

AANDERAA NEWSFLASH

MOTUS Wave Buoys Exceed Expectations: collecting valuable data all over the world

Since the launch in early 2017, the MOTUS Wave buoys have been very well received by the Marine Transport, Aquaculture and Oil & Gas industry, as well as the Research community.

We have already received orders from six continents for wave measurement buoys, and the MOTUS is providing its users valuable long-term directional wave data in fairways, coasts and harbours.

MOTUS is a cost effective sensor utilizing the latest technology in miniaturized sensors coupled with advanced embedded software. Some of the innovative key features are:

- A user configurable transfer function to compensate for the buoy frequency response and provide accurate data from different type of buoys
- Compensation for installation of the sensor outside the buoy / off center
- Optional external compass ensuring high directional accuracy even if the wave sensor is installed close to magnetic components

- Waterproof to 30 meters
- Data processed inside the sensor to indicate wave parameters and wave spectrum directly
- User configurable separation frequency between wind and swell waves

To meet the needs of our customers, we have incorporated the "Heave Timeseries" sampled at 4Hz. A number of time series derived parameters are calculated (H1/3, Hmax, Tz, and more) in addition to the existing frequency derived parameters.

The MOTUS wave sensor completes the Xylem ODAS solution - ocean currents, water quality and meteorological measurements - offering a cost effective solution to your application.

For more information, visit: www.aanderaa.com



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Tideland SB-138P navigational buoy



YSI EMM 2.0 buoy at test site outside Bergen

For more information and questions please [contact](#) Emilie Dorgeville, Product Manager.

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