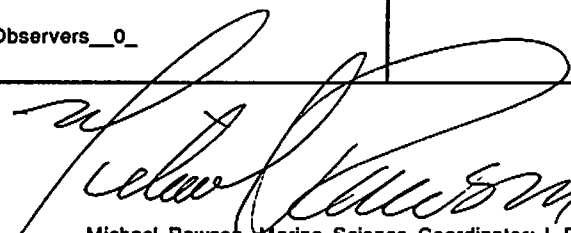


CRUISE REPORT

UNOLS 12/89

Ship Utilization Data

1. Ship Name R/V MAURICE EWING		2. Operating Institution Lamont-Doherty Geological Observatory		3. Cruise (leg) Number EW 91-04	
4. Dates of Project: Begin: 6/13/91 End: 7/28/91		7. Participating Personnel: Code Title Name Institution		Function on Cruise (Ch.Sci., Obs., Tech., Grad. Student, Undergrad, For.Obsv.)	
Port Calls Place Date Papeete 6/13-6/15 Valaparaiso 7/27-7/28		1. Larson, Roger, URI 2. Bird, Robert, Dr. IOS 3. Campbell, Johnathan, Mr.; IOS 4. Alvarez, Carlos, Mr. LDGO 5. Dolan, James, Mr.: URI 6. Gray, Alan, Mr. IOS 7. Greer, Joe, Mr.: LDGO 8. Hooft, Emilie, Miss: IOS 9. Kleinrock, Martin, Dr.: WHOI 10. Lasthiotakis, Helen, Miss: IOS 11. Matwiriwiri, Ropale, Mr.: LDGO 12. Naar, David, Dr.: U. Fla 13. O'Hara, Suzanne, Miss: L-DGO 14. Rouse, Ian, Dr.: IOS 15. Rusby, Ruth, Dr.: IOS 16. Schouten, Jan, Dr.: WHOI 17. Searle, Roger, Dr.: IOS		Ch. Sci Scientist Technician Technician Technician Science Officer Scientist Scientist Technician Scientist Computer Technician Scientist Scientist Scientist Scientist	
5. Number, Sea Days 41		6. Number, Port Days 5			
8a. Area of Operations, Area Index and Geographic Description Juan Fernandez Microplate SE Pacific, SP6					
8b. Research in Foreign Waters?_No_ Country: A		Use reverse of necessary			
9. Primary Project(s)					
a. Project Title, Principal Investigator, Institution A GLORIA, Sea Beam, geophysical investigation of the Juan Fernandez Microplate at the Pacific-Antarctic-Nazca Triple Junction. P.I.: Dr. Roger Larson, GSO at URI		b. Sponsoring Agency/ NSF		c. Grant or Contract OCE 89-17630	d. Participating Personnel Dr. Martin Kleinrock, WHOI
ee. Discipline MG&G					
10. Ancillary Project(s)					
a. Project Title, Principal Investigator, Institution N/A		b. Sponsoring Agency/ N/A		c. Grant or Contract N/A	d. Participating Personnel N/A
ee. Discipline N/A					
11. Science Party: Scientists_10__ Grad. Students_0__ Undergrads_0__ Technicians_7__ Observers_0__ Foreign Observers_0__		12. Cost Allocation Data a. Days Charged 46 b. Agency or Activity Charged NSF c. Grant or Contract No. OCE90-01169 PR			
13.  Michael Rawson, Marine Science Coordinator; L-DGO Title, Signature, Operating Institution Official					Date 3/4/92

