

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 programmation, 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

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