

## Balise intelligente pour mesure scientifique



MORS ENVIRONNEMENT has developed for the University of Hawaii a new system, SI 4X1-3, for study of movement of tectonic plate. In a single unit are gathered an acoustic rangemeter, a data acquisition unit (for 8 external sensors), a long range telemetry, and a power pack for 6 to 10 years life. The surface unit is a standard 16 frequencies RM 201 "OCEANO INSTRUMENTS" rangemeter. The programming, the data transmission control, and the exploitation of the measures are done with a compatible IBM/AT. This system includes the know-how of SUBER and OCEANO INSTRUMENTS, and finds today a very large application field: Control and command of instrumented closing pigs; Seawater quality control without buoys and transmission up to 8 km; Corrosion control on platform and pipeline; Control and command of BOP, Christmas tree of other underwater system; High accuracy positioning for submersible (resolution of plus or minus 1 cm).

**Auteurs du document :** Guillerm, G

**Obtenir le document :** Actes de colloques. Ifremer. Brest [ACTES COLLOQ. IFREMER.]. 1991

**Mots clés :** Acoustic equipment, Marine technology, Plate tectonics

**Thème (issu du Text Mining) :** MESURES ET INSTRUMENTATION

**Date :** 1990-12

**Format :** text/xml

**Langue :** Inconnu

**Droits d'utilisation :** info:eu-repo/semantics/openAccess, restricted use

**Télécharger les documents :** <https://archimer.ifremer.fr/doc/1990/acte-1169.pdf>

<https://archimer.ifremer.fr/doc/00000/1169/>

**Permalien :** <https://www.documentation.eauetbiodiversite.fr/notice/balise-intelligente-pour-mesure-scientifique0>