

200th TRIAXYS Wave Buoy



AXYS Technologies (AXYS, Canada) has recently surpassed the construction of its 200th TRIAXYS Directional Wave Buoy. These buoys are deployed worldwide gathering wave data for renewable energy potential, research and impact studies, marine operations and general marine safety.

TRIAXYS was created by AXYS in conjunction with the National Research Council (NRC) of Canada in the late 1990s. It is a precision instrument incorporating advanced technologies that make it an easy to use, rugged, yet economical buoy for accurate measurement of directional waves. In 2006 the TRIAXYS was engineered to incorporate a current profiler in order to measure both waves and currents from a single device, thus avoiding the complexity associated with real-time data from bottom-mounted

instrumentation. The TRIAXYS was advanced again in 2010 to the TRIAXYS Next Wave, which uses the [WatchMan500 controller](#) that allows two-way communication, high-capacity data storage, dual primary telemetry, and continuous wave sampling.

The 200th TRIAXYS buoy was delivered to Scandinavian agent, EIVA, who will help a major renewable energy company measure wave energy potential off the coast of the UK and Denmark. The wave data will enable them to make accurate decisions about the placement of their energy converters in order to get the highest power yield.

<https://www.hydro-international.com/content/news/200th-triaxys-wave-buoy>
