



## WHOI Contributions to the Scientific Literature Monthly Activity Report

### Articles in Preparation – April 2004

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**Churchill, James H., and Neal R. Pettigrew**

Structure and variability of the Western Maine Coast Current. *Deep-Sea Res.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **11134**

**Coco, Giovanni, and Steve Elgar**

Roles of tides in beach cusps. *J.Geophys.Res.*, IN PRESS.

Department of WHOI Author: AOPE.

**Gaetani, Glenn A.**

The influence of melt structure on trace element partitioning near the peridotite solidus.

*Contrib.Mineral.Petrol.*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **11153**

**Irish, James D., David W. Fredriksson, and Stanley Boduch**

Environmental monitoring buoy and mooring with telemetry. *Sea Tech.*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **11137**

**Lavery, A. C., M. C. Benfield, P. H. Wiebe, and T. K. Stanton**

High-frequency acoustic volume backscatter in the upper water column: Imaging zooplankton and oceanic microstructure. In: *Proceedings of 7th European Conference on Underwater Acoustics ECUA 2004, 5-8 July, 2004, Delft, Netherlands*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **11140**

**Lentz, Steve**

The response of buoyant coastal plumes to upwelling-favorable winds. *J.Phys.Oceanogr.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **11144**

**Louden, Keith E., Brian E. Tucholke, and Gordon N. Oakey**

Regional variations of sediment thickness, basement depth and crustal thickness during formation of the North Atlantic Ocean. *Earth Planet.Sci.Lett.*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **11154**

**McGillicuddy, D. J., Jr., D. M. Anderson, D R. Lynch, and D. W. Townsend**

Mechanisms regulating the large-scale seasonal fluctuations in *Alexandrium fundyense* populations in the Gulf of Maine. *Deep-Sea Res.II*, IN PRESS.

Department of WHOI Author: AOPE. BIO.

Contribution Number: **11150**

**Shearman, R. Kipp**

Observations of near-inertial current variability on the New England Shelf. *J.Geophys.Res.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **11143**

**Tynan, Cynthia T.**

Killer whale *Orcinus orca* abundance and distribution on the southeastern Bering Sea shelf and slope during the late 1990s: Trophic implications for an apex predator. *Fish.Oceanogr.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **11145**

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