



OCARINA : a new platform dedicated to measurements of Air-Sea fluxes

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OCARINA (Ocean Coupled with Atmosphere : Recherche Instrumentale sur Navire Annexe)

is a small moving platform deployed from a research vessel. Turbulent fluxes, radiation fluxes, and wave state can all be derived from the instruments embedded on OCARINA, which include a sonic anemometer, an inertial platform, a CT probe, and other sensors. OCARINA was recently deployed during the FROMVAR experiment in Mer d'Iroise. It was successfully operated in winds up to 12 m/s and waves up to 4 m. The platform and datasets will be presented. Turbulent fluxes estimated with OCARINA data will be compared to data collected on the host vessel.