

Approved August 27, 28, 1981

UNIVERSITY - NATIONAL OCEANOGRAPHIC LABORATORY SYSTEM

A/c Mtg.
@ WHOI

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, May 27, 1981
Room 1104, Park Central Hotel
Washington, D.C.

GENERAL: The meeting was called to order by G. Anderson at 2040 hours. The agenda is appended as Attachment I.

Those present were:

G. Anderson	* * * *
J. Martin	R. Corell
C. Miller	K. Kaulum
B. Robison	G. Keller
W. Ryan	R. La Count
W. Sackett	J. McMillan
D. Spencer	T. Stetson
T. Treadwell	
J. Zeigler	

1. ADOPT MINUTES OF LAST MEETING: The minutes of the Advisory Council Meeting of 26-27 February 1981 at TAMU were adopted by voice vote as written.

2. REVIEW SEMIANNUAL MEETING AGENDA: The Semiannual Meeting agenda is included here as Attachment II. The numbered items below refer to that agenda.

May 28 (6) The Technology Assessment Committee (TAC) is losing a member. TAC is to submit nominations to the Council by June 15th. In turn, the Council will reach a decision by June 30th which will be relayed to the membership. *G. Anderson agreed to contact TAC's Chairman regarding this matter.*

The Council was reminded to send all comments on the draft report

Oceanographic Research Cruises promptly to Capt. R.E. Williams (TAC member) at University of Washington, Department of Oceanography WB-10, Seattle, WA 98195. TAC's next meeting will be held July 7-8 at NSF. Drs Miller, Robison and Spencer are all available and one will attend as scientific overseer, representing the Council.

May 28 (8) It was anticipated that this item, dealing with the funding outlook, would be addressed by J. McMillan (NSF), K. Kaulum (ONR), R. Rowland (USGS).

May 28 (9) On the subject of assessment of R/V's research capability, R. La Count suggested the Advisory Council should be studying this problem. T. Stetson had incorporated the comments of the Council's February meeting into the draft Research Cruise Assessment form. This was sent to 36 chief scientists who were, or recently had, used UNOLS vessels last March. By this meeting 27 replies had been received. Almost without exception they were positive. The few negative responses came from chief scientists who had lost time to weather, "down" computers, or chief scientists who had used vessels not of their preference.

The secretary was requested to transmit copies to NSF and ONR as well as to the vessel operator.

May 29 (5-8) Regarding the Nominating Committee's slate for committee member replacement, there was a strong feeling that the entire Council should see it well before the semiannual meeting. *The secretary agreed to see that this will be done.*

May 28 (5) The ALVIN Review Committee (ARC) had reviewed the draft Submersible Science Study (S³) report prior to their April meeting. At that time a smaller group was detailed to visit L-DGO where W. Ryan was directing this study. The concerns of both groups resulted in two substantive recommendations to be sent forward to the ALVIN funding agencies via UNOLS. These are included as Attachment III, and with additional background were available to the Council prior to this meeting.

A lengthy discussion developed on the pros and cons of recommending a UNOLS "mudboat", or larger craft such as KNORR or MELVILLE, for conversion to over-the-stern handling of ALVIN. *Motions were made to have the Chairman read recommendation one and then recommendation two to the membership tomorrow by C. Miller and B. Robison respectively. Both motions passed.*

3. USE OF ISOTOPES ON UNOLS VESSELS: An outcome of a recent meeting, chaired by N. Anderson, Program Director, Marine Chemistry, NSF, was that UNOLS should set up a committee to formulate recommendations restricting the use of isotopes, at least on KNORR & MELVILLE. These vessels were, and may be still, ideal for low-level C₁₄ measurements which geochemists wish to make.

It was noted Scripps was near a total ban for MELVILLE, but D. Spencer reported W.H. was not in favor for such on KNORR. Formulation of any policy will await the outcome of a swab survey on both ships currently being conducted by G. Ostlund (RSMAS).

4. 1990 FLEET: B. Robison stated that in the Ocean Science Board's current study of the fleet it is noted six large vessels will approach the end of their useful lives. This is a matter UNOLS should address, and is expected to engage the (new) Council.

5. GLOBAL POSITIONING SYSTEM: Recent developments noted by W. Ryan may drastically alter its usefulness to the military and, as a result, to the civilian sector. If TAC is not already aware of these events they ought to be, as it will affect navigation equipment recommendations they are expected to make.

The secretary will ensure this is done.

Adjourned 0025, 28 May 1981

Thomas Stetson
Executive Secretary
UNOLS

Upcoming UNOLS Meetings:

21-22 July Technology Assessment Committee, NSF, Washington, D.C.

27-28 August Advisory Council, Woods Hole, Mass.

TS:1m

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ADVISORY COUNCIL MEETING

27 May 1981, 2030 hours
Room 1104, Park Central Hotel
Washington, D.C.

AGENDA

1. Adopt Minutes of 26-27 February 1981 Meeting at TAMU
2. Review of Semiannual Meeting Agenda
3. Use of Radioisotopes on UNOLS Vessels
4. 1990 Research Fleet
5. Global Positioning System
6. Other

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SEMIANNUAL MEETING

AGENDA

0900 THURSDAY MAY 28, 1981, COSMOS CLUB AUDITORIUM
2121 MASSACHUSETTS AVENUE, WASHINGTON, D.C.

1. INTRODUCTION & WELCOME- CAPT. T. K. TREADWELL, CHAIRMAN, UNOLS
2. GUEST SPEAKER: DR. JOHN V. BYRNE, MARINE SCIENCES IN THE '80S
3. THE OCEAN SCIENCES BOARD FLEET STUDY- A PROGRESS REPORT, DR. MICHAEL M. MULLIN, UCSD
4. REPORT BY DR. GEORGE C. ANDERSON, CHAIRMAN OF UNOLS ADVISORY COUNCIL
5. ALVIN REVIEW COMMITTEE- REPORT BY DR. ROBERT W. CORELL, CHAIRMAN
6. TECHNOLOGY ASSESSMENT COMMITTEE- REPORT BY MR. CONSTANTINE D. TOLLIOS, CHAIRMAN
Discussion by the membership is invited
7. INTERNATIONAL POST CRUISE OBLIGATIONS- A PAST YEAR OVERVIEW, MR. WILLIAM A. ERB, DEPT. OF STATE
8. OUTLOOK FOR FY1982/1983 SHIP SUPPORT- FORCASTS BY FEDERAL FUNDING AGENCIES
9. REVIEW MECHANISMS FOR ASSESSING SHIPS' RESEARCH CAPABILITY, NAVY & NSF REPRESENTATIVES
10. OPTIMUM SCHEDULING OF LARGE UNOLS VESSELS & OTHER CONCERNS
Dean William S. Gaither, U. of Delaware

1200-1400

LUNCH BREAK

OPEN

11. PROPOSED TELEMAIL NETWORK- DR. DEREK W. SPENCER, W.H.O.I.
12. A CRUISE OPTIMIZATION PROGRAM- MR. WADSWORTH OWEN, U. OF DELAWARE
13. OTHER TOPICS
This is an opportunity for representatives of research institutions as well as individual scientists and Federal officials to raise and discuss matters of interest to the meeting
14. EAST-WEST REGIONAL SCHEDULING SESSION
 - *The ship scheduling session is an informal meeting for UNOLS members to meet, compare and discuss problems associated with 1982 ship schedules*
 - *The session is open to all persons interested and especially to scientists who have ship time needs in 1982 or 1983 and wish to present their needs to operators*
 - *Preliminary ship schedules have been developed by UNOLS Members and collated sets will be available*

UNOLS BUSINESS MEETING

0830 FRIDAY MAY 29, 1981, COSMOS CLUB AUDITORIUM

1. UNOLS OFFICE SITE & EXECUTIVE SECRETARY REPLACEMENT COMMITTEE
2. UNOLS - A MEMBER SUPPORTED ORGANIZATION?
Dean William S. Gaither, U. of Delaware
3. AMENDMENT OF CHARTER
Concerning Attendance by Advisory Council Members
4. ADOPT RE- ISSUE OF RESEARCH VESSEL SAFETY STANDARDS
5. ELECTION OF CHAIRMAN & VICE CHAIRMAN
6. ELECTION OF THREE MEMBERS TO THE ADVISORY COUNCIL
7. APPOINTMENT OF THREE MEMBERS TO THE ALVIN REVIEW COMMITTEE
8. APPOINTMENT OF ONE MEMBER TO THE TECHNOLOGY ASSESSMENT COMMITTEE
9. OTHER BUSINESS THAT PROPERLY MAY COME BEFORE THE MEETING

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ALVIN REVIEW COMMITTEE

- I. Recommendation: The UNOLS ALVIN Review Committee recommends that UNOLS commission an engineering study of existing UNOLS vessels to determine:
- 1) Feasibility of conversion including prioritized recommendation of best ships presently in fleet.
 - 2) Structural work that would be required to convert candidate ships on priority list.
 - 3) Estimated cost of conversion.
 - 4) Estimated time required for ship modification.
- II. Recommendation: The UNOLS ALVIN Review Committee recommends to UNOLS that at the same time as the commissioning of the engineering study that a letter of intent be sent to NSF and a proposal team be established at WHOI to formulate the proposal. This proposal should include the following plan:
- 1) Refit UNOLS ship to become dedicated ALVIN support vessel.
 - 2) Construct single-point ALVIN pick-up and A-frame launch/retrieval system.
 - 3) Appropriate outfitting of the support vessel so that it can serve as a "stand alone" dedicated submersible science system.