

AANDERAA NEWSFLASH

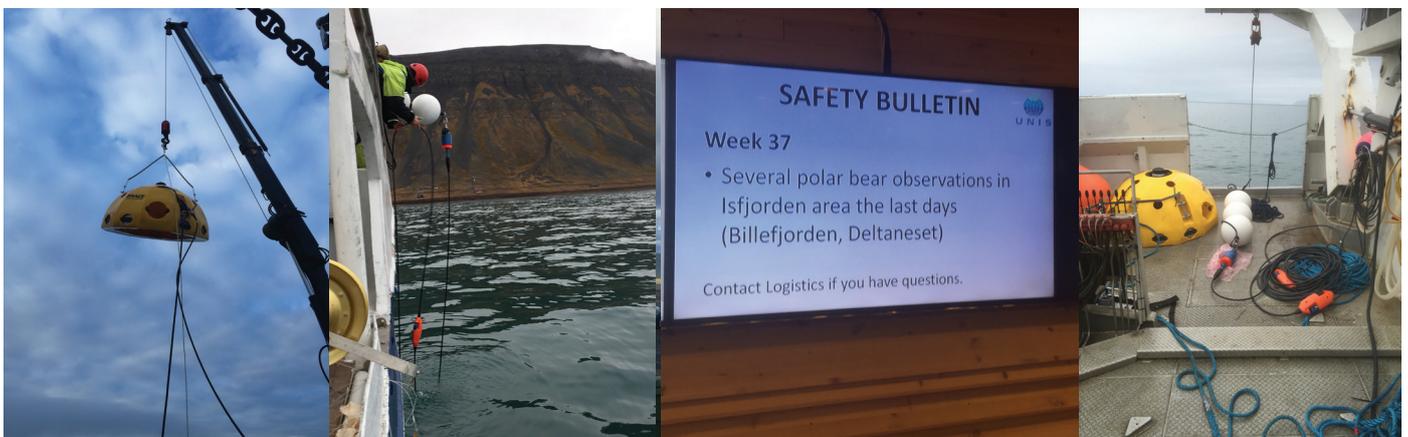
A team of Aanderaa at Svalbard – installing the ocean observatory in Isfjorden



A team from Aanderaa just returned from Svalbard, the Norwegian archipelago where polar bears outnumber humans. Berit Lunde Heltne and Arve Johansen were at Isfjorden to start the process of the installation of the Isfjorden measurement system. This is a partnership project between Aanderaa Data Instruments and the University Centre in Svalbard (UNIS) with the support of the Svalbard Environmental Protection Fund. The project will ensure the knowledge of climate change impact on the natural environment by establishing an ocean observatory in Isfjorden outside Bjoerndalen for monitoring ocean currents and inflow of warm Atlantic water in Isfjorden.

Their mission was to install the Isfjorden measurement system that will record salinity, oxygen, tide, conductivity etc. using the Aanderaa smart sensors technology, the SeaGuardII DCP and the In-line DCS sensor hub. Data will be transmitted via an underwater signal and power cable to an on-site building equipped with a GPRS communication unit on shore. There is also a plan to build a website to convey the data in real-time from the ocean observatory.

The project aims to develop a tool that can improve the dissemination of environmental conditions in Isfjorden, risk assessments on traffic on sea ice, and provide a better knowledge base for harvesting of fish stocks and biological and chemical data samples in Isfjorden. By looking at the temperature development through late autumn it will also be possible to provide information about sea ice for the next winter. The website and data from the ocean observatory will be used for the many projects UNIS have with kindergartens, schools and higher education and research institutions.



For more information and questions please [contact us](#).

Aanderaa Data Instruments AS
Sanddalsringen 5b, PB 103 Midtun
5843 Bergen, Norway
Tel +47 55 60 48 00
Fax +47 55 60 48 01
www.aanderaa.com

Aanderaa is a trademark of Xylem Inc. or one of its subsidiaries.
© 2016 Xylem, Inc. September 2016



a xylem brand