

Instruments and sensors connected to the Modular Ocean Instrumentation System DAS

Instrument Sensor	Measured Quantities	Operational State in MOIS	Present Data Quality
Teledyne TSS-DMS05	Horizontal acceleration Vertical acceleration Heave Roll Pitch	Normal and logging data for all quantities	Appears good
Hemisphere GPS	Position and heading	Normal and logging data	Appears good
Teledyne PSA 916	Depth	Turned OFF in MOIS	Many errors. Appears to have a blocked beam
Azura Float Angle	Angle of float to spar	Normal and logging data	Appears good
Azura Water Pressure	Depth at point on spar	Normal and logging data	Appears good
Azura Mooring Line Loads	Load at MK line Load at MC line Load at AB line (both end points of bridal AB)	MK load cell malfunction MC load cell malfunction AB-C and AB-K load cells normal and logging data	Malfunction Malfunction Appears good

Other deployed instrument, not connected to MOIS, on loan to NWEI

Instrument Sensor	Measured Quantities	Operational State	Data Quality
Nortek AWAC	Directional Wave Spectra Current Profile Pressure	Unknown, communication modems don't not have a link between them. External battery pack is installed so the AWAC should be running stand-alone	Unknown