

## ***Interactive comment on “Development of a new expendable probe for the study of pelagic ecosystems from Voluntary Observing Ships” by M. Marcelli et al.***

**M. Marcelli et al.**

Received and published: 11 December 2006

All the answers to Referee #2 comments were inserted in the manuscript except for the last two points (double wire and rechargeable batteries) because the revisited text should clear the doubts on the argument.

A short paragraph relative to the pressure transducer was inserted in the sensor chapter (n.3). The sensor used for depth measurement is a Keller submersible pressure transducer: it was employed only for the first retrievable prototypes.

Page 1517: “Remote sensing of primary production...” was substituted with “The estimation of primary production in the euphotic zone based on remote sensing ..”.

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper

Page 1518: “mid-high latitudes” was substituted with “mid-low latitudes”.

Why a double wire? A double wire is needed, differently from the XBT, because the signal is digital.

Why rechargeable batteries? Rechargeable batteries were only employed for the first retrievable prototypes. In the launchable ones there are placed hermetic batteries suitable for providing energy required by the system for the foreseen functioning time (a maximum of 60 - 100 minutes with full charge batteries).

---

Interactive comment on Ocean Sci. Discuss., 3, 1515, 2006.

**OSD**

3, S730–S731, 2006

---

Interactive  
Comment

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper