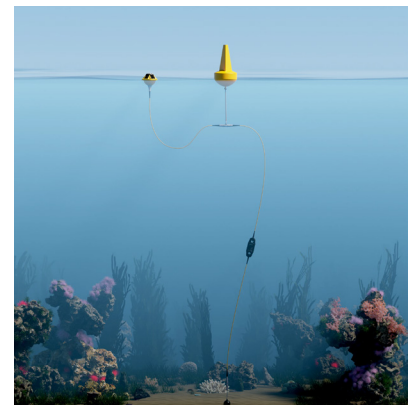
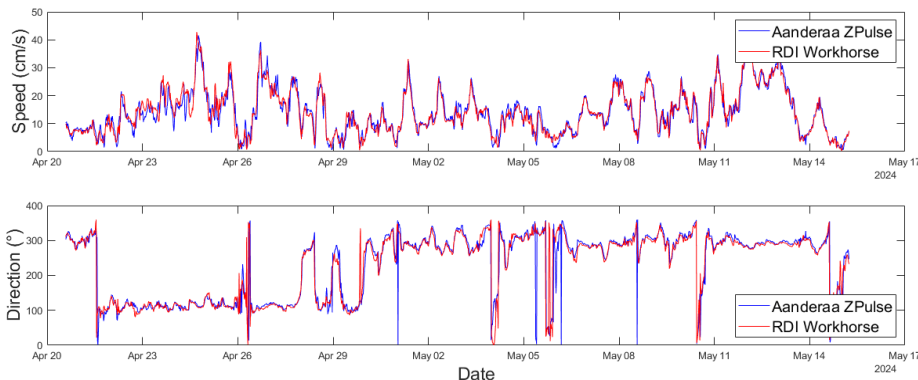


Real-Time Currents Made Easy

Aanderaa Doppler Current Sensor (DCS) Integration with Sofar Ocean Spotter Platform

NEWSFLASH

[Aanderaa's Doppler Current Sensor \(DCS\)](#) has been integrated with [Sofar Ocean's Spotter Platform](#), adding subsurface current measurement capabilities to this affordable, hand-deployable system that delivers wave, wind, sea surface temperature and atmospheric pressure data in real time. The value of this integrated system for real-time current measurements is underscored in a [report](#) that compares recorded measurements from a diver-deployed bottom-mounted Acoustic Doppler Current Profiler (ADCP) with the real-time data collected by a Spotter. The accuracy of the current measurements from the two devices at the targeted depths was indeed "spot on," as seen in the figure below.



The DCS moves around on Spotter's Smart Mooring while the ADCP is fixed at the bottom. As with all Aanderaa current sensors, [single point](#) or [profiling](#), the DCS automatically compensates every single acoustic ping for changes in tilt and heading. This explains the high quality of data regardless of whether the DCS is deployed on [moving surface platforms](#) or on [vibrating moorings](#). The DCS has successfully been used to measure [particle concentrations](#), [detect moving animals](#), and has proved its accuracy in multiple [tow tank tests](#).

Marine professionals can add up to two current sensors to their Spotter, which ships pre-built for easy deployment. Users can remotely access current measurements through Sofar's Spotter Dashboard and export it via an API, allowing for more synchronized and efficient ocean data collection. Industry experts praise this innovation for its ease of use, reliability, and value for operations, such as fish farming.