



**NEWSFLASH**

## Improved Marine Waters Monitoring - Bulgaria

### Buoy and seabed stations in Varna and Burgas Bay

The Institute of Oceanology "Fridtjof Nansen" has in March this year (2016) installed two Aanderaa real-time water monitoring stations in the Black Sea.

These systems will improve the monitoring capacity and expertise of the organizations responsible for marine waters monitoring in Bulgaria to meet the requirements of EU and national legislation. It is collecting real-time data to assess the current ecological status of marine waters and monitor progress of subsequent measures undertaken.

The systems were designed and made in Norway by Aanderaa Data Instruments and installed by our distributor in Bulgaria, Lomini. The system is monitoring the Black Sea environment by measuring temperature, conductivity, oxygen, chlorophyll, CDOM and turbidity on the seabed and surface.

A SeaGuardII Current Profiler placed on the seabed provides current speed and direction. The surface buoys also have meteorological sensors, a wave height sensor and are equipped with a radar reflector and a flashing light to be visible by ships.

The seabed station is powered by rechargeable batteries with a service interval of one year. Data is transferred to the surface buoy via an acoustic link. Aanderaa Real-Time Collector Software at the institute collects data via GPRS modems and real-time data will be available on the internet using Aanderaa GeoView.



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

Aanderaa Data Instruments AS  
Sanddalsringen 5b  
5843 Bergen, Norway

+47 55 60 48 00  
aanderaa.info@xylem.com  
Aanderaa.com

