



WHOI Contributions to the Scientific Literature Monthly Activity Report

Articles in Preparation - June 1999

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Anderson, Erik J., Wade R. McGillis, and Mark A. Grosenbaugh.

Live fish boundary layer flow yields definitive information on the hydrodynamics of swimming. *Nature*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **9963**

Blake, James A. and Pamela L. Arnofsky.

Reproduction and larval development of the spioniform Polychaeta with application to systematics and phylogeny. *Hydrobiologia*, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **9930**

Clift, P. D., P. J. Degnan, R. Hannigan, and J. Blusztajn.

Sedimentary and geochemical evolution of the Dras Fore-Arc Basin, Indus Suture, Ladakh Himalaya, India. *Geol.Soc.Am.Bull.*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **9950**

Gawarkiewicz, Glen, Frank Bahr, Robert C. Beardsley, and Kenneth H. Brink.

Interaction of a slope eddy with the shelfbreak front in the Middle Atlantic Bight. *J.Phys.Oceanogr.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **9940**

Hayes, John M., Harald Strauss, and Alan J. Kaufman.

The abundance of ^{13}C in marine organic matter and isotopic fractionation in the global biogeochemical cycle of carbon during the past 800 Ma.

Chem.Geol., IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **9947**

Hoagland, Porter, Di Jin, Eric Lundberg, and Scott Steinbach.

Economic activity associated with the northeast shelf large marine ecosystem:
Application of an input-output approach. *Mar.Policy*, IN PRESS.
Department of WHOI Author: MPC.
Contribution Number: **9936**

Irish, J. D., R. C. Beardsley, W. W. Williams, and K. H. Brink.

Long-term moored observations on Georges Bank as part of the U. S. GLOBEC
Northwest Atlantic/Georges Bank program. *Oceans '99*, IN PRESS.
Department of WHOI Author: AOPE., P.O.
Contribution Number: **9957**

LaCasce, J. H.

Floats and f/H.
J.Mar.Res., IN PRESS.
Department of WHOI Author: PO.
Contribution Number: **9945**

Lentz, Steven J. and John Trowbridge.

Fall and winter mean current profiles over the Northern California Shelf.
J.Geophys.Res., IN PRESS.
Department of WHOI Author: PO.
Contribution Number: **9942**

McKenna, S. P. and W. R. McGillis.

Fundamental performance of particle image and particle tracking velocimetry
techniques. *Exp.Fluids*, IN PRESS.
Department of WHOI Author: AOPE.
Contribution Number: **9962**

Morrison, Archie T., III and Albert J. Williams, 3rd.

Location and recovery of lost instruments using acoustic targets.
Oceans '99, IN PRESS.
Department of WHOI Author: AOPE.
Contribution Number: **9949**

Norris, R. D. and P. A. Wilson.

Low-latitude sea-surface temperatures for the mid-Cretaceous and the evolution of
planktic foraminifera: Reply. *Geology*, IN PRESS.
Department of WHOI Author: GEOL.
Contribution Number: **NONE**

Paul, Walter, Jim Irish, Mark Grosenbaugh, and Jason Gobat.

Coastal mooring design: Taut elastomeric and chain catenary surface buoy moorings. *Oceans '99*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **9958**

Robbins, Paul, James Price, W. Brechner Owens, and William Jenkins.

On the importance of lateral diffusion for the ventilation of the lower thermocline in the subtropical North Atlantic. *J.Phys.Oceanogr.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **NONE**

Rosenthal, Y., G. P. Lohmann, K. C. Lohmann, and R. M. Sherrell.

Incorporation and preservation of Mg in *Gs. sacculifer*: Implications for reconstructing the temperature and oxygen isotopic composition of seawater.

Paleoceanography, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **9943**

Traykovski, Peter, James D. Irish, and James F. Lynch.

Acoustic observations of a fluid mud layer transporting sediment on the Northern California shelf. *Oceans '99*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **9956**

Williams, Albert J., 3rd and Caleb Beckford.

Reynolds stress resolution from a modular acoustic velocity sensor.

IEEE Oceans '99 Conference, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **9951**

Williams, William J., Glen G. Gawarkiewicz, and Robert C. Beardsley.

The adjustment of a shelfbreak jet to cross-shelf topography.

Deep-Sea Res.II, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **9941**

Compiled by: Maureen Carragher
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