in GPS was hooked to a fishing rod. It was then used to collect Salinity and Temperature profiles from the surface to the bottom while sinking. Two acoustic [RDCP-600](#) instruments that can measure currents in thin layers from the bottom to the surface were dropped at the bottom. These multiparameter instruments also measure Salinity, Temperature, Oxygen and Suspended Particles. The intention is to leave the instruments in the water for several months and collect hourly data.



RDCP mooring systems.

For more information and questions please [contact](#) Dr. Anders Tengberg, Scientific Advisor and Product Manager.

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