

AANDERAA NEWSFLASH

Mission Completed:

Successful MOTUS Wave Buoy validation in open seas



In order to validate the performance of the Aanderaa MOTUS Wave sensor, measurements from two different medium size buoys equipped with MOTUS sensor were compared towards a Datawell reference sensor. To have the same wave field exposed on all buoys, an offshore location with flat bottom and no reflection from shore was selected.

The offshore condition along the Norwegian coast is extremely rough and exposed to numerous low pressure systems resulting in strong wind and wave field entering the North Sea area. Significant waves up to 11 meters with maximum waves of 18 meters have been recorded during the test period. A report with data analysis will soon be published.

Both MOTUS Wave Buoys have delivered accurate data throughout the whole period from February 2017 to September 2018.

In such harsh environment the requirements for the mooring system to withstand wear and tear are extreme.

This deployment has been the opportunity to test different mooring configurations in order to optimize the wave measurement accuracy vs. mooring robustness.

The missions for these buoys are now completed, and they will be relocated close to the shoreline of Karmøy at approximately 20 meters depth to evaluate the shallow water performance of the Aanderaa MOTUS Wave Buoys.



The MOTUS Wave Buoy completing its mission after 1 year and 8 months of collecting valuable data



The Tideland SB-138P on its way to next destination and new discoveries

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