



## WHOI Contributions to the Scientific Literature Monthly Activity Report

### Articles Received in May 1998

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#### **Catipovic, Josko.**

Acoustic communication and networking - state of the art and current applications.

In: *Proceedings of International Workshop on Scientific Use of Submarine Cables. February 25-28, 1997, Okinawa Convention Center, Okinawa, Japan, 221-226, 1997.*

Department of WHOI Author: AOPE.

Contribution Number: **NONE**

#### **Chapman, David C.**

Setting the scales of the ocean response to isolated convection.

*J. Phys. Oceanogr.*, **28**(4):606-620, 1998.

Department of WHOI Author: PO.

Contribution Number: **9408**

#### **Chave, A. D., R. Butler, R. A. Petit, Jr., D. R. Yoerger, F. B. Wooding, A. D. Bowen, L. E. Freitag, J. Catipovic, F. Duennebier, D. Harris, A. H. Dodeman, and S. T. Brewer.**

H2O: The Hawaii-2 observatory.

In: *Proceedings of International Workshop on Scientific Use of Submarine Cables. Feb. 25-28, 1997. Okinawa Convention Center, Okinawa, Japan, :114-117, 1997.*

Department of WHOI Author: GEOL., AOPE.

Contribution Number: **NONE**

#### **Chave, A. D., R. A. Petit, Jr., J. A. Hildebrand, F. N. Spiess, and A. W. Green, Jr.**

Toward a permanent seafloor geomagnetic observatory. In: *Proceedings of International Workshop on Scientific Use of Submarine Cables. Feb. 25-28, 1997. Okinawa Convention Center, Okinawa, Japan, :56-61, 1997.*

Department of WHOI Author: GEOL.

Contribution Number: **NONE**

**Huang, Rui Xin.**

Mixing and available potential energy in a Boussinesq ocean.

*J.Phys.Oceanogr.*, **28**(4):669-678, 1998.

Department of WHOI Author: PO.

Contribution Number: **9135**

**Korenaga, J.**

Natural gas hydrates on the southeast U.S. margin: Constraints from full waveform and travel time inversions of wide-angle seismic data.

*J.Geophys.Res.*, **102**(B7):15345-15365, 1997.

Department of WHOI Author: GEOL.

Contribution Number: **9452**

**Kurz, M. D., A. P. le Roex and H. J. B. Dick.**

Isotope geochemistry of the oceanic mantle near the Bouvet triple junction.

*Geochim.Cosmochim.Acta*, **662**(5):841-852, 1998.

Department of WHOI Author: MCG.

Contribution Number: **9582**

**McManus, Jerry F.**

Radiometrically determined sedimentary fluxes in the sub-polar North Atlantic during the last 140,000 years. *Earth Planet.Sci.Lett.*, **155**:29-43, 1998.

Department of WHOI Author: GEOL.

Contribution Number: **NONE**

**Petit, R. A., Jr., L. L. Freitag, K. E. Prada, J. W. Bailey, D. Harris, and A. D. Chave.**

Junction box electronics for the Hawaii-2 observatory.

In: *Proceedings of International Workshop on Scientific Use of Submarine Cables.*

*February 25-28, 1997, Okinawa Convention Center, Okinawa, Japan, :181-184, 1997.*

Department of WHOI Author: AOPE., GEOL.

Contribution Number: **NONE**

**Samelson, R. M.**

Large-scale circulation with locally enhanced vertical mixing.

*J.Phys.Oceanogr.*, **28**:712-726, 1998.

Department of WHOI Author: PO.

Contribution Number: **9366**

**Stephen, R. A., J. H. Natland, R. Butler, K. Becker, A. D. Chave, F. K. Duennebieer, and C. R. Bradley.**

Deep sea drilling at the H2O observatory site.

In: *Proceedings of International Workshop on Scientific Use of Submarine Cables. Feb. 25-28, 1997. Okinawa Convention Center, Okinawa, Japan, :147-152, 1997.*

Department of WHOI Author: GEOL.

Contribution Number: **NONE**

**White, S. N.**

A look at galvanic distortion in the Tasman Sea and the Juan de Fuca plate.

*J.Geomag.Geolectr.*, **49**:1373-1386, 1997.

Department of WHOI Author: GEOL.

Contribution Number: **9364**

**Wooding, F. B., A. D. Bowen, D. R. Yoeger, A. D. Chave, and A. H. Dodeman.**

Mechanical design and deployment of the Hawaii-2 observatory. In: *Proceedings of International Workshop on Scientific Use of Submarine Cables. Feb. 25-28, 1997. Okinawa Convention Center, Okinawa, Japan, :172-174, 1997.*

Department of WHOI Author: GEOL., AOPE.

Contribution Number: **NONE**

**Zhang, Jubao.**

Sensitivity of GFDL modular ocean model to the parameterization of double-diffusive processes. *J.Phys.Oceanogr.*, **28**(4):589-605, 1998.

Department of WHOI Author: PO.

Contribution Number: **9239**

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