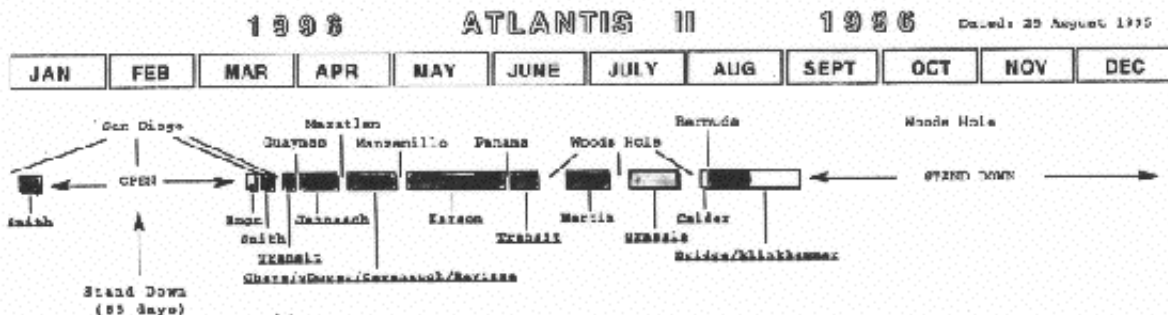
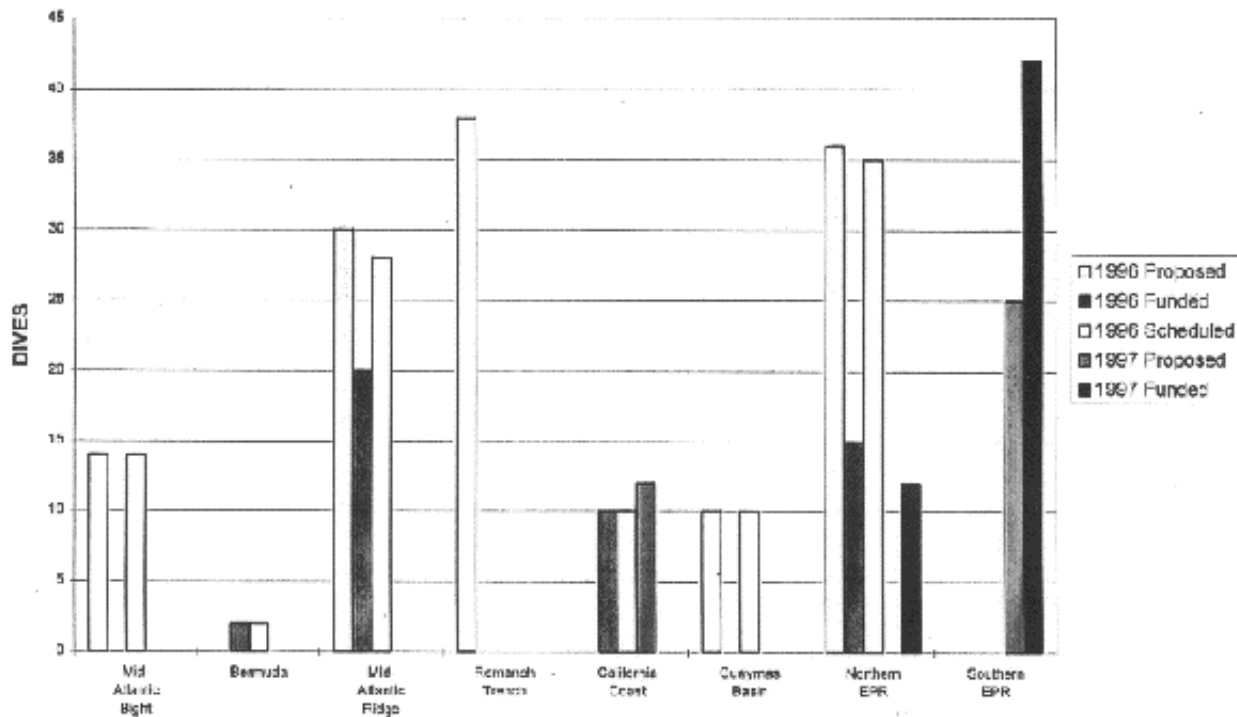


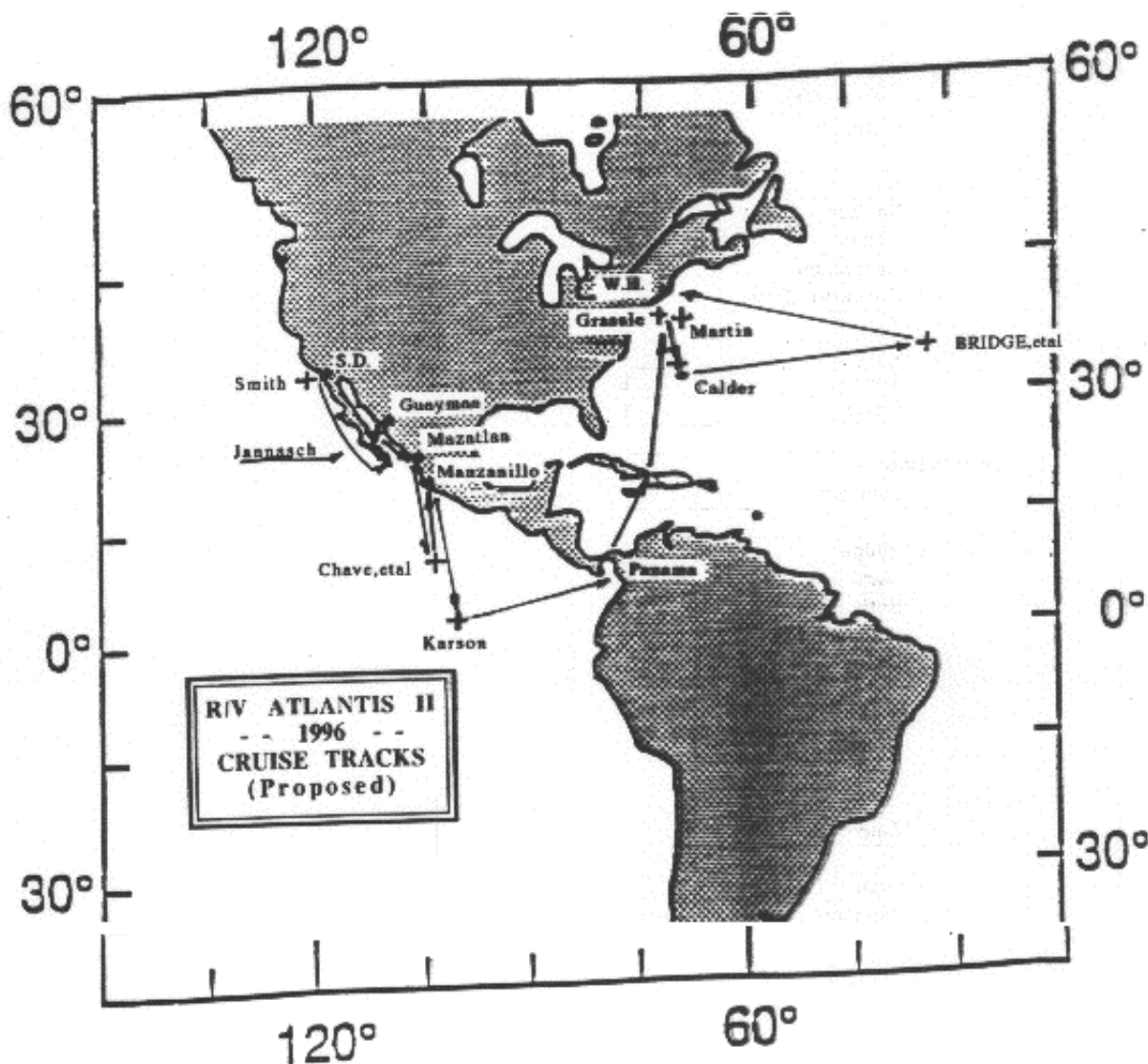
# APPENDIX IV

ALVIN PROPOSAL SUMMARY					
AREA	1996 Proposed	1996 Funded	1996 Scheduled	1997 Proposed	1997 Funded
Mid-Atlantic Bight	14		14		
Bermuda		2	2		
Mid-Atlantic Ridge	30	20	28		
Romanch Trench	30				
California Coast		10	10	12	
Guaymas Basin	10		10		
Northern EPR	30	15	35		12
Southern EPR				25	42

ALVIN PROPOSAL SUMMARY: 1996 - 1997



ATLANTIS II				ALVIN DIVES	
	TOTAL	FUNDED	PENDING		
■ NSF=	131	66	65	NSF=	69
■ NAVY=	1	1	0	NAVY=	0
▨ NOAA=	17	1	16	NOAA=	14
▨ OTHER=	16	2	14	OTHER=	10
TOTAL=	165	70	95	ENGR=	3
				TOTAL=	96



**Title**

1. Investigation of the Relations Between Volcanic, Tectonic and Hydrothermal Activity within a segment of the Mid-Atlantic Ridge influenced by the Azores Hotspot:
2. ARGO II survey @ 17 degrees south
3. Juan de Fuca Survey
4. DSL 120 Survey of Russian Yankee SSN
5. Unmanned Vehicle Support of the Volcanological Investigation of the Superfast Spreading Mid-Ocean Ridge using the DSL 120

**Agency Principal Investigator**

- |     |                             |
|-----|-----------------------------|
| NSF | Fornari/Humphries/Van Dover |
| NSF | Haymond/MacDonald           |
| NSF | Johnson                     |
| ONR | Hollister                   |
| NSF | Sinton                      |

**ROV**

- |                      |
|----------------------|
| JASON/MEDEA, ARGO II |
| ARGO II              |
| JASON/MEDIA          |
| DSL 120              |
| DSL 120              |

6. ARGO II and DSL 120 Surveys for linking Morphology, Petrology, and Geochemistry to Understand Crustal Construction at the Mid-Ocean Ridge	NSF	Humphries	ARGO II, DSL 120
7. Crustal Structure and Neotectonics at Hess Deep: An ODP Survey for Science in Support of Drilling	NSF	Dick	ARGO II, DSL 120
8. Monitor Short Term variability of Difuse Flow from the North Cleft Segment of the Juan de Fuca Ridge	NSF	Kadko	JASON/MEDEA
9. Survey for FARA Program at Mid-Atlantic Ridge	NSF	Sempere	ARGO II, DSL 120
10. Detailed investigation o Developments and Evolution of Abyssal Hill Morphology Along the Mid-Atlantic Ridge	NSF	Kleinrock	JASON/MEDEA, ARGO II
11. Indian Ocean Survey ARGO II, DSL 120	NSF	Fornari/Humphries	JASON/MEDEA
12. Study of Temporal Changes in Biological Community Structure at Nascent Hydrothermal Vents on the EPR Crest	NSF	Lutz	JASON/MEDEA
13. Spatial Control for Temporal Variability:3-D Multiscalar Mapping of Seafloor Features and Water Column Plumes Within the Ridge Observatory	NSF	Delaney	JASON/MEDEA, DSL 120
14. Hydrothermal & Structural Investigations Along the Fastest Spreading Center	NSF	Hey	DSL 120
15. Active Processes at Ridge Crest: Establishing a Baseline for Recent and Future Diking-Eruptive Events on the Juan de Fuca Ridge	NSF	Deleny	DSL 120
16. High-Resolution Magneto-Stratigraphic and U-Series Dating of Giant Submarine Landslides and Their Correlation with Explosive Volcanism on the Hawaiian HotSpot	NSF	Smith, John	ARGO II
17. Instrument Borehole Seals for 1996 ODP Drilling on the Juan de Fuca Ridge	NSF	Becker	JASON/MEDEA
18. Observatory Experiment Using Jason on the Juan de Fuca Ridge	NSF	Chadwick	JASON/MEDEA
19. Hawaiian 2 Observatory Subcontracted to IRIS	NSF	Chave/Yoerger/Catipovic	JASON/MEDEA