



CENTER FOR COASTAL STUDIES, 0209
SCRIPPS INSTITUTION OF OCEANOGRAPHY

9500 GILMAN DRIVE
LA JOLLA, CALIFORNIA 92093-0209
PHONE: (619) 534-4333
FAX: (619) 534-0300

September 16, 1998

Dr. Thomas Kinder (3)
Scientific Officer, Code 321CD
Office of Naval Research
Ballston Centre Tower One
800 North Quincy Street
Arlington, VA 22217-5660

Administrative Grants Officer (1)
Office of Naval Research
San Diego Regional Office
4520 Executive Dr. Ste. 300
San Diego, CA 92121-3019

Director, Naval Research Laboratory (1)
Attn: Code 2627
4555 Overlook Drive
Washington, DC 20375-5326

Defense Technical Information Center (2)
8725 John J. Kingman Rd., Ste. 0944
Ft. Belvoir, VA 22060-6218

Office of Naval Research (1)
Ballston Centre Tower One
Attn: ONR OOCC1, Mr. William McCarthy
800 North Quincy Street
Arlington, VA 22217-5660

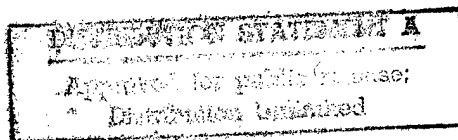
SUBJECT: Final Technical Report
ONR Award No. N00014-95-1-1073
PI: Dr. Clinton D. Winant

Enclosed for your records is the final technical report for the above referenced grant.

Sincerely,

A handwritten signature in cursive script, appearing to read "Ann F. Dunbar".

Ann F. Dunbar
Contract & Grant Assistant
SIO, UCSD



Cc: Ms. Nancy Wilson
Dr. Clinton Winant

REPORT DOCUMENTATION PAGE

Form Approved

OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average one hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.

1. AGENCY USE ONLY (Leave blank)		2. REPORT DATE 9/16/98	3. REPORT TYPE AND DATES COVERED Final Technical Report / 6/7/95 - 6/6/96	
4. TITLE AND SUBTITLE Continental Shelf Broadband Acoustic Doppler Current Profiler Facility			5. FUNDING NUMBERS ONR N00014-95-1-1073	
6. AUTHOR(S) Dr. Clinton D. Winant				
7. PERFORMING ORGANIZATION NAMES(S) AND ADDRESS(ES) Scripps Institution of Oceanography, Center for Coastal Studies 9500 Gilman Drive La Jolla, CA 92093-0209			8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES) Office of Naval Research Attn: Dr. Thomas Kinder 800 North Quincy Street Arlington, VA 22217-5500			10. SPONSORING/MONITORING AGENCY REPORT NUMBER	
11. SUPPLEMENTARY NOTES				
12a. DISTRIBUTION/AVAILABILITY STATEMENT Unrestricted			12b. DISTRIBUTION CODE	
13. ABSTRACT (Maximum 200 words) The following instruments were purchased from RD Instruments (RDI): six (6) 300 kHz Workhorse Sentinel Broadband Acoustic Doppler Current Profilers (ADCP's); one (1) 150 kHz Broadband Acoustic Doppler Current Profiler; and two (2) accessory battery packs. These instruments were deployed repeatedly in support of the ONR-sponsored research of litoral internal waves. The equipment is part of a pool maintained at the UCSD/SIO Hydraulics Lab and available to any investigator for the cost of preparation and a modest maintenance fee.				
14. SUBJECT TERMS litoral internal waves, ONR, acoustic doppler current profilers, adcp, continental margin, Winant, Goodman, Lerczak, RD Instruments, RDI.			15. NUMBER OF PAGES 2	
			16. PRICE CODE	
17. SECURITY CLASSIFICATION OF REPORT Unrestricted	18. SECURITY CLASSIFICATION OF THIS PAGE Unrestricted	19. SECURITY CLASSIFICATION OF ABSTRACT Unrestricted	20. LIMITATION OF ABSTRACT None	

Results from ONR Grant No. N00014-95-1-1073

Amount: \$202,941.00

Duration: 07 June 1995 through 06 June 1996.

Summary:

We purchased the following from RD Instruments (RDI):

six (6) 300 kHz Workhorse Sentinel Broadband Acoustic Doppler Current Profilers (ADCP's);

one (1) 150 kHz Broadband Acoustic Doppler Current Profiler;

and two (2) accessory battery packs.

These instruments were deployed repeatedly in support of the ONR-sponsored research of litoral internal waves (ONR Grant No. N00014-96-1-0031, "Internal Waves on the Continental Margin"), funded by Louis Goodman. The measurements from the instruments is being analyzed by James Lerczak in support of the research he is conducting as part of his Ph.D. His support is provided under an AASERT grant.

The equipment is part of a pool maintained by Charlie Coughran at the SIO Hydraulics Lab and available to any investigator for the cost of preparation and a modest maintenance fee. So far Ken Melville is the only other scientist to have used the gear, but we have several requests for next year.

Publications: none as yet

Key Words: litoral internal waves, ONR, acoustic doppler current profilers, adcp, continental margin, Winant, Goodman, Lerczak, RD Instruments, RDI.

19980929 054