

## **Contribution to the "ESTOC" station**

**O. Llinás, M.J. Rueda, R. Santana, C. Rodriguez-Benito, E. Delgado, J. Pérez-Marrero, A. Alamo, Pérez-Martell E., Hernández-Brito J., and González-Muñoz A.**

The intensification of the "in situ" measurements in the ocean is one of the significant goals in the international oceanographic investigation projects related with the environmental research (WOCE -World Ocean Circulation Experiment) and the JGOFS (Joint Global Ocean Flux Study programs).

The ESTOC station (European Station for Timeseries in the Ocean Canary islands) is located 60 nm north of the Canary Islands. Station work started at the beginning of 1994 and since then monthly cruises have been carried out. The measurements were made onboard of Spanish Research Vessel TALIARTE, although some cruises were carried on the German vessel F.S.POSEIDON and F.S.VICTOR HENSEN. The participants are members of the following institution: Instituto Canario de Ciencias Marinas, Instituto Español de Oceanografía, Institut für Meereskunde (Kiel University), University of Bremen and the University of Las Palmas de Gran Canaria.

The measured parameters by the groups from the Instituto Canario de Ciencias Marinas (ICCM) and the University of Las Palmas de Gran Canaria (ULPGC) are temperature, salinity, oxygen, phosphate, nitrate, silicate, chlorophyll, and some trace metals. Further parameters will be implemented in the future.