



GEOSTAR deep seafloor magnetic observations in Tyrrhenian sea

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Three exploring geophysical missions were undertaken in the Tyrrhenian deep seafloor between 2000 and 2005 with GEOSTAR multiparameter benthic observatory station working continuously from around 5 to 12 months at the time. This presentation will describe the magnetic instruments characteristics, their calibration and installation inside the observatory, data reduction and analysis, together with some results. Finally we will interpret these results in terms of an independent estimation of the electromagnetic lithospheric depth.