

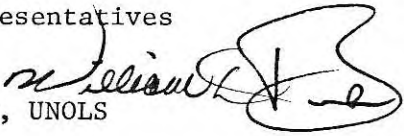
# UNIVERSITY-NATIONAL OCEANOGRAPHIC LABORATORY SYSTEM

An association of institutions  
for the coordination and support  
of university oceanographic facilities

UNOLS Office, WB-15  
School of Oceanography  
University of Washington  
Seattle, Washington 98195

April 6, 1984

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

From: William D. Barbee   
Executive Secretary, UNOLS

Subject: East Coast Ship Scheduling Group Meeting, March 19, 20, 1984

This distributes the Report of the East Coast Ship Scheduling Group held March 19, 20, 1984 in Washington, D. C. Preliminary schedules and tentative cost projections suggest that the East Coast portion of the UNOLS fleet, particularly the large ships, will be heavily used in 1985. When East coast schedules and projections are combined with those from the West Coast (see West Coast Report date March 9, 1984) they indicate that more large ship time has been requested than is available. Requests for intermediate ship time are less than time available, and as a consequence, the COLUMBUS ISELIN'S schedule is weak.

The current stage of ship scheduling is further advanced than at comparable times in years past. This should lead to more efficient ship scheduling.

The workshop on NSF ship operations proposals was informative and effective. Valuable suggestions were exchanged between R. R. La Count and John McMillan for NSF and the East Coast operators.

East Coast Ship Scheduling Group  
Report of Meeting  
March 19, 20, 1984  
Washington, D. C.

The East Coast Ship Scheduling Group met at 9:00 a.m., at the National Science Foundation, 1800 G Street N.W., Washington, D. C. The meeting was called to order by Chairman Robertson P. Dinsmore, W.H.O.I. Except as noted, the order of business followed the agenda distributed before the meeting (Appendix I). Jim Gibbons, RSMAS was unable to attend, but provided information on 1984 and 1985 schedules and cost projections.

1984 Schedules: Schedules provided will be used to update the UNOLS ship scheduling bulletin board for 1984. (Telemail address: SHIP.SCHED 84)  
Reports were of generally strong schedules for all East Coast UNOLS ships.

TAMU reported that although the GYRE's schedule still reflects heavy use, it was significantly disrupted by the recent cancellation of a 15-day cruise that had been scheduled for July, 1984. Such sudden and late cancellations reflect unduly on scheduling efficiency.

The question of the future role of ATLANTIS II was raised. Representatives from the Northeast Consortium (NECOR) noted that ATLANTIS II was fully devoted to ALVIN support during 1984 and 1985, and that this contributed to the fleet shortage of large ship capacity. This matter has been address to the UNOLS Chairman and to the ALVIN Review Committee.

Cost projections for 1984 are summarized in Appendix III. These summaries, together with the West Coasts 1984 summaries are compared to those made in October, 1983:

1984 PROJECTIONS

	East Coast		West Coast		Fleet Total	
	Oct 1983	Mar 1984	Oct 1983	Mar 1984	Oct 1983	Mar 1984
Operation Days	3,299	3,208	2,593	2,227	5,892	5,435
NSF Funds	\$14.7M	\$14.1M	\$12.6M	\$11.4M	\$27.4M	\$25.5M
ONR Funds	2.7M	1.9M	2.4M	2.9M	5.1M	4.8M
Other Funds	5.1M	5.6M	3.1M	2.2M	8.2M	7.9M
TOTAL	\$22.5M	\$21.6M	\$18.2M	\$16.5M	\$40.7M	\$38.2M

Tentative schedules, cost projections and Ship Time Request problems for 1985 were considered in concert. Summaries of 1985 operations, costs and proposed funding are shown on Appendix IV. With the West Coast added, and in comparison to 1984 (above):

1985 Projections

	East Coast		West Coast		Fleet Total	
		Inc. over 84		Inc. over 84		Inc. over 84
Operation days	3,268	60	2,621	394	5889	454
NSF Funds	\$13.9M	-\$0.2M	\$14.8M	\$3.4M	\$28.7M	\$3.2M
ONR Funds	3.0M	1.1M	2.4M	-0.5M	5.4M	0.6M
Other Funds	6.5M	0.9M	1.1M	-1.1M	7.6M	-0.3M
TOTAL	\$23.4M	\$1.8M	\$18.3M	\$1.8M	\$41.7M	\$3.5M

The Group reviewed all Ship Time Requests currently held for East Coast UNOLS ships. Tentative schedules were developed for most ships (Appendix V).

Requests for large ships exceed the time available, even with the R/V THOMAS WASHINGTON spending part of 1985 in the South Atlantic. This shortage of capacity is due in part to (1) the R/V ATLANTIS II's assignment as ALVIN Support during 1985, (2) the large amount of South Atlantic and Southern Ocean ship time requested and (3) the number of SEABEAM and MCS requests. Shortages are concentrated in the South Atlantic and on the East Pacific Rise. Even if all South Atlantic proposals are funded, some may have to be deferred until early 1986.

Requests for intermediate ships time totalled less than fleet capacity. At this time the schedule for the R/V COLUMBUS ISELIN, in particular, is weak. For that reason the Group recommended that the possibility be examined for a one to two year trial assignment of the ISELIN to the West Coast to test whether that size vessel is a suitable replacement for R/V VELERO IV.

Requests for coastal and small vessels are about equal to the time available. All ships should operate with full schedules.

One request for a large ship to the Strait of Gibraltar Flow Dynamics Project (Bryden/W.H.O.I./ONR) is not likely to be accommodated within the UNOLS fleet. The possibility of using a French vessel under the NSF/CNEXO exchange program should be examined.

The East Coast Ship Scheduling Group noted that ship time requests are more timely and tentative scheduling further advanced than in past years. This is, in large part, due to earlier project funding and greater visibility given to ship scheduling and planning. It is highly gratifying and should lend to more efficient ship schedules.

All East Coast institutions provided their wire and cable requirements for 1985 and 1986. R. Dinsmore will consolidate them with previously furnished West Coast requirements for the purposes of bulk purchasing and wire pool maintenance.

The first day's meeting was adjourned at 4:00 p.m.

At 8:30 a.m. on March 20 the Chairman, after summarizing the results of the first day, turned the meeting over to Ron La Count, head OFS in NSF for discussions on the format, content and submission schedule for proposals to NSF/OFS (see Appendix VI).

The rationale for modifying proposals was described and constructive suggestions were exchanged. Data on recent costs of total ship operations and selected cost categories were presented to describe trends.

The meeting was adjourned at 1:30 p.m.

AGENDA  
East Coast Ship Scheduling Group  
March 19, 20, 1984

1. Brief review of 1984 schedules, costs and funding status (please provide 12 copies updated schedules and cost summaries).
2. 1985 Ship Use Requests (please provide 12 copies of summary of your records).
3. Develop tentative 1985 schedule (please provide 12 copies of your tentative schedules).
4. Ship Costs (12 copies rough estimate of your 1985 budget--similar to 1984 cost summary noted above).
5. Long range plans ("Expeditionary" projects, Austral summer of 1985-86 and beyond. Interface with UNEPC.)
6. 1985 and 1986 wire and cable requirements. (R. Dinsmore hopes to consolidate UNOLS requirements for bulk purchase at this meeting.)
7. Recommendations.
8. Ship Operations Proposals - (R. R. La Count and J. McMillan will discuss with attendees--see covering letter and NSF-supplied background material).
9. Other business.

## Appendix II

NAME	INSTITUTION	PHONE
Rodger Baier	NSF	(202)-357-7933
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Bill Boicourt	Univ. of MD	(301)-228-8200
Larry Clark	NSF	(202)-357-7837
T. N. Cooley	NSF/OFS	(202)-357-7837
Bruce K. Cornwall	CBI/JHU	(301)-867-7550
R. P. Dinsmore	WHOI	(617)-548-1400
Jack Donnelly	WHOI	(617)-548-1400
J. J. Griffin	URI	(401)-792-6110
C. Helsley	Univ. of Hawaii	(808)-948-8760
Keith Kaulum	ONR	(202)-696-4531
Chip Kennedy	L-DGO	(914)-359-2900
R. R. La Count	NSF/OFS	(202)-357-7837
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Tom Malone	Univ. of MD	(301)-228-8200
J. G. McMillan	NSF/OFS	(202)-357-7837
Isabel Miles	CBI/JHU	(301)-269-5373
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John Morrison	NSF	(202)-357-7906
Wadsworth Owen	U. of Delaware	(302)-645-4320
Polly Penhale	NSF/OSRS	(202)-357-9600
Alexander Shor	L-DGO	(914)-359-2900
		ext 219
G. Shor	Scripps	(619)-452-2840
Mitchell Stebens	UNOLS	(206)-543-2305
Lee Stevens	Univ. of Washington	(206)-543-2203
T. K. Treadwell	Texas A&M	(409)-845-7211
Joe Ustach	Duke/UNC	(919)-728-2111
Bob Wall	NSF/OSRS	(202)-357-7910
Richard West	NSF/OFS	(202)-357-7837

1984 ESTIMATES

Mar. 19, 1984

SHIP	OPS DAYS	NSF \$K	ONR \$K	OTHER		TOTAL \$K
				\$K	\$K	
ATLANTIS II	321	2,520	278	NOAA-258 GS-258		3,314
KNORR	255	2,287	643	Other (Sandia) 223		3,153
CONRAD	315	2,264	NRL 264	JOI 228	Santa Fe (13) 119	2,875
OCEANUS	258	762	229	Other 748		1,739
ENDEAVOR	257	883	191	DOE 280	Other 280	1,634
GYRE	268	950	50	MMS&TAMU 850		1,850
ISELIN	255	1,306	247		MMS 104	1,657
CAPE HENLOPEN	174	292		MMS-82 NOAA-150	Other 224	748
CAPE HATTERAS	245	1078		MMS-156 NC State 54 DOE-32		1,320
CAPE FLORIDA	214	848	36	MMS 182	Other 47	1,113
WARFIELD	155	545				545
BLUE FIN	220	135		DOE 45		180
LONGHORN						
CALANUS	108	194		20	1	215
MOORE	163			Industry- 352 JOI-168	State-88 Italy-696	1,304
West Coast TOTALS	3,208	14,064	1,938	5,645		21,647



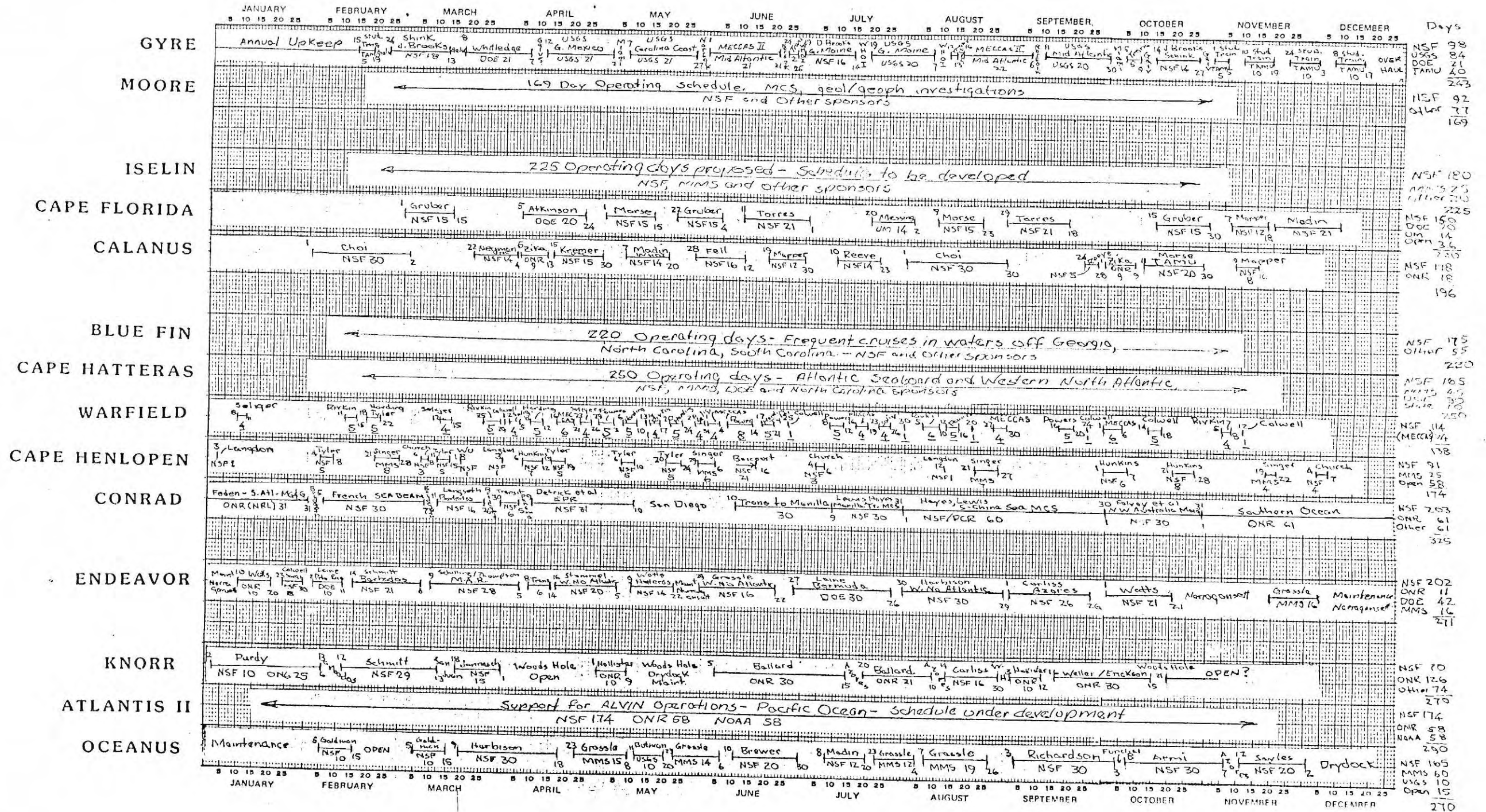
## 1985 COST PROJECTIONS

Mar. 19, 1984

SHIP	1983 COSTS	1984 COSTS (Proposed)	1984 OP DAYS	PROJECTED 1985 COSTS				TOTAL
				1985 OP DAYS	NSF	ONR	OTHER	
ATLANTIS II		3,315	321	290	2,142	714	714	3,570
KNORR		3,152	255	270	875	1,575	(incl. Open) 925	3,375
CONRAD		2,876	315	325	2,050	616	PRC-308 NRL-308	3,282
OCEANUS		1,739	258	250	1,160		501 Open 129	1,790
ENDEAVOR		1,634	257	271	1,500	82	(most DOE) 435	2,017
GYRE		1,850	268	270	910		GS 600 DOE 150 TAMU 280	1,940
ISELIN		1,658	255	225	1,360		349	1,709
CAPE HENLOPEN		748	174	174	355		Open 278 MMS 114 NOAA 46	793
CAPE HATTERAS		1,320	245	250	900		MMS 253 NC 55 DOE 165	1,373
CAPE FLORIDA		1,113	214	220	1,042		191	1,233
WARFIELD		545	155	138	500			500
BLUE FIN		180	220	220	150		40	190
LONGHORN								
CALANUS		216	108	196	246		25	271
MOORE		1,304	163	169	736		616	1,352
West Coast TOTALS		21,647	3,208	3,268	13,926	2,987	6,482	23,395



TENTATIVE 1985 UNOLS EAST COAST SHIP SCHEDULES



NATIONAL SCIENCE FOUNDATION  
WASHINGTON, D.C. 20550  
DIVISION OF OCEAN SCIENCES  
OCEANOGRAPHIC FACILITIES SUPPORT SECTION

February 28, 1984

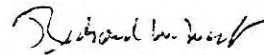
M E M O R A N D U M

TO : Addressees

FROM : R. West, PM/OFS

SUBJECT: Discussion of OFS Guidelines at the East Coast Scheduling Meeting

Ronald La Count, who is now at the West Coast Scheduling meeting, asked me to forward the enclosed memo to you. The draft Guidelines are enclosed, thus the third paragraph of Ron's memo is obsolete.



Richard W. West

Enclosures

Addressees:

B. Cornwall, CBI  
J. Donnelly, WHOI  
R. Gerard, L-DGO  
J. Gibbons, U/Miami  
J. Griffin, URI  
W. Hahn, URI  
J. Hirschman, L-DGO  
T. Johnson, Duke  
D. Menzel, Skidaway  
E. Nelson, Duke Univ.  
W. Taylor, CBI  
J. Thompson, U/Texas  
T. K. Treadwell, TAMU

UNOLS Officers (w/o encl.)

W. Barbee, UNOLS  
R. Dinsmore, WHOI

NATIONAL SCIENCE FOUNDATION  
WASHINGTON, D.C. 20550  
DIVISION OF OCEAN SCIENCES  
OCEANOGRAPHIC FACILITIES SUPPORT SECTION

February 16, 1984

M E M O R A N D U M

TO : Addressees  
FROM : Head, OFS  
SUBJECT: Items for discussion at the next East/West Coast  
Scheduling Meetings

A few weeks ago I asked Bill Barbee, Executive Secretary, UNOLS if John McMillan and I could meet with attendees of the next East Coast and West Coast Scheduling Meetings. He agreed, as has the UNOLS Advisory Council members that met on February 2 and 3. I proposed February 28 for the West Coast and March 20 for the East Coast.

It is our intent to discuss proposed changes in the Guidelines for the preparation of proposals for submissions to programs in the Oceanographic Facilities Support Section (OFS) of the NSF. Our aim is to improve the clarity and usefulness of these Guides and to decrease the burden of proposal preparation. For example, we are considering changing the proposals receipt date for Oceanographic Instrumentation and Shipboard Scientific Support Equipment from July 1 to September 1. These and other changes listed on the enclosed sheet will be discussed at the meetings so that you and your institution will have an opportunity to contribute to the Guideline modifications and, ultimately, to the proposals your institution submits to the Foundation.

Unfortunately, because of the large amount of re-typing and copying that has to be done I do not have a draft working copy for you for this mailing. I hope it can be completed in the next few days so that we can mail it to you and allow you a few days to review it before the meeting; if not, we'll hand carry it to the University of Washington meeting. Nevertheless, you have the old Guidelines from which you can work for the time being. You may wish to adopt, when reviewing the documents, an attitude of what you feel is unreasonable information to provide, or what may be better added for information to us and reviewers.

There are institutional rules and regulations that determine who signs proposals to the NSF and, therefore, I am not totally clear on who is responsible for the development of those submitted to OFS. I leave it to you then to pass this information to the appropriate people who will attend or wish to attend the meeting.

We look forward to a productive meeting.



Ronald R. La Count

Enclosure

Addressees:

D. Caldwell, OSU  
J. F. Campbell, U/Hawaii  
E. R. Dieter, U/Alaska  
D. Keach, U/So. Calif.  
B. Lewis, U/Washington  
J. Martin, MLML  
K. Palfrey, OSU  
T. C. Royer, U/Alaska  
J. B. Watkins, U/Washington

UNOLS Officers

W. Barbee, UNOLS  
R. Dinsmore, WHOI  
C. Miller, OSU  
B. Robison, USC (SB)



SUMMARY OVERVIEW  
of  
PROPOSED MODIFICATIONS  
to  
OFS GUIDELINES

- o Combine six (6) documents:
    - 4 Guidelines (Ship Operations, Technicians, Instrumentation and Equipment);
    - 1 Brochure ("Programs of the Office for Oceanographic Facilities Support," NSF 74-17); and
    - 1 Announcement ("Proposals for Oceanographic Instrumentation Development")into one (1) guideline document.
  - o Consider change of Instrumentation and Equipment deadlines from 1 July to 1 Sept.
  - o Reduce the number of guideline pages by about 40% and eliminate a 12-page brochure and a 1-page announcement.
  - o Organize general information and "boiler-plate" into one (1) up-front section.
  - o Retain the four main areas of OFS support (Ship Operations, Technicians, Instrumentation and Equipment) in separate, identifiable sections.
  - o Add three areas of OFS support (Instrumentation Development, Ship Construction and Conversion and Miscellaneous) to the guidelines format.
  - o Eliminate some Ship Operations sections in proposals and modify others.
  - o Modify proposal evaluation criteria for Equipment.
- 

General discussion on OFS awards to ship operators.