

Buoys Assess Wave Energy Offshore Chile



AXYS Technologies (AXYS) has delivered two TRIAXYS Next Wave Directional Wave Buoys to Instituto Nacional de Hidráulica (INH) in Santiago, Chile. This institution is to measure offshore wave characteristics for the purpose of assessing wave energy potential at various sites along the coast of Chile using different calibrated numerical models capable of propagating offshore wave characteristics to near-shore.

The TRIAXYS buoys will measure full directional wave data, store the data on an internal data logger, and transmit the processed data in near real-time to shore using either the GPRS or VHF telemetry option. The data provided by TRIAXYS is critical in determining

whether or not the near-shore site is appropriate for a full scale wave energy facility.

An AXYS Field Service Specialist recently travelled to Santiago, spending five days at INH providing system training and coordinating the deployment of the first buoy off the coast of Valparaíso. The second TRIAXYS will be deployed off the coast of Lebu, about 550 kilometres south of Santiago in late July.