



WHOI Contributions to the Scientific Literature Monthly Activity Report

Articles in Preparation – April 2003

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Beardsley, Robert C., Richard Limeburner, and W. Brechner Owens

Drifter measurements of surface currents near Marguerite Bay on the West Antarctic Peninsula shelf during austral summer and fall. *Deep-Sea Res. II*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **10903**

Buynevich, I. V.

Subsurface evidence of a pre-1846 breach across Menauhant Barrier, Cape Cod, Massachusetts. *Shore Beach*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **10912**

Dhillon, Ashita, Andreas Teske, Jesse Dillon, David A. Stahl, and Mitchell L. Sogin

Molecular characterization of sulfate reducing bacteria in the Guaymas Basin.

Appl. Environ. Microbiol., IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **10905**

Edwards, K. J., T. M. McCollom, H. Konishi, and P. R. Buseck

Seafloor bio-alteration of sulfide minerals: Results from in-situ incubation studies.

Geochim. Cosmochim. Acta, IN PRESS.

Department of WHOI Author: MCG.

Contribution Number: **10902**

Escartin, J., D. Smith, and M. Cannat

Parallel bands of seismicity at the Mid-Atlantic Ridge, 12-14°N. *Geophys. Res. Lett.*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **10919**

Johnson, Carl G., Glenn S. Fryxinger, Robert K. Nelson, Richard B. Gaines, Naohiko Ohkouchi, Christopher M. Reddy, and Timothy I. Eglinton

Innovative methods for determining alkenone unsaturation indices. *J.Mar.Chem.*, IN PRESS.
Department of WHOI Author: MCG.
Contribution Number: **10901**

Lentz, Steve

A climatology of salty intrusions over the continental shelf from Georges Bank to Cape Hatteras. *J.Geophys.Res.*, IN PRESS.
Department of WHOI Author: PO.
Contribution Number: **10904**

Pickart, Robert S.

Shelfbreak circulation in the Alaskan Beaufort Sea: Mean structure and variability. *J.Geophys.Res.*, IN PRESS.
Department of WHOI Author: PO.
Contribution Number: **10910**

Pike, S. M., K. O. Buesseler, J. Andrews, and N. Savoye

Quantification of ^{234}Th recovery in small volume sea water samples by inductively coupled plasma mass spectrometry. *J.Radioanal.Nucl.Chem.*, IN PRESS.
Department of WHOI Author: MCG.
Contribution Number: **10899**

Plueddemann, Albert J., Steven J. Lentz, and Eugene A. Terray

Comparison of five current meters in a tidally dominated flow. *IEEE J.Oceanic.Eng.*, IN PRESS.
Department of WHOI Author: PO. AOPE.
Contribution Number: **10913**

Roger, Daniel R., Cara M. Santelli, and Katrina J. Edwards

Geomicrobiology of deep-sea deposits: Estimating community diversity from low-temperature seafloor rocks and minerals. *Geobiol.J.*, IN PRESS.
Department of WHOI Author: MCG.
Contribution Number: **10906**

Slater, D. R., P. L. Richardson, A. S. Bower, and H. T. Rossby

Discrete eddies in the northern North Atlantic as observed by looping RAFOS floats. *Deep-Sea Res.I*, IN PRESS.
Department of WHOI Author: PO.
Contribution Number: **10907**

Tynan, Cynthia T.

Cetacean populations on the southeastern Bering Sea shelf during the late 1990s: Implications for decadal changes in ecosystem structure and carbon flow. *Mar.Ecol.Prog.Ser.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **10909**

Whitehead, J. A.

Constant potential vorticity hydraulically controlled flow - complexities from passage shape.

J.Phys.Oceanogr., IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **10900**

Compiled by: Ann Devenish
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