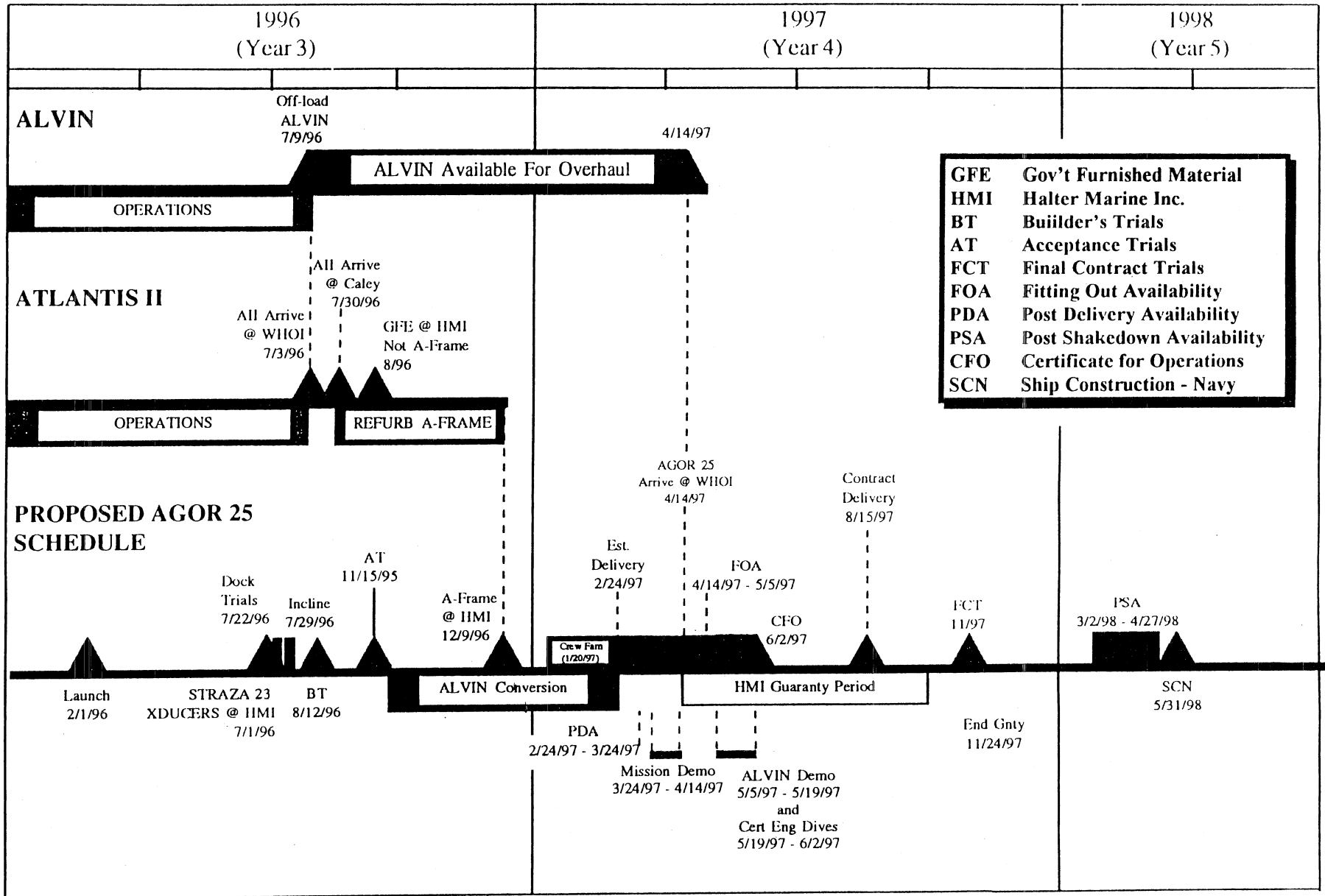


# APPENDIX III

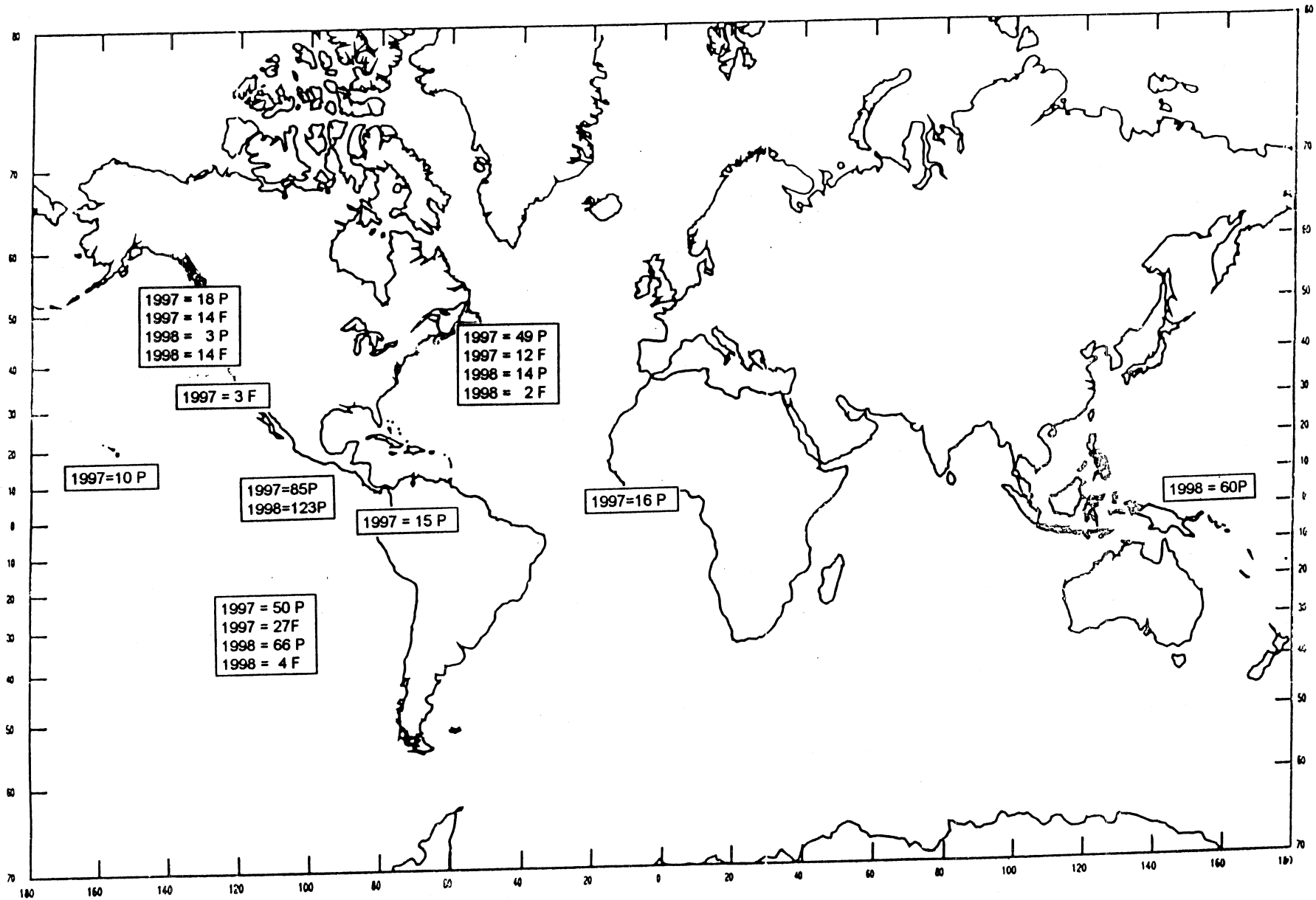
# AGOR 25/ATLANTIS II/ALVIN Schedule

(Estimated Delivery - 24 Feb 97)



▲ - MILESTONES    ▲ - TESTS & TRIALS/OPERATIONS    ■ - YARD PERIODS

# ALVIN AREAS OF INTEREST - 1997 AND BEYOND



# 1997

## Funded Alvin Dive Requests

<u>Area</u>	<u>P.I.</u>	<u># dives</u>	<u>Comments</u>
Atlantic, NA6	D.Calder/Ont.	2	Bermuda
NA7	Chave/WHOI	6	TAG (w/vanDover)
NA7	Vrijenhoek/RUTG	14	MAR, 37N to 15N
NA7	BRIDGE/UK	<u>5</u>	Lucky Strike
		27	

<u>Area</u>	<u>P.I.</u>	<u># dives</u>	<u>Comments</u>
No. EPR, 10N	Taylor, Wirsén/WHOI	5	NSF/IBN
2N(Hess Deep)	J. Karson/Duke	<u>15</u>	w/Jason
		20	

<u>Area</u>	<u>P.I.</u>	<u># dives</u>	<u>Comments</u>
Juan de Fuca Region	Chave/WHOI	<u>6</u>	w/VanDover
		6	

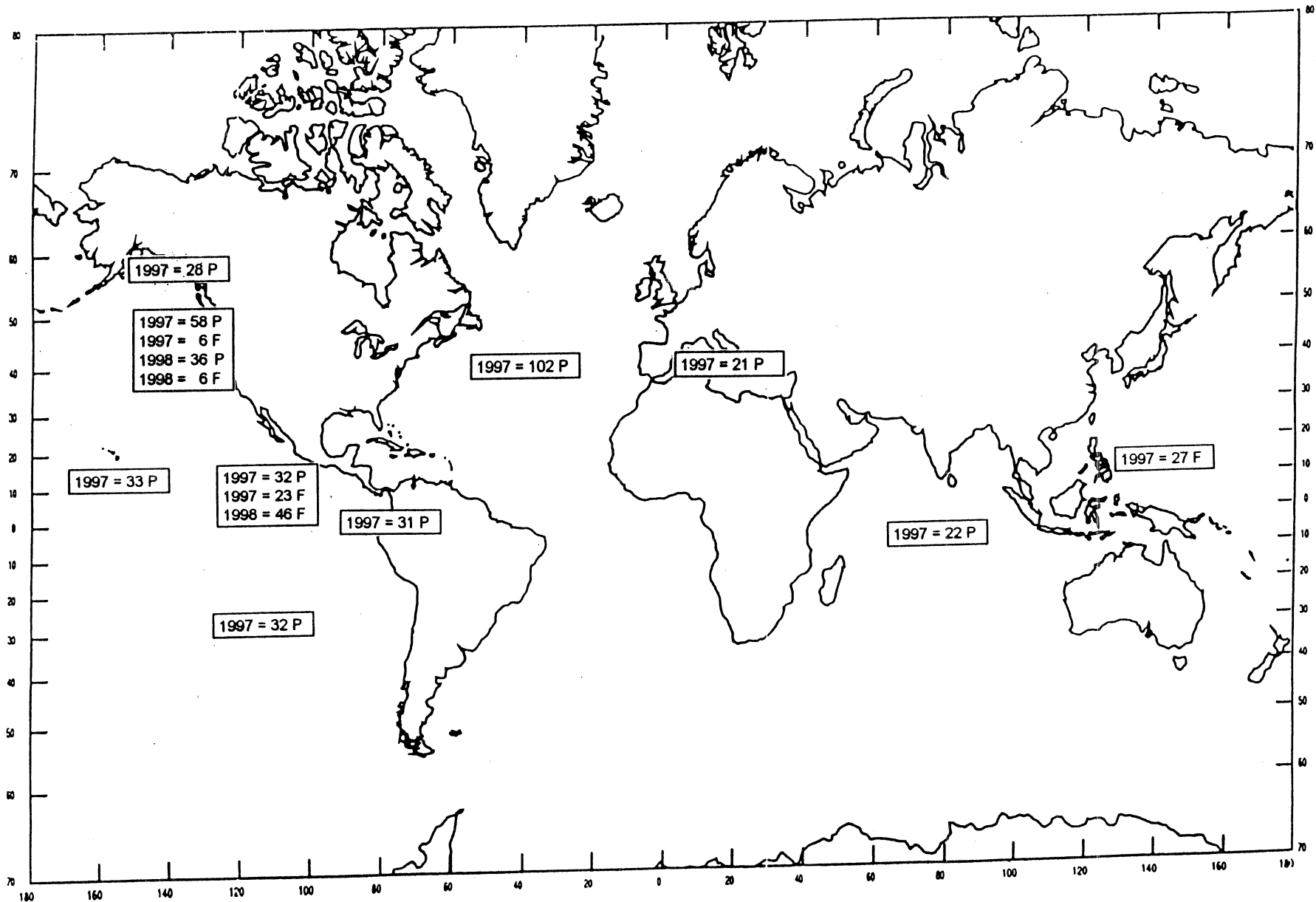
<u>Area</u>	<u>P.I.</u>	<u># dives</u>	<u>Comments</u>
California Coast	C.Smith/Haw	<u>3</u>	3rd of 3 cruises
		3	

<u>Area</u>	<u>P.I.</u>	<u># dives</u>	<u>Comments</u>
So. EPR, 17-22S	Vrijenhoek/Rutgers	14	Gene flow
"	Chave/WHOI	6	w/VanDover
"	M. Lilley/UW	27	w/vonDamm, Lupton
"	J. Sinton/Haw	27	w/AMS-120
"	J. Childress/UCSB	<u>6</u>	
		80	

Total dives on books 136

DAM -9/12/96

# ROV AREAS OF INTEREST - 1997 AND BEYOND



# 1997

## Funded ROV/ARGO/AMS-120 Requests

<u>Area</u>	<u>P.I.</u>	<u># sci.days</u>	<u>Comments</u>
Atlantic		0	
<u>Area</u>	<u>P.I.</u>	<u># sci.days</u>	<u>Comments</u>
No. EPR, 10N	R.Lutz/Rutgers	23	Jason
2N(Hess Deep)	J. Karson/Duke	<u>15</u>	Jason,w/Alvin
		38	
<u>Area</u>	<u>P.I.</u>	<u># sci.days</u>	<u>Comments</u>
Juan de Fuca Region	K.Becker/Miami	6	Jason
"	W.Chadwick/OSU	5	Jason
"	JP.Johnson/UW	4	Jason
"	R.Embly/PMEL	<u>10</u>	Jason (PENDING)
		25	
<u>Area</u>	<u>P.I.</u>	<u># sci.days</u>	<u>Comments</u>
So. EPR, 28-32S	R. Hey/Haw	30	AMS-120
17-18S	J.Sinton/Haw	<u>3</u>	AMS-120, w Alvin
		33	
<u>Area</u>	<u>P.I.</u>	<u># ops.days</u>	<u>Comments</u>
West. North Pacific	Derbyshire/UK	35	ARGO, Jason, AMS-120
Mariana ForeArc	P.Fryer/Haw	<u>27</u>	Jason
		62	
<u>Area</u>	<u>P.I.</u>	<u># sci.days</u>	<u>Comments</u>
Mediterranean	R. Ballard/WHOI	<u>22</u>	Jason
		22	

Total days on sta. on books    180

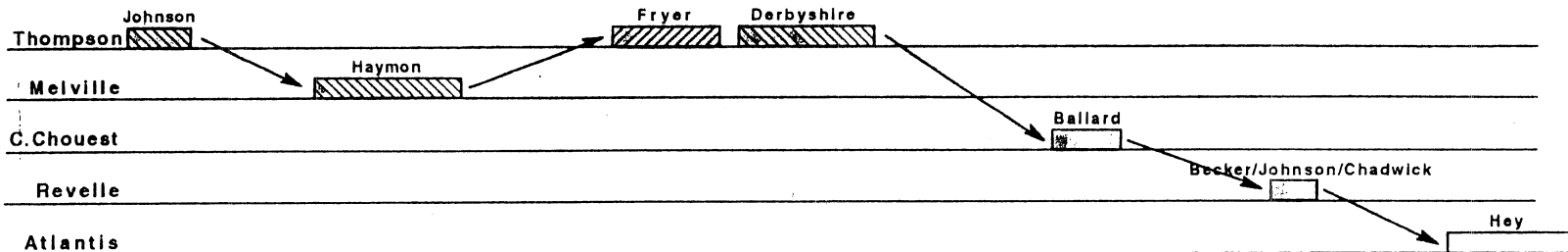
DAM -9/12/96





'96, '97

Jason/Argo/AMS-120

'96, '97

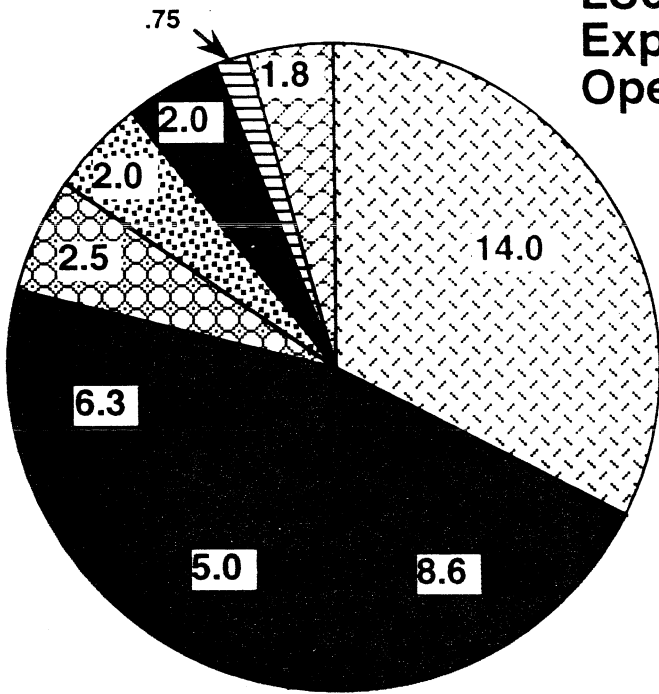
SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT
------	-----	-----	-----	-----	-----	-----	-----	-----	------	------	-----	------	-----



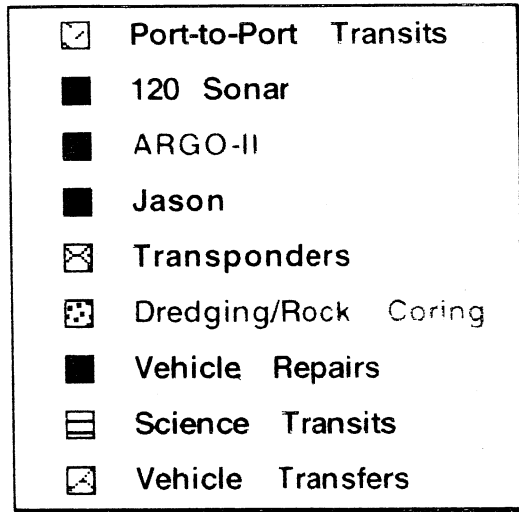
- Jason 
- Argo II 
- AMS-120 
- F.O. Winch 

Moller - 9/15/96

# LUSTRE '96 LUcky STRike Exploration 1996 Operational Summary

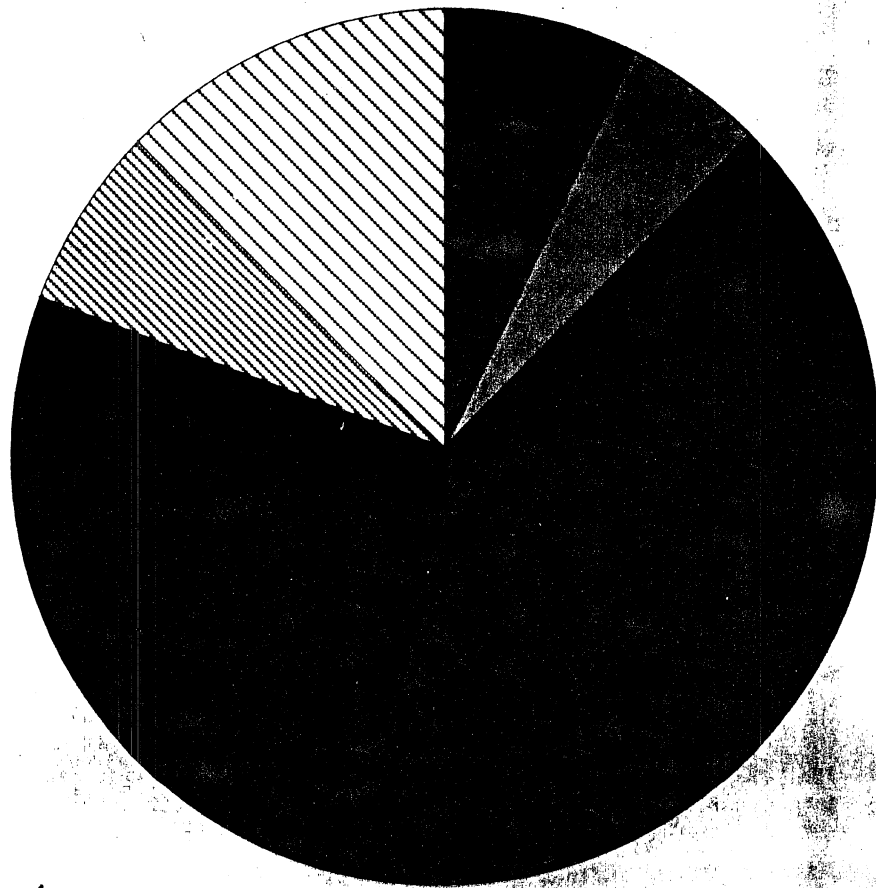


Time (days)



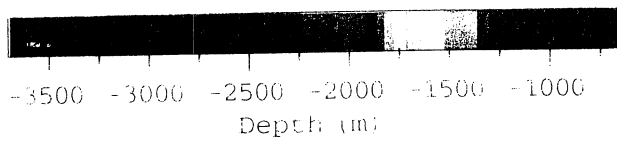
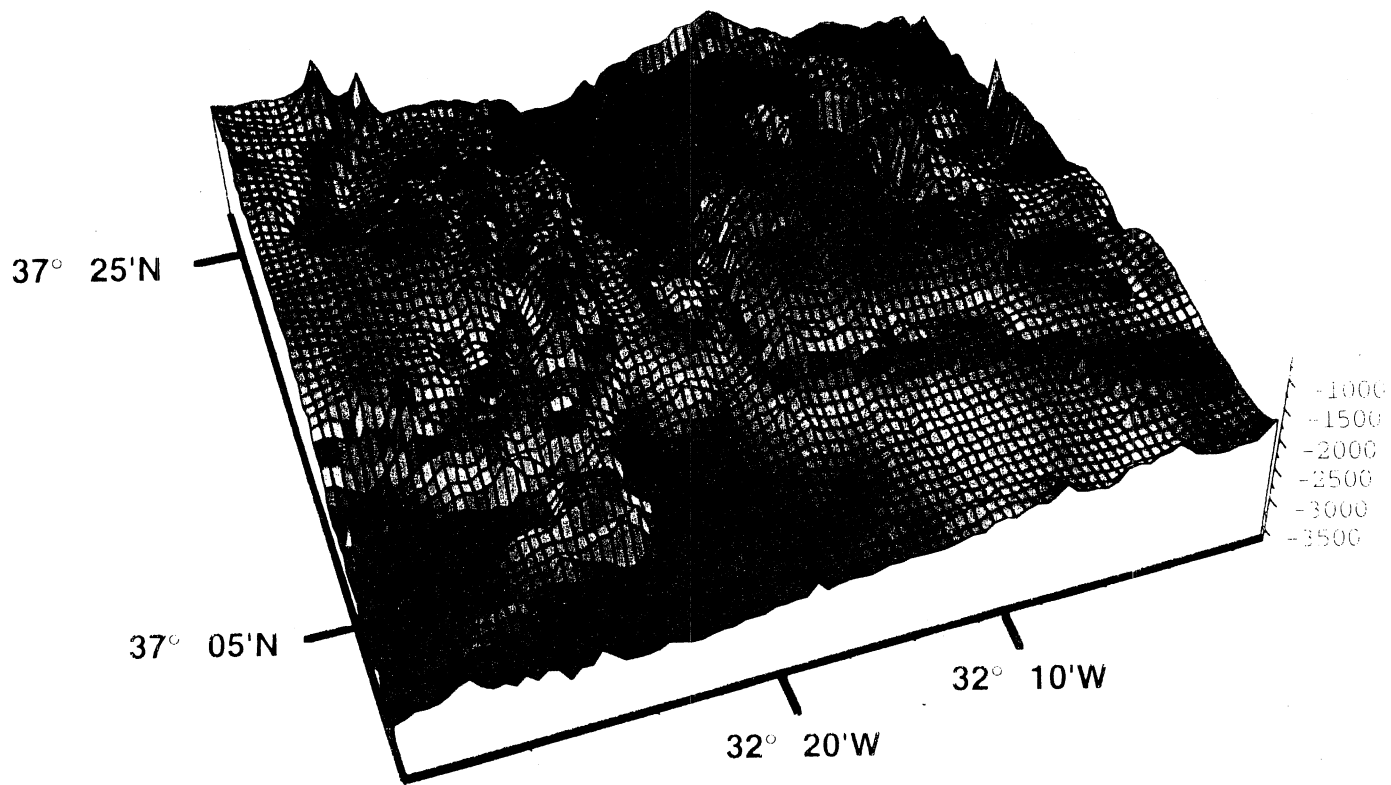


**Summary of Science and Vehicle Operations  
For All Jason Lowerings LUSTRE '96  
Lucky Strike - 1996 R/V Knorr 145-19**



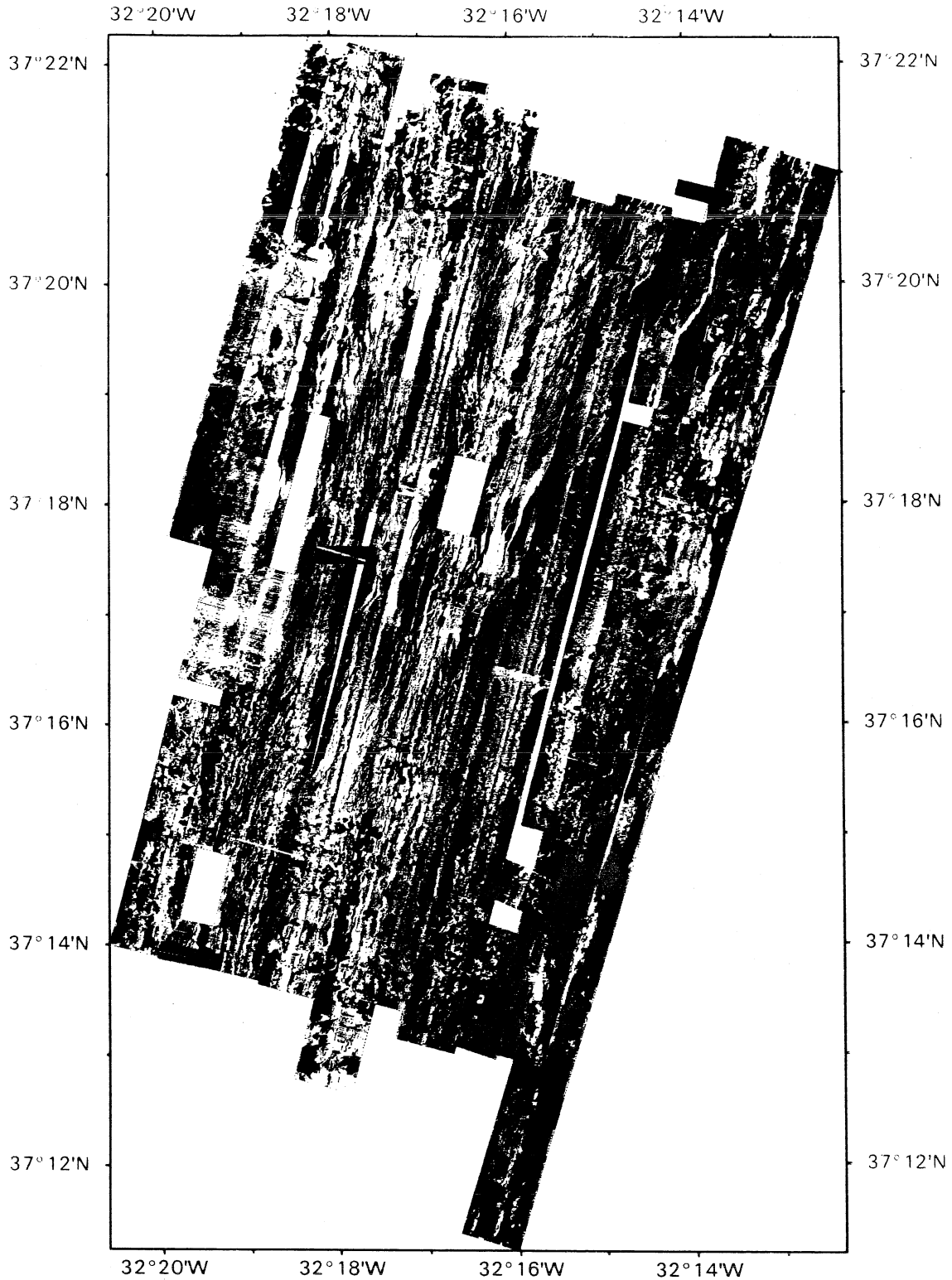
**Total On-Bottom Time: 89hr 31min**

- Water Sampling
- 
- Shrimp Slurping
- Sediment Push Coring
- Sulfide/Basalt Sampling
- Imaging/Exploration
- Troubleshooting
- ▨ Transits to Elevator
- ▨ Equipment Transfers at Elevator

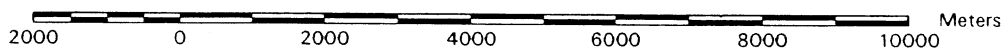


# LUSTRE '96

## DSL120 Northern Survey - Along Axis



Scale 1:100000



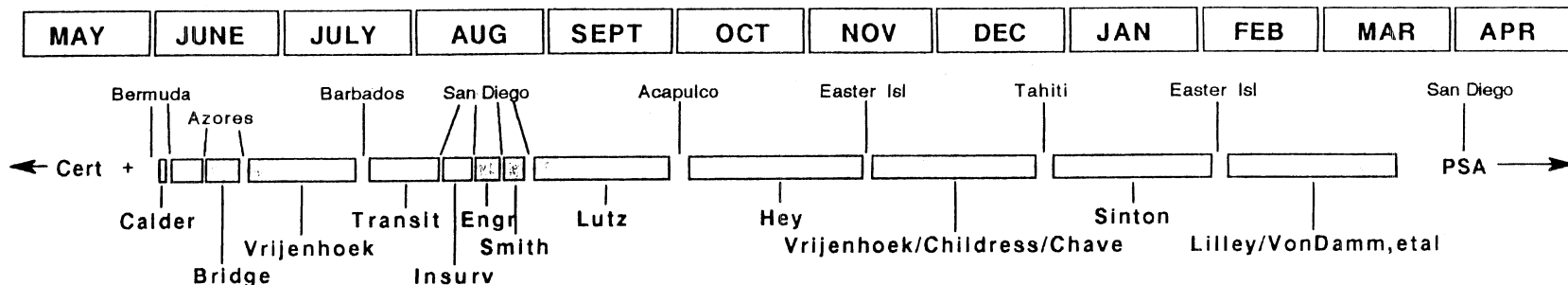
1997

ATLANTIS

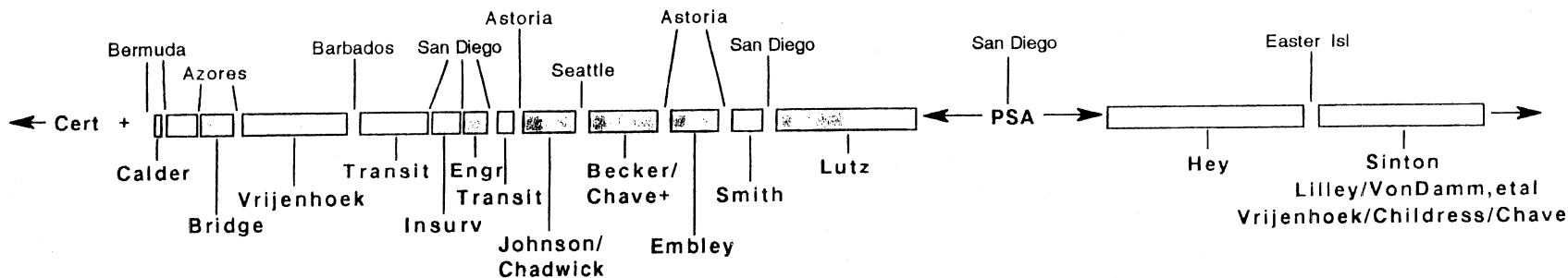
1997

(Dated: 15 Sept. '96)

- OPTION A -

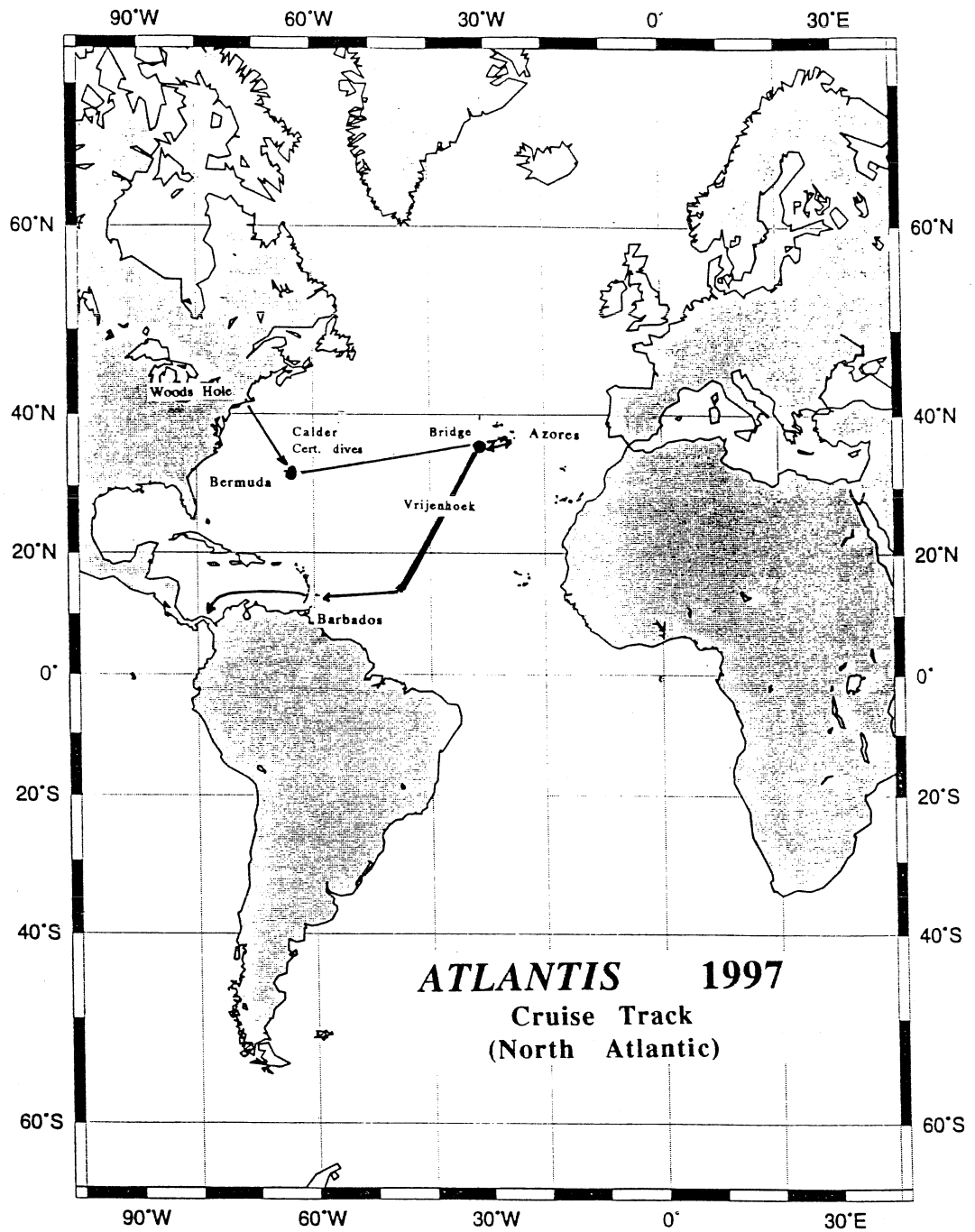


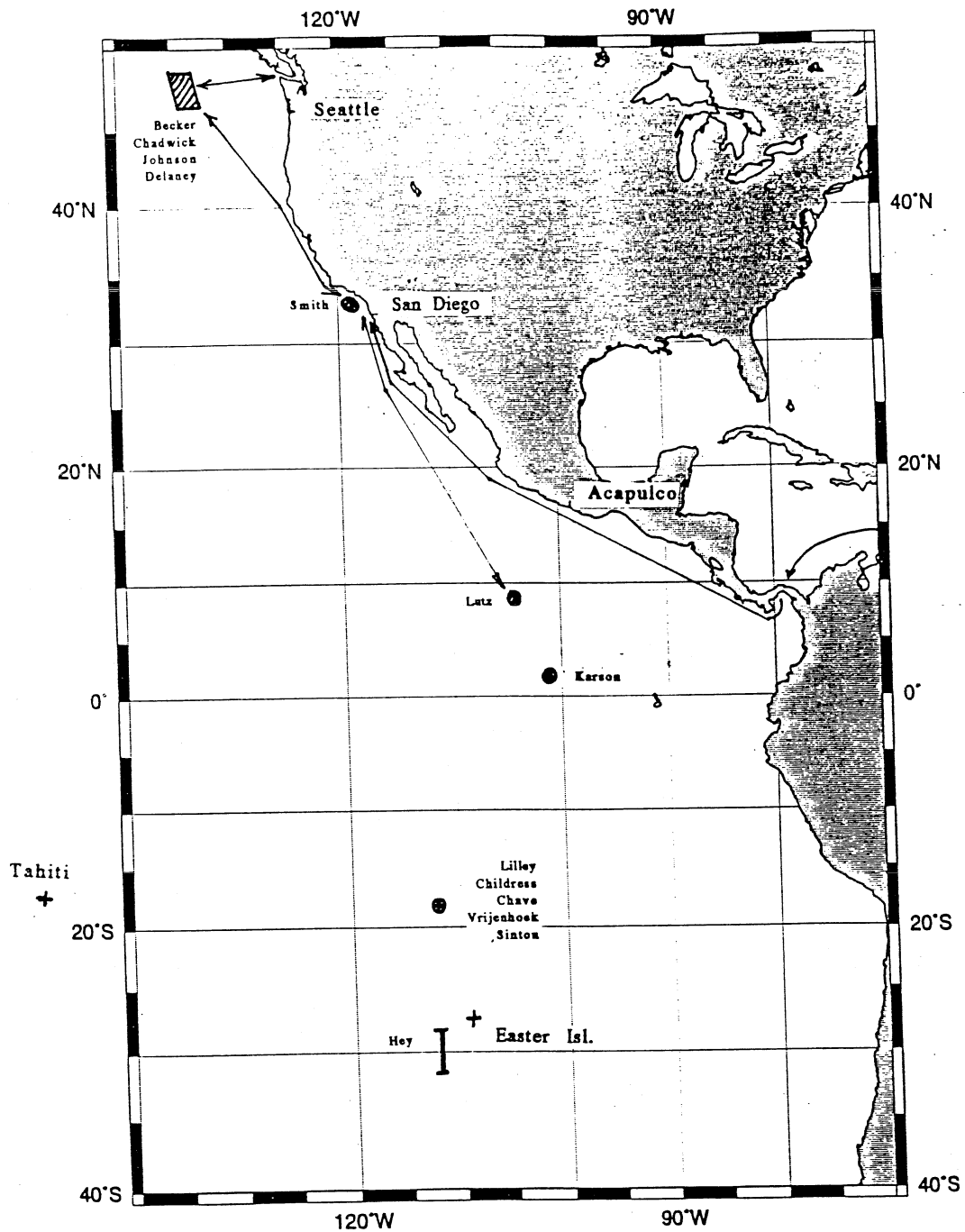
- OPTION B -



Jason		AMS-120	
Argo II		Alvin	

D.Moller - 9/15/96

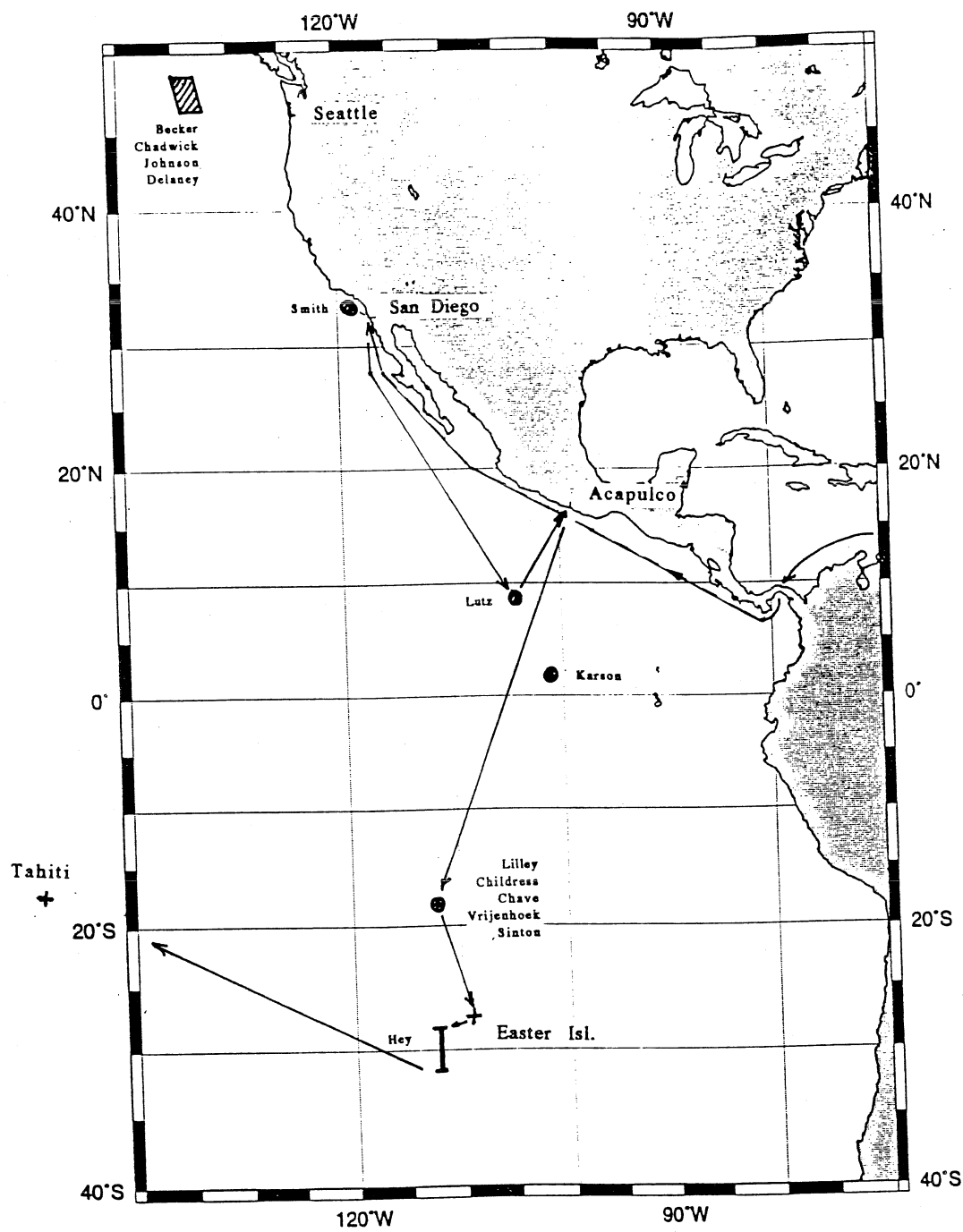




MOC11: Equatorial Pacific Ocean

**ATLANTIS 1997**  
 Cruise Track  
 OPTION A





MOC1: Equatorial Pacific Ocean

**ATLANTIS 1997**  
 Cruise Track  
 OPTION 13

