The Aanderaa MOTUS Directional Wave Buoys measure record high waves during the extreme weather system Aina.

On December 7\textsuperscript{th} the storm Aina hit the West Coast of Norway with heavy winds of over 30m/s producing waves of 11 meter Significant Wave Height.

Two test buoys equipped with the newly developed Aanderaa MOTUS Directional Wave Sensor have been tested at Hywind Demo site in the North Sea off the coast of Karmøy since February.

The Tideland SB-138P and YSI EMM2.0 buoys were deployed as part of the MOTUS product launch. They provide valuable live data on Hydweb for navigation and research.

The MOTUS Directional Wave Sensor is a compact low power accelerometer based sensor designed to accurately measure multi-spectrum directional waves from standard hydrography and navigation buoys.

Utilizing modern signal processing and communication solution, the MOTUS buoys provide a comprehensive set of sea state data in real time, even the characterization of single extreme waves:

We are excited that the MOTUS Wave Buoys withstood the extreme weather system and thus gathered useful data that will help us in our commitment to develop reliable solutions to the research and marine industry.