



## WHOI Contributions to the Scientific Literature Monthly Activity Report

### Articles in Preparation - December 1998

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**Brink, K. H.**

Island-trapped waves, with application to observations off Bermuda.  
*Dyn.Atmos.Oceans*, IN PRESS.  
Department of WHOI Author: PO.  
Contribution Number: **9857**

**Burns, Sean P., Djamel Khelif, Carl A. Friehe, Alastair G. Williams, Phil Hignett, Alan L. M. Grant, Jorg M. Hacker, David P. Rogers, E. Frank Bradley, Robert A. Weller, Meghan F. Cronin, Steven P. Anderson, Chris W. Fairall, and Clayton A. Paulson.**

Comparisons of aircraft, ship, and buoy meteorological measurements from TOGA COARE. *J.Geophys.Res.*, IN PRESS.  
Department of WHOI Author: PO.  
Contribution Number: **9836**

**Churchill, James H.**

On the accuracy of velocities determined from GPS-derived drifter positions.  
*Deep-Sea Res.*, IN PRESS.  
Department of WHOI Author: PO.  
Contribution Number: **9835**

**Clift, Peter D. and Christopher J. MacLeod.**

Slow rates of subduction erosion estimated from subsidence and tilting of the Tonga forearc. *Geology*, IN PRESS.  
Department of WHOI Author: GEOL.  
Contribution Number: **9838**

**Croot, Peter L., James W. Moffett, and Larry Brand.**

Production of extracellular Cu complexing ligands by eucaroytic phytoplankton in response to Cu stress. *Limnol.Oceanogr.*, IN PRESS.

Department of WHOI Author: MCG.

Contribution Number: **9844**

**Croot, Peter L., James W. Moffett, and George W. Luther, III.**

Polarographic determination of half-wave potentials for copper-organic complexes in seawater. *Mar.Chem.*, IN PRESS.

Department of WHOI Author: MCG.

Contribution Number: **9843**

**Garzoli, Siliva L., Philip L. Richardson, Christopher M. Duncombe Rae.**

**David M. Fratantoni, Gustavo J. Goni, and Andreas J. Roubicek.**

Three Agulhas rings observed during the Benguela Current experiment. *J.Geophys.Res.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **9837**

**Hemleben, C., R. K. Olsson, W. A. Berggren, B. Huber, and R. D. Norris.**

Atlas of Paleocene planktonic foraminifera. *Paleobiology*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **NONE**

**Minor, Elizabeth C., Timothy I. Eglinton, and Jaap J. Boon.**

Direct temperature-resolved mass spectrometry as a quantitative technique.

*J.Anal.Appl.Pyrolysis*, IN PRESS.

Department of WHOI Author: MCG.

Contribution Number: **9845**

**Morrison, Archie T., III, Edwin A. Cowen, and Philip L.-F. Liu.**

Velocity profile measurements in the crest of a breaking wave using the BAS rake acoustic velocity sensor.

*6th IEEE Current Measurement Technology Conference*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **9856**

**Orr, Marshall H., Loren R. Haury, Peter H. Wiebe, and Melbourne G. Briscoe.**

Backscatter or high frequency (200 KhZ) acoustic wavefields from ocean turbulence. *J.Acoust.Soc.Am.*, IN PRESS.

Department of WHOI Author: AOPE

Contribution Number: **9853**

**Sigman, Daniel M., Mark A. Altabet, Roger Francois, Daniel C. McCorkle, and Jean-Francois Gaillard.**

The isotopic composition of diatom-bound nitrogen in Southern Ocean sediments. *Paleoceanography*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **9854**

**Solow, Andrew R., Christopher Costello, and Andrew Beet.**

On an early result on stability and complexity. *Am.Nat.*, IN PRESS.

Department of WHOI Author: MPC.

Contribution Number: **9840**

**Solow, Andrew R.**

Yet another test for density dependence. *Oecologia*, IN PRESS.

Department of WHOI Author: MPC.

Contribution Number: **9839**

**Spall, Michael A. and David C. Chapman.**

On the efficiency of baroclinic eddy heat transport across narrow fronts.

*J.Phys.Oceanogr.*, 28:2275-2287, 1998.

Department of WHOI Author: PO.

Contribution Number: **9485**

**Stanev, E. V., K. O. Buesseler, J. V. Staneva, and H. D. Livingston.**

A comparison of modelled and measured Chernobyl 90Sr distribution in the Black Sea. *J.Environ.Radioact.*, IN PRESS.

Department of WHOI Author: MCG.

Contribution Number: **9814**

**Uchupi, Elazar, S. A. Swift, and D. A. Ross.**

Late Quaternary stratigraphy, paleoclimate and neotectonism of the Persian (Arabian) Gulf region. *Mar.Geol.*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **9851**

**Wetzel, Suzanne W., James B. Edson, Carl A. Friehe, Tihomir S. Hristov, and Scott D. Miller.**

Wave-induced momentum flux over open ocean waves.

*J.Phys.Oceanogr.*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **9841**

**Williams, Albert J., III.**

Benthic “weather” current meter array. *6th IEEE Current Measurement Technology Conference*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **9855**

**Williams, William J., Robert C. Beardsley, James D. Irish, Peter C. Smith, and Richard Limeburner.**

The response of Georges Bank to the passage of Hurricane Edouard.

*Deep-Sea Res.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **9858**

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