UNIVERSITY-NATIONAL OCEANOGRAPHIC LABORATORY SYSTEM

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UNOLS Office, WB-15
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Seattle, Washington 98195

December 7, 1983

To: East Coast Ship Scheduling Group
West Coast Ship Scheduling Group
UNOLS Members
UNOLS Associate Members
Federal Agency Representatives

From: William D. Barbee
Executive Secretary, UNOLS

Subject: Report of the Joint Meeting of the East and West Coast Ship Scheduling Groups, October 25, 1983.

This distributes the Report of the separate and joint meetings of the East and West Coast Ship Scheduling Groups held October 25, 1983. The results of the meetings corroborate earlier projections that ships in the UNOLS Fleet will be more heavily used in 1984 than in any recent year. However, the schedules for a few ships (or institutions) are significantly dependent on projects for which funding is not yet secured.

This report will be appended to the Minutes of the October 26, 1983 UNOLS Semiannual Meeting.

WDB:gm
cc: Advisory Council
Attendees

EAST COAST SHIP SCHEDULING GROUP
WEST COAST SHIP SCHEDULING GROUP
REPORT OF JOINT MEETING
October 25, 1983

The East and West Coast Ship Scheduling Groups met for separate meetings at the National Science Foundation (1730 K Street NW and 1800 G Street NW) on October 25, 1983. Attendees are shown in Attachment 1.

Individual meetings for the two groups were called to order at 9 a.m. by their respective Chairmen, Robertson Dinsmore (East) and John Martin (West). The two groups met jointly at 1 p.m.

1. Ship schedules, operations, costs and agency support were quickly reviewed. The reviews revealed only modest changes in estimates for the total cost of 1983 operations from estimates provided in February and May, 1983.

2. Ship schedules, operations, costs and agency support for 1984 were next projected by individual institutions, and discussed and summarized. (Attachment 2, East and Attachment 3, West.)

Projected ship use days for 1984 remain almost 25% greater than for 1983. Projected funding includes $25-27M (67%) from NSF, $5M (12%) from ONR and $8M (20%) from other federal and state agencies. (The Other category includes approximately $1M NSF funds anticipated through Joint Oceanographic Institutions, Inc.)

Although in many respects, the assembled UNOLS Fleet schedule is well defined, a number of problems exist: A large part of the ALPHA HELIX (University of Alaska) schedule is still tentative pending decisions to be made within NSF's Division of Polar Programs. Pending decisions concerning rehabilitation and modification of the MOANA WAVE and the scheduling for replacing KANA KEOKI make the University of Hawaii's projected schedule tentative. Adjustments to the scheduling of South Atlantic investigations have resulted in a GYRE schedule that leaves the ship in the South Atlantic, facing unproductive transit time. Schedules from other institutions include uncertainties of from 2-15% related to pending funding decisions.

These problems and uncertainties notwithstanding, there is the real possibility that in 1984 the shiptime requirements of funded research might exceed the available (or funded) shiptime; i.e., a small number of funded researchers could be left on the dock. The critical match in 1984 between projections of ship requirements and funded shiptime is illustrated in the following tables on Projected 1984 Operations and Funding and on Profiles of Funding Cycles. Note especially: the dramatic increase in operating days projected for 1984 over the average for 1981-1983; the 1984-1983 increase in funding anticipated in each of the funding source categories; and the $3.2M shortfall anticipated on the basis of projected ship use.

EAST-WEST SCHEDULING MEETING
25 OCTOBER 1983

Projected 1984 Ops and Funding

	OP DAYS	$M NSF	$M ONR	TOTAL	TOTAL
EAST COAST	3299	14.71	2.67	5.13	22.51
WEST COAST	2593	12.65	2.42	3.13	18.20
TOTAL	5892	27.36	5.09	8.26	40.71
ANTICIPATED FUNDING		25.0	4.5	8.0	37.5

SHORTFALL: $3.2M

PROFILE OF FUNDING CYCLES

	OP DAYS	$M NSF	$M ONR	$M OTHER	$M TOTAL	SHORT-FALL
1981	4501					
1982	4379	21.2	3.4	4.8	29.4	---
1983 Operations						
MAY 1982 (proj.costs)		24.9	3.9	4.9	33.6	
(anticipated)		(21.8)	(3.1)	(4.9)	(29.8)	3.8
OCT 1982 (proj.costs)		23.8	4.1	6.4	34.3	
(anticipated)		(21.8)	(3.1)	(6.4)	(31.3)	3.0
FINAL	4747	23.4	3.9	5.3	32.6	---
1984 Operations						
MAY 1983 (proj.costs)		28.7	4.4	6.4	39.5	
(anticipated)		(25.4)	(4.1)	(6.4)	(35.9)	3.6
OCT 1983 (proj.costs)	5892	27.4	5.0	8.3	40.7	
(anticipated)		(25.0)	(4.5)	(8.0)	(37.5)	(3.2)
FINAL	?	?	?	?	?	?

The West Coast Ship Scheduling Group elected Brian Lewis, University of Washington as its Chairman for 1984.

After conference with the Group, Dr. Lewis set the next meeting of the West Coast Ship Scheduling Group for Seattle, during the last week in February.

The East Coast Ship Scheduling Group will hold their next meeting in Washington, D.C., during the first week in March.

The meeting was adjourned at 2:30 p.m.

Attachment 1

Attendees

Richard Alderman, NOAA
Thomas C. Aldrich, U.S. Geological Survey
William Barbee, UNOLS Office
J. Frisbee Campbell, University of Hawaii
Larry Clark, NSF/OFS
Tom Cooley, NSF/OFS
Bruce K. Cornwall, Johns Hopkins University/Chesapeake Bay Institute
Joe Curray, Scripps Institution of Oceanography, Advisory Council
Emma R. Dieter, University of Alaska
R. P. Dinsmore, Woods Hole Oceanographic Institution, Chairman (East Coast)
John Donnelly, Woods Hole Oceanographic Institution
Robert Douglas, University of Southern California
Jim Gibbons, University of Miami
Donn Gorsline, University of Southern California, Advisory Council
Grant Gross, NSF/OCE
Peter Hacker, NSF/Physical Oceanography
Don Heinrichs, NSF/Geology; Geophysics
Mark Holmes, USGS, Menlo Park
Tom Johnson, Duke/University of North Carolina
Keith Kaulum, ONR
Don Keach, University of Southern California
Henry Kennedy, Lamont-Doherty Geological Observatory
Ronald La Count, NSF/OFS
Brian Lewis, University of Washington
Bruce Malfait, NSF/OSRS
John Martin, Moss Landing Marine Laboratories, Chairman (West Coast)
John McMillan, NSF/OFS
David Menzel, Skidaway
Charles Miller, Oregon State University
Bill Mitchell, University of Texas at Austin
John Morrison, NSF/OSRS
Wadsworth Owen, University of Delaware
Bruce Robison, University of California - Santa Barbara, Advisory Council

Alexander Shor, Lamont-Doherty Geological Observatory
George Shor, Scripps Institution of Oceanography
Mitchell Stebens, UNOLS Office
Harris B. Stewart, Old Dominion University
Duane Tollekson, ONR
T. K. Treadwell, Texas A & M University
Joe Ustach, Duke/University of North Carolina
Boyce Watkins, University of Washington
Richard West, NSF/OFS

Attachment 2
Oct. 25, 1983

EAST COAST SHIP FUNDING PROJECTIONS

1984 PROJECTIONS

SHIP	OP DAYS	NSF $M	ONR $M	$M	OTHER $M	$M	TOTAL $M
ATLANTIS II	313	2.20	0.43	NOAA 0.42	USGS 0.23		3.28
KNORR	298	2.00	1.00	DOE 0.22	USGS 0.14		3.36
CONRAD	325	2.84	0.29	JOI 0.06	OTHER 0.08		3.27
ENDEAVOR	256	1.08	0.13	DOE 0.31	OTHER 0.37		1.90
OCEANUS	265	1.10	0.25	MMS 0.15	DOE 0.20	USGS 0.05	1.75
ISELIN	270	1.50	0.15	MMS 0.15			1.80
GYRE	290	0.80	0.40	MMS 0.45	USGS 0.17	TAMU 0.15	1.97
CAPE HATTERAS	246	1.00	0	DOE 0.03	UNC 0.05	MMS 0.22	1.30
CAPE FLORIDA	225	1.00	0	OTHER 0.10	U.M. 0.10		1.20
CAPE HENLOPEN	174	0.30	0.02	NOAA 0.14	OTHER 0.19	U.DEL 0.10	0.74
RIDGELY WARFIELD	155	0.55	0				0.55
FRED MOORE	121	0	0	USGS 0.03	JOI 0.62	UT 0.08 OTH0.24	0.97
BLUE FIN	220	0.13	0	DOE 0.04			0.18
CALANUS	141	0.21	0	NOAA 0.03			0.24
TOTAL	3,299	14.71	2.67		5.13		22.51

M.M.S.	0.97	STATE/UNIV	0.48
U.S.G.S.	0.62	J.O.I.	0.68
D.O.E.	0.81	OTHER	0.97
NOAA	0.60		
			5.13

Attachment 3
Oct. 25, 1983

WEST COAST SHIP FUNDING PROJECTIONS

1984 PROJECTIONS

SHIP	OP DAYS	NSF $K	ONR $K	$K	OTHER $K	$K	TOTAL $K
MELVILLE	258	2,890*		SANDIA 271	UC 12		3,173
WASHINGTON	268	1,945	1,059		UC 81		3,084
NEW HORIZON	260	211	359		UC 1,049	DARPA 211	1,831
E.B. SCRIPPS	146	318	102	DOE 6			426
VELERO IV	209	749		NASA 84			833
CAYUSE	135	357		S.F. MLML	125		482
WECOMA	242	1,832			SANDIA 39		1,870
THOMPSON	267	1,840	595				2,435
BARNES	220	142				DOE-20 METRO	162
ALPHA HELIX	239	1,755	79			63	1,898
KANA KEOKI	239	446	223	DMA-500 DOE 54	unident. 76		1,300
MOANA WAVE	110	167		DMA, JOI 512			679
TOTAL	2,593	12,652*	2,417	1,427	1,382	294	18,173

3,103

*Includes DPP-1,033

OTHER

Unidentified	76	JOI	386
SANDIA	310	DMA	626
U. CALIF	1,142	ALASKA	63
DARPA	211	MLML	71
DOE	70	S.F.	54
NASA	84	METRO	10