WHOI Contributions to the Scientific Literature
Monthly Activity Report

Articles in Preparation - June 1999
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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.
Department of WHOI Author: GEOL.
Contribution Number: 9950

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
Economic activity associated with the northeast shelf large marine ecosystem:
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

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

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

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

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