

# New products and product news

## Introducing the In-line ZPulse DCS Doppler Current Sensor 5800/5810/5800R/5810R for easy system integration

Building on the Filchner-Ronne Ice Shelf experience, the In-line Zpulse DCS was developed by Aanderaa. This versatile product is also well-suited for buoy applications, string solutions with the SeaGuard product line replacing and extending the successful 4100 DCS series.

The new In-line Zpulse DCS will simplify your sensor integration by offering a built-in multi-port sensor hub, allowing you to plug 'n play additional measurement parameters (add up to 6 sensors e.g. conductivity, pressure, temperature, oxygen...). The unit connects 'in-line' to a combined mooring and signal cable and can be connected to a continuation cable at the opposite end. It can hold a load of up to 1300kg. Available data output formats are AiCaP, RS232 and RS422.



## Introducing the DCPS Doppler Current Profiler Sensor 5400/5400R available as a stand-alone product.

Profiling from buoys and platforms is simplified with the Doppler Current Profiler Sensor 600kHz. It is the perfect solution for system integration when medium range current profile measurements are needed.

The sensor can be mounted facing up or down as desired: up-side down on a buoy, upward facing in bottom observatories, on landers or autonomous platforms. Its serial output is optimized for integration with the most common data loggers in the market.



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## SeaGuardII DCP also available with Dual Head

The SeaGuardII DCP Dual Head is a cost efficient solution combining two 600kHz profiler sensors on the same instrument, which doubles the range for high quality current measurement with up to 160m and gives half the horizontal beam separation. The instrument also has the ability to host multiple water quality sensors including Aanderaa smart sensors placed on the top plate or on a string above/below and third party sensors with analog and serial signal output.

## SeaGuard RCM news

### SeaGuard RCM Basic: an alternative to SeaGuard RCM

The SeaGuard RCM Basic series is identical to a SeaGuard RCM without internal LCD display for a more economical alternative. While the product retains the same quality and functionality the configuration and recorder start is done using a serial cable to a PC running the AADI Real-time collector software.

### Exchange / Trade-in campaign still going on

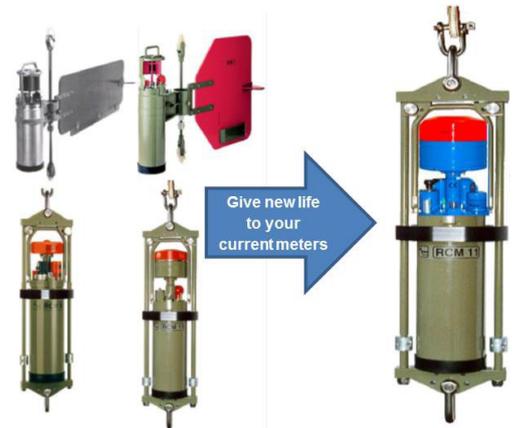
You have the opportunity to redesign your existing inventory of old Aanderaa RCM 4/5/7/8/9/11 by re-using existing mechanical parts (such as pressure case, top-end plate and frame) and implementing new electronics resulting in significant savings.

You also have the possibility to trade in your old RCM and receive a \$1,000 upgrade allowance towards the purchase price of a new Aanderaa SeaGuard RCM.

[More information](#)

### Clamping solution for mooring of the SeaGuard

The SeaGuard can be ordered with a clamping solution as an alternative to the standard in-line mooring frame. This solution has been designed by the National Oceanographic Centre, Southampton UK and can be used either with Kevlar rope or stainless steel wire.



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