

UNIVERSITY-NATIONAL OCEANOGRAPHIC LABORATORY SYSTEM

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

UNOLS Office
Woods Hole Oceanographic Institution
Woods Hole, Massachusetts 02543

ADVISORY COUNCIL

Minutes of Meeting, August 2-3, 1979
Oregon State University, Marine Science Center
Newport, Oregon

GENERAL. Dr. Keller welcomed the group to the Marine Science Center and mentioned R/V T.G. THOMPSON was arriving at 1400. Later a visit was made to the vessel. Dr. R. Mesecar displayed his 20MA data loop on August 2. Dr. Laverne Weber, Director of the Marine Science Center, gave a presentation on, and tour of, the Center's activities on August 3. The attached agenda was adopted and the items are reported on in the order discussed. The following were present:

G. Anderson, Ch.	T. Treadwell
R. Fisher	J. Zeigler
G. Keller	
J. Martin	***
B. Robison	L. Clark
T. Rossby	T. Stetson
J. Schubel	S. Toye

1. Minutes of Previous Meetings: Minutes of some previous meetings had not been finally accepted due to subsequent corrections or lack of quorum. Minutes were accepted as noted.

a. 24-26 January 1979. Item 10, Ship Operations and Related Problems, contained a table supplied subsequent to the meeting which lists partial layups of certain vessels. Since agreement on what constitutes a layup cannot be reached it was voted to delete the table and replace it with the original table presented at the meeting. This original table was obtained via telephone and the Office for Oceanographic Facilities & Support (OFS) notes several inaccuracies. These did not affect subsequent Council action, however. Persons using these data in this table should verify with OFS.

b. 2 May 1979. The item, Fleet Operations, on page 2 first paragraph, was amended to indicate that Council members were involved to varying degrees in the preparation of the 10 April 1979 document.

c. 17-18 May 1979. The Minutes were adopted as written.

d. 29 June 1979. The Secretary was asked to expand the third paragraph under "Formal Session, item 2, UNOLS' Fleet Assessment". This was done and the wording agreed to.

2. Charter Revision Re Attendance. Dr. Anderson and others were concerned with the fact that the Council failed to obtain a quorum at recent meetings. The central item at both meetings was fleet assessment and lack of a quorum precluded action. Members were reminded they serve the greater community and that their participation is needed if the Council is to function.

Various ideas, such as electing alternates which would involve modifying the Charter, were discussed and discarded. Use of alternates would preclude continuity.

The Secretary was instructed to issue a "quorum call" when notifying members of meetings where necessary. No further action was taken.

Dr. Schubel had suggested earlier at the last Annual Meeting, that the Charter in its present form lacked continuity, a condition deriving from amendments to various sections without attention to the whole. The Secretary was directed to improve the language.

3. Research Submersible Facility Requirements Study. The Secretary reported on the status of the study. The grant has not yet been officially made to L-DGO so the proposed P.I., Dr. W. Ryan, has not commenced the project. Six members of the Task Force have been appointed, but the chairman is not yet appointed. The Secretary was directed to obtain curriculum vitae on two members of the Task Force for use by the Executive Committee. Seven members of the Science Assessment Panel have agreed to serve, but have not yet received appointment letters. Dr. J. Corliss has agreed to be chairman; Dr. F. Grassle has accepted the position of liaison between the two panels.

4. Other.

a. Oceanographic Equipment Workshop Report. The Secretary stated the report entitled, "Basic Minimum Scientific Support Capabilities for UNOLS Vessels: Supply, Operation and Maintenance" has now been made final as far as the workshop co-chairmen are concerned. They met at Woods Hole June 7-8 to consider individual comments and institutional responses.

Tables indicating the cost of implementing, where necessary, the recommendations on a vessel-by-vessel basis are yet to be developed. These can be inserted later.

The Council decided to secure approval of the report from UNOLS' members as soon as possible, rather than wait for the next Annual Meeting. Capt. Treadwell will write a memo to transmit the report and request approval of same.

b. Technology Assessment Committee. This Committee will be appointed by the UNOLS' Chairman and it is to be responsible to the Council. Two concerns were raised. Capt. Treadwell was not in favor of its having a separate budget. Expenses relating to travel would be paid by UNOLS, however, as is done with other committees. The Council agreed. Mrs. Toye suggested that if further support were required, e.g. the preparation of a wire maintenance manual, then a separate proposal could be submitted to NSF.

The second concern was with the lack of scientific oversight on the Committee. After discussion of how best to deal with the situation, Dr. Rossby agreed to act as scientific overseer for one year.

c. Miscellaneous Trips. The Secretary had been asked to consider supporting two unrelated trips. Dr. R. Mesecar and Mr. F. Evans, both of OSU, plan to visit W.H.O.I. in mid-August to demonstrate their conception of the ship parameter network which found some favor at the recent equipment workshop. Questions have arisen concerning its design and application among several W.H. staff. Others from L-DGO and URI will probably attend at their own expense.

As is generally known, the Navy Bureau of Inspections & Survey is undertaking to inspect the AGOR-3 class vessels. It is the desire of the Office of the Oceanographer to have a consultant, Cdr. S. Applegarth, attached to the inspection team. Results of the inspections will be available to NSF and UNOLS and will be useful when decisions are made concerning their future disposition. The Navy has stated costs associated with the Commander's trips will be reimbursed.

In as much as both trips were deemed to be in the interest of UNOLS and NSF, the Council approved both, but cautioned the Secretary not to act on such requests unilaterally in the future. Dr. Mesecar was to be instructed to produce a written report of the Woods Hole meeting suitable for distribution to others interested but unable to attend.

d. Office of Technology Assessment (OTA). A study of Ocean Research Technology by OTA's Oceans Program has been initiated. The Secretary circulated the OTA Staff Planning Paper dated 2 July 1979 to Council members in the event they wished to comment on the study's approach, as suggested by OTA.

e. AGOR Manning. Capt. Treadwell was not optimistic that the USCG would ease the AGOR manning requirements if approached as favored by some members of RVOC. He felt, as do others, that if any progress could be made at all the best method would be to ask the Navy to consider modifying charter party agreements. The Council agreed and the Chairman will so do.

f. SNAME 1980 Meeting. NSF had been requested to sponsor in part the Spring meeting of the Society of Naval Architects & Marine Engineers. The theme of the meeting will be "Safety and the Marine Environment." NSF, in turn, suggested that UNOLS consider support of the meeting. Capt. Treadwell read an incomplete list of submitted titles to the Council. Most appeared to have little bearing on the areas of safety that users of oceanographic vessels are concerned with. By a vote of 6 to 3 the Council decided not to support the meeting at this time. Capt. Treadwell will prepare a reply to NSF.

5. Fleet Assessment. This item accounted for the bulk of the meeting time. As planned at the Council's last meeting Drs. Anderson, Fisher, Keller and Capt. Treadwell met the day before to consider the data previously received from Member Institutions regarding their funding picture for 1980.

The results of their exercise were put before the Council. Certain basic assumptions were made as follows: The 1980 model was presented the worse case, i.e. only projects requiring ship time that were funded or certain to be were considered; no vessel was a "sacred cow"; the 1980 fuel estimate was put at double the cost for 1979. Projected savings by layups were based on a one-year layup saving 80% of the total year's cost, 1/2-year layup saving 35%, and 1/4-year layup effecting a 15% saving.

During considerable discussion in which suggestions as to how to minimize the effect of layups on one-vessel institutions, the model's projected deficit ranged from approximately \$8M for the worst case down to approximately \$3.5M, for a somewhat more optimistic picture. It was noted by Mrs. Toye the fact that an institution had but one vessel was not an important factor regarding its support as far as the Foundation is concerned.

Dr. Anderson polled all present for their views on the version finally arrived at. This resulted in a few additional alternatives. The final version, based on data received from member institutions themselves, as of 1 July, will be circulated to Members by Capt. Treadwell. It is included here as Attachment II.

Discussions touched on other areas which will see greater development next year. These included new evidence of cooperation in scheduling, e.g. cooperation between Oregon and Washington, Miami and Texas A&M, and Rhode Island and Woods Hole. Another was scheduling "within a class", an untried concept.

It was generally felt the community was owed some statement based on data submitted as of July 1 and that this statement would serve to alert all operators to the continuing deficit for 1980 and beyond. Any figures should highlight the fact that \$2.5M are "eaten" at the outset by the dropout of ALPHA HELIX and GILLISS.

ACTION: *It was agreed to send to all operators the following items:*

- *A possible layup plan or model as developed and modified by this meeting*
- *A listing of the data supplied by the institutions themselves upon which the model was based*
- *An explanation of the shortfall figure used, emphasizing dropout at the outset of ALPHA HELIX and GILLISS*
- *The figures re support in the table below*

6. Fleet Support. Mrs. Toye, in her capacity as consultant to the Office for Oceanographic Facilities and Support, presented the following table which will be included in the action taken above.

	<u>1978</u>	<u>1979</u>	<u>1980</u>
	Est. @ 10/78	Actual	Requested by Insts.
NSF	\$ 16,800K	\$ 16,486K	\$ 19,160K (Incl. DPP)
ONR	2,308	2,621	3,600
DOE	849	611	1,488
BLM	386	222	133
USGS	483	683	1,139
NOAA	222	197	107
NAVELEX	995	1,275	1,115
EPA	48	12	32
NASA	3	169	--
State/Inst.	370	597	790
Private	137	283	227
NORDA	--	124	--
JOI, Inc.	--	--	395
	<u>22,601 (1)</u>	<u>23,280 (2)</u>	<u>28,186 (3)</u>

NOTES:

- (1) "Hybrid" figures, taken from proposals, etc.
- (2) From 1980 proposals, Sect. 8, Tbl. 1B
- (3) From 1980 proposals, incl. fuel inflation est. Note funds are not requested for ALPHA HELIX and GILLISS

Meeting adjourned at 1410, 3 August 1979.

Upcoming Meeting Dates

3-5 October, Eastern Pacific Oceanic Conference (EPOC), L. Arrowhead, CA
 15 October, Possible 1980 R/V Schedule Review, NSF, Wash. D.C.
 23-24 October, RVOC, Nimitz Marine Facility, S. Diego, CA
 10-12 Sept., Ocean Policy Committee, Workshop on Coordination of International
 Oceanographic Research, Marine Science Center, Newport, OR
 25-27 Sept., NSF/OFS Ship Operations & Related Proposal Reviews
 15-16 November, Advisory Council, VIMS, VA
 28-29 February, Advisory Council, UCSB, CA
 15-16 May, UNOLS Annual Meeting, Wash. D.C.

Thomas Steson
 Executive Secretary
 UNOLS

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AGENDA

0830, 2-3 August 1979
Oregon State University, Marine Science Center
Newport, Oregon

1. Accept Minutes of Previous Meetings
2. Discussion of Possible Charter Revision Re Attendance
3. Progress Report on Research Submersible Facility Requirement Study
4. Other
 - a. Oceanographic Equipment Workshop Report
 - b. UNOLS Technology Assessment Committee
 - c. Miscellaneous Trips
 - d. Ocean Research Technology Study by the Office of Technology Assessment
 - e. AGOR Manning
 - f. UNOLS Sponsorship of the SNAME 1980 Spring Meeting
5. UNOLS Fleet Assessment
6. Fleet Support