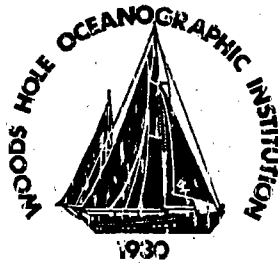


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by

Lori M. Mahoney

December 1996

Technical Report

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Woods Hole, Massachusetts 02543

December 1996

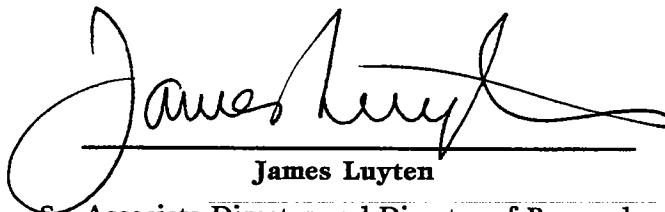
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WHOI

94-01

Tracy, Maren E., Edward T. Peltzer, and Catherine Goyet.

Measuring $x\text{CO}_2$ using the CAT/NDIR method. System set-up, calibration, maintenance and shutdown. 1994. 51p.

WHOI

94-02

Christeson, Gail L.

Seismic constraints on shallow crustal processes at the East Pacific Rise. Ph.D. Thesis. MIT/WHOI Joint Program in Oceanography/Applied Ocean Science and Engineering. 1994. 182p. NTIS No. AD-A289 055.

WHOI

94-03

Recchia, Cheri Anne.

Social behaviour of captive Belugas, *Delphinapterus leucas*. Ph.D. Thesis. MIT/WHOI Joint Program in Oceanography/Applied Ocean Science and Engineering. 1994. 206p. NTIS No. AD-A289 549.

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Fredericks, J.J., John H. Trowbridge, and Yogesh C. Agrawal.

Observations of near-bottom flow in a wave-dominated nearshore environment. 1994. 158p. NTIS No. AD-A289 331.

WHOI

94-05

Paul, Alora K., editor.

Abstracts of manuscripts submitted in 1993 for publication. 1994. Various pagings. NTIS No. AD-A296 653.

WHOI

94-06

Schneider, David L., and Julianne M. Palmieri.

A method for the analysis of rare earth elements in natural waters by isotope dilution mass spectrometry. 1994. 39p. NTIS No. AD-A296 806.

WHOI

94-07

Tarbell, Susan, Ralf Meyer, Nelson Hogg, and Walter Zenk.

A moored array along the southern boundary of the Brazil Basin for the Deep Basin Experiment - report on a joint experiment 1991-1992. 1994. 97p.

NTIS No. AD-A296 661. *by* _____

WHOI

94-08

Pawlowicz, Ryszard A.

Tomographic observations of deep convection and the thermal evolution for the Greenland Sea Gyre 1988-1989. Ph.D. Thesis. MIT/WHOI Joint Program in Oceanography/Applied Science and Engineering. 1994. 174p.

NTIS No. AD-A289 104.

- WHOI
94-09** **Bradley, Christopher Robert.**
Very low frequency seismo-acoustic noise below the sea floor (0.2 - 10 Hz).
Ph.D Thesis. MIT/WHOI Joint Program in Oceanography/Applied Ocean
Science and Engineering. 1994. 245p. NTIS No.AD-A289 145.
- WHOI
94-10** **Kokinos, John Peter.**
Studies on the cell wall of dinoflagellate resting cysts: Morphological develop-
ment, ultrastructure, and chemical composition. Ph.D. Thesis. MIT/WHOI Joint
Program in Oceanography/Applied Ocean Science and Engineering. 1994. 222p.
NTIS No. AD-A296 814.
- WHOI
94-11** **Samelson, Melora Park.**
EPIC processing toolbox. Users guide. 1994. 64p.
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94-12** **Salmon, Rick, and Barbara Ewing-Deremer.**
Geometrical methods in fluid dynamics. 1993 Summer study program in
geophysical fluid dynamics. 1993. 362p. NTIS No. AD-A296 742.
- WHOI
94-13** **Fristrup, Kurt M., and William A. Watkins.**
Marine animal sound classification. 1993. 29p. NTIS No. AD-A289 294.
- WHOI
94-14** **Frye, Daniel E., editor.**
Advanced engineering laboratory project summaries 1992. 1994. 31p.
- WHOI
94-15** **Hartman, M. C., and K. O. Buesseler.**
Adsorbers for in-situ collection and at-sea gamma analysis of dissolved
thorium-234 in seawater. 1994. 16p. NTIS No. AD-A296 955.
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94-16** **Singh, Sandipa, Michael J. Caruso, and Kathryn A. Kelly.**
Altimeter analysis of ocean currents. 1994. 16p. NTIS No. AD-A296 167.
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94-17** **Lemmond, Peter.**
Maptool Version 2. User's manual. 1994. Various paging.
NTIS No. AD-A289 470.
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94-18** **Galbraith, Nancy R., Anand Gnanadesikan, George H. Tupper,
Bryan S. Way, and Eugene A. Terray.**
Meteorological and oceanographic data collected during the ASREX 91 field
experiment. 1994. 114p. NTIS No. AD-A289 492.

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94-19**

Hosom, David S., Robert A. Weller, and Geoffrey P. Allsup.

A self-contained wind speed, direction and location system for buoys and ships in the World Ocean Circulation Experiment. 1994 21p. NTIS No. AD-A296 676.

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94-20**

Smith, R. L., and K. H. Brink.

Coastal ocean processes: Wind-driven transport processes on the U.S. west coast. Portland, Oregon, workshop July 14-16, 1993. 1994. 134p.
NTIS No. AD-A296 725.

**WHOI
94-21**

Yu, Ein-Fen.

Variations in the particulate flux of ^{230}Th and ^{231}Pa and paleoceanographic applications of the $^{231}\text{Pa}/^{230}\text{Th}$ ratio. Ph.D. Thesis. MIT/WHOI Joint Program in Oceanography/Applied Ocean Science and Engineering. 1994. 269p.
NTIS No. AD-A296 961.

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Arenovski, Andrea Lynn.

Distribution, abundance and ecology of mixotrophic algae in marine and fresh-water plankton communities. Ph.D. Thesis. MIT/WHOI Joint Program in Oceanography/Applied Ocean Science and Engineering. 1994. 162p.
NTIS No. AD-A296 820.

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94-23**

Gnanadesikan, Anand.

Dynamics of Langmuir circulation in oceanic surface layers. Ph.D. Thesis. MIT/WHOI Joint Program in Oceanography/Applied Ocean Science and Engineering. 1994. 350p. NTIS No. AD-A296 834.

**WHOI
94-24**

Frye, Daniel E., Editor.

Advanced engineering laboratory project summaries 1993. 1994. 29p.
NTIS No. AD-A296 718.

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Not published.

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Siemann, Liese Anne.

Mitochondrial DNA sequence variation in North Atlantic long-finned pilot whales, *Globicephala melas*. Ph.D. Thesis. MIT/WHOI Joint Program in Oceanography/Applied Ocean Science and Engineering. 1994. 164p.
NTIS No. AD-A296 818.

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Not published.

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94-28**

Payne, Richard E.

Calibration history of some Rotronic MP-100 and Vaisala Humicap relative humidity sensors. 1994. 37p. NTIS No. AD-A296 674.

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Payne, Richard E.

Long-term tests of some inexpensive barometers and results of pressure cycling of an AIR-DB-1A. 1994. 21p. NTIS No. AD-A296 672.

**WHOI
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Payne, Richard E.

Design and validation of a modified Eppley PSP pyranometer. 1994. 39p. NTIS No. AD-A296 854.

**WHOI
94-31**

Berteaux, Susan S., compiler.

Bibliography of technical reports, 1993. 1994. 15p. NTIS No. AD-A292 741.

**WHOI
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Davis, Cabell S., and John H. Steele.

Biological/physical modeling of upper ocean processes. 1994. 70p. NTIS No. AD-A289 468.

**WHOI
94-33**

Richardson, Philip L., Marguerite E. Zemanovic, Christine M. Wooding, and William J. Schmitz, Jr.

SOFAR float trajectories in the tropical Atlantic 1989-1992. 1994. 90p. NTIS No. AD-A296 855.

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WHOI

95-01

Trask, Richard P., Bryan S. Way, William M. Ostrom, Geoffrey P. Allsup, and Robert A. Weller.

Arabian Sea Mixed Layer Dynamics Experiment. Mooring deployment cruise report. R/V *Thomas Thompson* cruise number 40. 11 October - 25 October 1994. 1995. 62p. NTIS No. AD-A293 684.

WHOI

95-02

Li, Lin.

Computer modeling of a vertical array in a stratified ocean. 1995. 78p. NTIS No. AD-A301 259.

WHOI

95-03

Harris, Carolyn L., Albert J. Plueddemann, Robert H. Bourke, Marla D. Stone, and Richard A. Pawlowicz.

Collection and processing of shipboard ADCP velocities from the Barents Sea Polar Front Experiment. 1995. 71p. NTIS No. AD-A298 021.

WHOI

95-04

Johnson, Mark, David Herold, and Josko Catipovic.

Report on the acoustic network Arctic deployment, March 1994. 1995. 50p. NTIS No. AD-A296 503.

WHOI

95-05

Caruso, Michael J., Sandipa Singh, Kathryn A. Kelly and Bo Qui.

Monthly atmospheric and oceanographic surface fields for the western North Atlantic: December, 1986 - April, 1989. 1995. 67p. NTIS No. N96-18738.

WHOI

95-06

Galbraith, Nancy R.

A processing system for Argos meteorological data. 1995. 54p. NTIS No. AD-A302 367.

WHOI

95-07

McKee, Theresa K., Robert S. Pickart, and William M. Smethie, Jr.

Hydrographic data from Endeavor 223: formation and spreading of the shallow component of the North Atlantic deep western boundary current. 1995. 125p. NTIS No. AD-A300 893.

WHOI

95-08

Brink, Nancy J., Kerry A. Moyer, Richard P. Trask, and Robert A. Weller.

Subduction Experiment. Mooring field program and data summary. Sub 1 June 1991 - February 1992. Sub 2 February 1992 - October 1992. Sub 3 October 1992 - June 1993. 1995. 113p. NTIS No. AD-A301 782.

- WHOI
95-09** **von der Heydt, K. and C. F. Eck.**
Radio LAN acquisition module (RLAM), recent developments for high resolution data collection systems as implemented for the ONR Sea Ice Mechanics Experiment, Spring 1994. 1995. 78p. NTIS No. AD-A302 413.
- WHOI
95-10** **Hoagland, Porter, Mary E. Schumacher, and Arthur G. Gaines, Jr.**
Toward an effective protocol on land-based marine pollution in the wider Caribbean region. 1995. 186p.
- WHOI
95-11** **Plueddemann, Albert J. and Nancy R. Galbraith.**
ADCP measurements from the ICESHELF 94 Experiment. 1995. 85p. NTIS No. AD-A302 498.
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95-12** **Chave, Alan D., A. W. Green, Jr., R. L. Evans, J. H. Filloux, L. K. Law, R. A. Petitt, Jr., J. L. Rasson, A. Schultz, F. N. Spiess, P. Tarits, M. Tivey, and S. C. Webb.**
Report of a workshop on technical approaches to construction of a seafloor geomagnetic observatory. 1995. 43p. NTIS No. AD-A302 048.
- WHOI
95-13** **Pallant, Julie S., Frank B. Bahr, Terrence M. Joyce, Jerome P. Dean, and James R. Luyten.**
Subduction in the subtropical gyre: Seasoar cruises data report. 1995. 213p. w/CD-ROM. NTIS No. AD-A286 861.
- WHOI
95-14** **Trask, Richard P., Robert A. Weller, and William M. Ostrom.**
Arabian Sea Mixed Layer Dynamics Experiment mooring deployment cruise report. R/V Thomas Thompson cruise number 46. 14 April - 29 April 1995. 1995. 88p. NTIS No. AD-A302 255.
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95-15** **Paul, Walter.**
Design considerations for stretch conductors on oceanographic moorings. 1995. 11p. NTIS No. AD-A303 058.
- WHOI
95-16** **Trask, Richard P. and Robert A. Weller.**
Cyclic fatigue testing of surface mooring hardware for the Arabian Sea Mixed Layer Dynamics Experiment. 1995. 63p. NTIS No. AD-A304 902.
- WHOI
95-17** **Irish, J. D., J. F. Lynch, A. E. Newhall, N. Witzell, P. Traykovski, and S. Glenn.**
Winter 1993 observations of oceanography and sediment transport at the LEO-15 site. 1995. 65p. NTIS No. AD-A305 573.

1995 MIT/WHOI THESES

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MIT/WHOI

95-01

Pankratov, Kirill.

Influence of topography on the dynamics of baroclinic ocean eddies. Ph.D. Thesis. MIT/WHOI Joint Program in Oceanography/Applied Ocean Science and Engineering. 1994. 192p.

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95-02

Rosenthal, Yair.

Late quaternary paleochemistry of the Southern Ocean: evidence from cadmium variability in sediments and foraminifera. Ph.D. Thesis. MIT/WHOI Joint Program in Oceanography/Applied Ocean Science and Engineering. 1994. 186p.

MIT/WHOI

95-03

Wolfe, Cecily Jo.

Geophysical studies of plate-boundary earthquakes and mid-plate volcanism in the ocean basins. Ph.D. Thesis. MIT/WHOI Joint Program in Oceanography/Applied Ocean Science and Engineering. 1994. 172p. NTIS No. AD-A298 639.

MIT/WHOI

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Extracting energy from unsteady flows through vortex control. Ph.D. Thesis. MIT/WHOI Joint Program in Oceanography/Applied Ocean Science and Engineering. 1994. 139p.

MIT/WHOI

95-05

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Array processing and forward modeling methods for the analysis of stiffened, fluid-loaded cylindrical shells. Ph.D. Thesis. MIT/WHOI Joint Program in Oceanography/Applied Ocean Science and Engineering. 1994. 157p.

MIT/WHOI

95-06

LeGrand, Pascal.

What do paleo-geochemical tracers tell us about the deep ocean circulation during the last ice age? Ph.D. Thesis. MIT/WHOI Joint Program in Oceanography/Applied Ocean Science and Engineering. 1994. 194p. NTIS No. AD-A298 636.

MIT/WHOI

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White, Renee Devorah.

Tetrachlorobiphenyl metabolism, toxicity, and regulation of cytochrome P450 expression in a marine teleost fish. Ph.D. Thesis. MIT/WHOI Joint Program in Oceanography/Applied Ocean Science and Engineering. 1995. 227p. NTIS No. AD-A305 892.

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Hydraulics and instabilities of quasi-geostrophic zonal flows. Ph.D. Thesis. MIT/WHOI Joint Program in Oceanography/Applied Ocean Science and Engineering. 1994. 154p. NTIS No. AD-A300 364.

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Epstein, Ari Wenkart.

Physical processes and zooplankton distribution in the Great South Channel: observational and numerical studies. Ph.D. Thesis. MIT/WHOI Joint Program in Oceanography/Applied Ocean Science and Engineering. 1995. 198p.

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Application of an inverse model in the community modeling effort results. Ph.D. Thesis. MIT/WHOI Joint Program in Oceanography/Applied Ocean Science and Engineering. 1995. 262p. NTIS No. AD-A305 883.

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Mutant analysis of luminescence and autoinduction in a marine bacterium. Ph.D. Thesis. MIT/JOINT Program in Oceanography/Applied Ocean Science and Engineering. 1995. 80p. NTIS No. AD-A305 899.

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Dynamics of the Antarctic Circumpolar Current: evidence for topographic effects from altimeter data and numerical model output. Ph.D. Thesis. 1995. 216p. NTIS No. AD-A305 871.

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Lee, Jennifer Grant.

Cadmium: a toxin and a nutrient for marine phytoplankton. Ph.D. Thesis. MIT/WHOI Joint Program in Oceanography/Applied Ocean Science and Engineering. 1995. 136p. NTIS No. AD-A308 002.

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An entropic framework for AUV sensor modeling. Ph.D. Thesis. MIT/WHOI Joint Program in Oceanography/Applied Ocean Science and Engineering. 1995. 132p. w/color plates. NTIS No. AD-A305 965.

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Some nonlinear problems in plankton ecology. Ph.D. Thesis. MIT/WHOI Joint Program in Oceanography/Applied Ocean Science and Engineering. 1995. 172p. NTIS No. AD-A305 897.

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Subtidal cross-shelf circulation on the Northern California Shelf. Ph.D. Thesis. MIT/WHOI Joint Program in Oceanography/Applied Ocean Science and Engineering. 1995. 157p. NTIS No. AD-A305 821.

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Tectonics of the East Pacific Rise: studies of faulting characteristics and magnetic and gravity anomalies. Ph.D. Thesis. MIT/WHOI Joint Program in Oceanography/Applied Ocean Science and Engineering. 1995. 512p. w/color plates. NTIS No. AD-A305 890.

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Picophytoplankton photoacclimation and mixing in the surface oceans. Ph.D. Thesis. MIT/WHOI Joint Program in Oceanography/Applied Ocean Science and Engineering. 1995. 301p. NTIS No. AD-A305 909.

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Optimal mode localization in disordered, periodic structures. Ph.D. Thesis. MIT/WHOI Joint Program in Oceanography/Applied Ocean Science and Engineering. 1995. 198p. NTIS No. AD-A305 966.

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Weidman, Christopher R.

Development and application of the mollusc *Arctica islandica* as a paleo-oceanographic tool for the North Atlantic Ocean. Ph.D. Thesis. MIT/WHOI Joint Program in Oceanography/Applied Ocean Science and Engineering. 1995. 203P. NTIS No. AD-A307 935.

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Phytoplankton growth and diel variations in beam attenuation through individual cell analysis. Ph.D. Thesis. MIT/WHOI Joint Program in Oceanography/Applied Ocean Science and Engineering. 1995. NTIS No. AD-A308 003.

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Thwaites, Fredrik Turville.

Development of an acoustic vorticity meter to measure shear in ocean-boundary layers. Ph.D. Thesis. MIT/WHOI Joint Program in Oceanography/Applied Ocean Science and Engineering. 1995. 187p. NTIS No. AD-A307 806.

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Estimating open-ocean boundary conditions: sensitivity studies. Ph.D. Thesis. MIT/WHOI Joint Program in Oceanography/Applied Ocean Science and Engineering. 1995. 149p. NTIS No. AD-A307 969.

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Bioacoustics and reproductive ecology of the Damselfish *Dascyllus albisella*. Ph.D. Thesis. MIT/WHOI Joint Program in Oceanography/Applied Ocean Science and Engineering. 1995. 234p. NTIS No. AD-A308 000.

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Oceanic fluxes of mass, heat, and freshwater: a global estimate and perspective. Ph.D. Thesis. MIT/WHOI Joint Program in Oceanography/Applied Ocean Science and Engineering. 1995. 326p. w/color plates. NTIS No. AD-A313 793.

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Topographic preconditioning of open ocean deep convection. Ph.D. Thesis. MIT/WHOI Joint Program in Oceanography/Applied Ocean Science and Engineering. 1995. 146p. NTIS No. AD-A307808.

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