

# Acoustic Doppler Current Meters from Aanderaa Data Instruments

*They have an excellent track record in fouling environment as well as in extremely low backscatter conditions.*

Examples of fouled instruments still returning 100% correct data



Carribean Sea off the coast of Puerto Rico

In the Gulf of Mexico

Norwegian West Coast Indian Ocean Coast

## Our SEAGUARD® has these advantages:

1. Down to 2 seconds recording interval
2. Real-Time XML Output (optional)
3. Z-Pulse™ multi-frequency technology reduces power consumption and improves quality
4. Large storage capacity on SD card
5. Use in sea or fresh water
6. Low current drain
7. SEAGUARD® Studio visualization software
8. Smart sensor topology based on a reliable CANbus interface (AiCaP)
9. Windows CE based datalogger with color touch panel for local configuration

## Optional Sensors:

10. Conductivity: range 0 to 7.5 S/m
11. Turbidity: ranges from 0 to 2500 NTU
12. Pressure: ranges from 0 to 6000 meters
13. Oxygen Optode: range 0 to 500µM
14. Temperature: ranges from -4 to 36°C
15. Analog input (0-5V), for third party sensors

## Quality control of Current Data:

16. Signal strength
17. Tilt compensation and angle registration of instrument 0-35°
18. Pitch, Roll and Heading information for mooring quality control