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## **WHOI Contributions to the Scientific Literature Monthly Activity Report**

### **Articles in Preparation – May 2005**

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#### **Araki, E., M. Shinohara, T. Kanazawa, K. Suyehiro, and R. A. Stephen**

T-phase dynamics in the western Pacific. In: *Proceedings of the International Conference on Underwater Acoustic Measurements: Technologies and Results, 28 June - 1 July 2005, Heraklion, Greece*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **11360**

#### **Bonfils, Celine, Alon Angert, Cara C. Henning, Sebastien Biraud, Scott C. Doney, and Inez Fung**

Extending the record of photosynthetic activity in the eastern United States into the pre-satellite period using surface diurnal temperature range. *Geophys.Res.Lett.*, IN PRESS.

Department of WHOI Author: MCG.

Contribution Number: **11336**

#### **Farrar, J. Tom, and Robert A. Weller**

Intraseasonal variability near 10°N in the eastern tropical Pacific Ocean. *J.Geophys.Res.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **11366**

#### **Fedderson, Falk, and A. J. Williams, III**

Direct estimation of vertical Reynolds stresses in the nearshore. *J.Atmos.Ocean.Technol.*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **11364**

**Foote, Kenneth G., Roger T. Hanlon, Pat J. Iampietro, and Rikk G. Kvitek**

Acoustic detection and quantification of benthic egg beds of the squid *Loligo opalescens* in Monterey Bay, California. *J.Acoust.Soc.Am.*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **11372**

**Fratantoni, Paula S., and Robert S. Pickart**

Structure and alongstream evolution of the shelfbreak jet in the western North Atlantic.

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

Department of WHOI Author: PO.

Contribution Number: **11367**

**Fratantoni, Paula S., and Robert S. Pickart**

The western North Atlantic shelfbreak current system in summer. *J.Phys.Oceanogr.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **11369**

**Lau, K. W. Helen, Keith E. Loudon, Thomas Funck, Brian E. Tucholke, W. Steven Holbrook, John R. Hopper, and Hans Christian Larsen**

Crustal structure across the Grand Banks-Newfoundland Basin continental margin (Part I)- Results from a seismic refraction profile. *Geophys.J.Int.*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **11378**

**Lau, K. W. Helen, Keith E. Loudon, Sharon Deemer, Jeremy Hall, John R. Hopper, Brian E. Tucholke, W. Steven Holbrook, and Hans Christian Larsen**

Crustal structure across the Grand Banks-Newfoundland Basin continental margin (Part II)- Results from a seismic reflection profile. *Geophys.J.Int.*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **11377**

**McCartney, Michael S., and Kathleen A. Donohue**

A deep cyclonic gyre in the Australian - Antarctic Basin. *Prog.Oceanogr.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **11368**

**Sloyan, B. M., and T. J. McDougall**

Antarctic bottom and lower circumpolar deep water circulation in the eastern Indian Ocean.  
*J.Geophys.Res.*, IN PRESS.  
Department of WHOI Author: PO.  
Contribution Number: **11374**

**Tucholke, Brian E., Dale S. Sawyer, and Jean-Claude Sibuet**

Breakup of the Newfoundland-Iberia rift. In: *MARGINS Theoretical and Experimental Earth Science Series*. G. Karner, G. Manatschal, and L. Pinheiro, eds, IN PRESS.  
Department of WHOI Author: GEOL.  
Contribution Number: **11371**

**Tucholke, Brian E., and Robert B. Whitmarsh**

The Newfoundland-Iberia conjugate rifted margins. In: *Principles of Phanerozoic Regional Geology*. A. W. Bally and D. G. Roberts, eds., IN PRESS.  
Department of WHOI Author: GEOL.  
Contribution Number: **11375**

**Yang, Jiayan**

The Arctic and sub-Arctic Ocean flux of potential vorticity and the Arctic Ocean circulation.  
*J.Phys.Oceanogr.*, IN PRESS.  
Department of WHOI Author: PO.  
Contribution Number: **11373**

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