



WHOI Contributions to the Scientific Literature Monthly Activity Report

Articles in Preparation - December 1997

MBL/WHOI Library
Woods Hole, MA 02543

**Brink, K.H., G.G. Gawarkiewicz, G.K. Korotaev, V.K. Kosnyrev,
E. N. Mikhailova, and S.V. Stanichniy.**

Upwelling and eddy development along the Crimean Coast: Observations and numerical model results. *Cont.Shelf Res.*, IN PRESS.

Contracts: NASA Contract NAGW-4709.

Contribution Number: **9630**

Clift, P.D., A. Carter, and A.J. Hurford, A. J.

The erosional and uplift history of Northeast Atlantic passive margins; constraints on a passing plume. *J.Geol.Soc. (London)*, IN PRESS.

Contracts: Texas A&M TSK#F000243 and F000248.

Department of WHOI Author: GEOL.

Contribution Number: **9617**

Clift, P.D. and John E. Dixon.

Jurassic ridge collapse, subduction initiation and ophiolite obduction in the southern Greek tethys. *Eclogae Geol.Helv.*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **9618**

Clift, Peter D.

The thermal impact of Paleocene magmatic underplating in the Faeroe-Shetland-Rockall region. IN: *Proceedings of the 5th Conference: Petroleum Geology of Northwest Europe*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **9610**

Dickey, T., J. Marra, D.E. Sigurdson, R.A. Weller, C.S. Kinkade, S.E. Zedler, J. D. Wiggert, and C. Langdon.

Seasonal variability of bio-optical and physical properties in the Arabian Sea: October 1994 - October 1995. *Deep-Sea Res.*, IN PRESS.

Contracts: N00014-94-1-0161.

Department of WHOI Author: PO.

Contribution Number: **9613**

Francois, R., M.A. Altabet, E-F. Yu, D. M. Sigman, M.P. Bacon, M. Frank, G. Bohrmann, G. Bareille, L.D. Labeyrie.

Contribution of Southern Ocean surface-water stratification to low atmospheric CO₂ concentrations during the last glacial period. *Nature*, **389**:939-935.

Contracts: OCE92-00780, OCE95-03772, OCE95-31761.

Department of WHOI Author: MCG.

Contribution Number: **9622**

Goni, M.A., K.C. Ruttenberg, and T.I. Eglinton.

Sources and contribution of terrigenous organic carbon to surface sediments in the Gulf of Mexico. *Nature*, **389**:275-278.

Contracts: OCE-9216553, EAR-9406585.

Department of WHOI Author: MCG.

Contribution Number: **9623**

Huang, Rui Xin.

Balance of potential energy in a Boussinesq ocean and in a compressible ocean. *J.Phys.Oceanogr.*, IN PRESS.

Contracts: OCE96-16950.

Contribution Number: **9631**

McGehee, Duncan E., Richard L. O'Driscoll, and Linda V. Martin Traykovski.

Effects of orientation on acoustic scattering from Antarctic Krill at 120kHz. *Deep-Sea Res.*, IN PRESS.

Contracts: ONR N00014-95-1-0287.

Contribution Number: **9628**

Oppo, Delia W., Jerry F. McManus, James L. Cullen.

Abrupt climate events 500,000-340,000 years ago: Evidence from subpolar North Atlantic sediments. *Science*, IN PRESS.

Contracts: OCE96-32372.

Department of WHOI Author: GEOL.

Contribution Number: **9611**

Pearson, Ann, Ann P. McNichol, Robert J. Schneider, and Karl F. Von Reden.

Microscale AMS ¹⁴C measurement at NOSAMS. IN: *Proceedings of the 16th International ¹⁴C Conference*, IN PRESS.

Contracts: OCE93-01015.
Department of WHOI Author: GEOL.
Contribution Number: **9612**

Perez, Catalina Castell, Suzanne Roy, Maurice Levasseur, and Donald M. Anderson.

Control of germination of *Alexandrium Tamarense* cysts from the lower St. Lawrence estuary (Canada). *J.Phycol.*, IN PRESS.
Department of WHOI Author: BIO.
Contribution Number: **9603**

Pringle, James M.

Observations of high frequency internal waves in the CODE Region. *J.Geophys.Res.*, IN PRESS.
Contracts: N00014-95-1-0746.
Contribution Number: **9629**

Rogerson, A.M.

Transcritical flows in the coastal marine atmospheric boundary layer. *J.Atmos.Sci.*, IN PRESS.
Contracts: N00014-93-1-1369.
Department of WHOI Author: PO.
Contribution Number: **9608**

Samelson, R. M.

The vertical structure of linear coastal-trapped disturbances. *Mon. Weather Rev.*, IN PRESS.
Contracts: N00014-93-1-1369.
Department of WHOI Author: PO.
Contribution Number: **9619**

Schlezing, J., C. Parker, D. Zeldin, and J. Stegeman.

Arachidonic acid metabolism in the marine fish *Stenotomus chrysops* (scup) and the effects of cytochrome P4501A inducers. *Arch.Biochem.Biophys.*, IN PRESS.
Contracts: NIH P42-07381, EPA R823889, AFOSR (Air Force) F40620-94-1039, Rinehart Coastal Research Center, Mellon Award.
Department of WHOI Author: BIO.
Contribution Number: **9609**

Schneider, R.J., J.M. Hayes, K.F. Von Reden, A.P. McNichol, and T.I. Eglinton.

Preparation for continuous flow accelerator mass spectrometry. *Radiocarbon*, IN PRESS.
Contracts: NSF OCE80-101500, Green Award.
Department of WHOI Author: GEOL.
Contribution Number: **9621**

Schubel, J.R. and C.A. Butman.

Keeping a finger on the pulse of marine biodiversity: How healthy is it?. IN:
Nature and Human Society: A Quest for a Sustainable Future. P.H. Raven and T.
Williams, Eds. National Academy Press, Washington, DC, IN PRESS.

Contracts: New England Aquarium NEA97-04.

Department of WHOI Author: BIO.

Contribution Number: **9620**

Warren, Bruce A., J. LaCasce, and P.E. Robbins.

Reply (to Olbers comment on 'On the obscurantist physics of "form drag" in
theorizing about the circumpolar current'). *J.Phys.Oceanogr.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **NONE**

Yang, Jiayang and James F. Price.

Water-mass formation and vorticity balance in an abyssal ocean circulation.

J.Phys.Oceanogr., IN PRESS.

Contracts: OCE96-16951, NOAA NA56CP0209.

Department of WHOI Author: PO.

Contribution Number: **9616**

Compiled by: Maureen Carragher
MBL/WHOI Library
library@whoi.edu
January 6, 1998