



The tsunami detector prototype deployed in the Gulf of Cadiz: data collection and functionality evaluation

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A new tsunami detector prototype designed to operate in tsunami generation areas has been tested offshore SW Iberia, in the Gulf of Cadiz. The prototype, hosted on board of GEOSTAR has been deployed, at to 3200 meters depth, in August 2007 and recovered one year later by R/V Urania. After refurbishment and a partial upgrade, the tsunameter has been re-deployed in the same location on November 2009 by R/V Sarmiento de Gamboa. We report samples of the data collected by the pressure sensors and the critical analysis of the achievements and problems faced during these test periods.