



WHOI Contributions to the Scientific Literature Monthly Activity Report

Articles in Preparation – August 2001

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**Chu, Dezhang, Kenneth C. Baldwin, Kenneth G. Foote, Yanchao Li,
Larry A. Mayer, and Gary D. Melvin.**

Multibeam sonar calibration: Removal of static surface.

Oceans '01, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **10512**

**Chu, Dezhang, Kenneth C. Baldwin, Kenneth G. Foote, Yanchao Li, Larry A.
Mayer, Gary D. Melvin.**

Multibeam sonar calibration: Target localization in azimuth.

Oceans '01, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **10511**

**Clift, Peter D., Estelle F. Rose, Nobumichi Shimizu, Graham D. Layne,
Amy E. Draut, and Marcel Regelous.**

Tracing the evolving flux from the subducting plate in the Tonga-Kermadec arc system using boron in volcanic glass. *Geochim.Cosmochim.Acta*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **10502**

Duda, Timothy F. and Chris R. Rehmann.

Systematic microstructure variability in double-diffusivity stable coastal waters of nonuniform density gradient. *J.Geophys.Res.*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **10515**

Evans, Rob L.

Measuring the shallow porosity structure of sediments on the continental shelf: A comparison of an electromagnetic approach with cores and acoustic backscatter.

J.Geophys.Res., IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **10518**

Foote, Kenneth G.

Calibrating a narrowband 18-kHz sonar. *Oceans '01*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **10514**

Foote, Kenneth G.

Standard-target calibration of broadband sonars: Theory.

J.Acoust.Soc.Am., IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **10506**

Freed, Andrew M. and Jian Lin.

Accelerated buildup of stresses on the San Bernardino Mountain segment of the Southern San Andreas Fault. *Science*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **10157**

Grosenbaugh, Mark and Chung-Chu Teng.

Dynamic analysis of NDBC shallow-water test mooring. *Oceans '01*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **10500**

Hahn, Mark E.

Evolutionary and physiological perspectives on Ah receptor function and dioxin toxicity. In: *Dioxins: Toxicology, Mechanisms and Health Implications*.

A. Schechter and T. A. Gasiewicz, eds., IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **10516**

McGillicuddy, Dennis J., Jr.

The internal weather of the sea and its influences on ocean biochemistry.

Oceanography, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **10503**

Morrison, Archie T., III, John M. Toole, Roger Lukas, Scott E. WorriLOW, and Kenneth W. Doherty.

Results from the first successful field deployment of the McLane Moored Profiler. *Oceans '01*, IN PRESS.

Department of WHOI Author: AOPE. PO.

Contribution Number: **10504**

Powell, Wade H. and Mark E. Hahn.

Identification and functional characterization of hypoxia-inducible factor 2 α from the marine teleost, *Fundulus heteroclitus*: Interaction of HIF-2 α with two ARNT2 splice variants. *J.Exper.Zool.*, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **10499**

Stokey, Roger, Tom Austin, Ben Allen, Ned Forrester, Eric Gifford, Rob Goldsborough, Greg Packard, Mike Purcell, and Chris von Alt.

Very shallow water mine countermeasures using the REMUS AUV: A practical approach yielding accurate results. *Oceans '01*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **10513**

Williams, Albert J., 3rd.

Acoustic current meter zero offset drift. *Oceans '01*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **10508**

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