

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, January 24-26, 1979

- I. 1930, Wed., Jan. 24, Captain's Table Rm., Hotel La Valencia
- II. 1400, Thurs., Jan. 25, Rm. 114, Scripps Bldg., SIO
- III. 0830, Fri., Jan. 26, Rm. 114, Scripps Bldg., SIO

GENERAL: Attendees at the three sessions are listed in Attachment I. The Draft Agenda was adopted with additional items treated under paragraph 11. Other. The agenda is Attachment II.

1. Minutes of November 2-3, 1978 Meeting. These Minutes were adopted with a minor correction to item 6 (c).

2. UNOLS Submersible Science Facilities Study. Deferred to Session II, Dr. R. Corell, ALVIN Review Committee Chairman, reviewed the background of the projected study and discussed the functions and interaction of the project office, science assessment panel and task force. The final draft of the proposed study has been sent to all representatives of UNOLS institutions.

An appeal to host the project office has been made to all UNOLS institutions. Several have indicated preliminary interest: Florida Institute for Oceanography, L-DGO, RSMAS, TAMU & USC.

Although the study will be funded jointly by NSF, ONR & NOAA, institutions will direct their proposals to NSF.

It was noted the Ocean Sciences Board (OSB) has established an *ad hoc* committee* to evaluate the Ocean Lab project. The study includes both manned and unmanned submersibles. Material developed by this committee is to be available to the UNOLS submersible science study.

Motion. A motion was passed to proceed with the study.

Action. The Advisory Council will be canvassed by means of a ballot listing some 25 names, with instructions that others may be added, for nominations for the science assessment panel. The ALVIN Review Committee will be canvassed for nominations for the task force.

*Committee Members are: F. Spiess (Ch), W. Bascom, R. Colwell, J. Craven, R. Grigg, G. Keller, Wm. Ryan

3. Charter Review Committee. A Charter Review Committee had been set up earlier consisting of Drs. J. Schubel, Chairman; G. Keller, A. Richards, and W. Ryan. Dr. Schubel prior to this meeting circulated certain proposed Charter amendments. See Attachment III.

The following motions were passed by the Council. The next step will be to circulate the Charter with proposed amendments for consideration by UNOLS institutions well prior to the Annual Meeting.

I. Member and Associate Member Criteria.

Statement: Criteria for both categories of membership are vague in present Charter.

Proposal: The meaning of the word "significant" is vague and varies with interpretation of readers. It is proposed to delete it from the text and to set a minimum facility federal support level.

Motion: *That the present criteria for Member and Associate Member Institutions be amended as proposed. (See Attachment III, Section I.)*

II. Elections

Statement: The wording re Nomination Committee is vague regarding apportionment between Member Institutions and Associate Institutions.

Proposal: That the present wording be amended to indicate two shall be drawn from Member Institutions and one from an Associate Institution.

Motion: *The present wording be amended as proposed. (See Attachment III, Section II.)*

III. Election of Advisory Council Members

Statement: It is deemed advisable to broaden the category of Associate Member Institution from which candidates for the Advisory Council may be drawn. Several Associate Member Institutions represent groups of public and/or private institutions and UNOLS should be able to draw from allied institutions for candidates to represent Associate Members on the Advisory Council.

Proposal: To add such a proviso.

Motion: *That Section 4 (b) be amended by the addition of the phrase "or other non-member institution" after the first sentence (p. 3 current Charter).*

Statement: Candidates for the Advisory Council, regardless of whether from Member or Associate Member Institution, are voted on only by Member Institutions at present.

Proposal: That candidates from Member Institutions continue to be elected by a single majority of Member Institutions, but that representatives of Associate Member Institutions be elected by simple majority vote of Member and Associate Member Institutions.

Motion: That the wording proposed by Dr. Schubel implementing this change be adopted as written. (See Attachment III, Section III.)

4. AGOR Manning Committee's Report. For the past several months a committee of AGOR operators headed by J. Gibbons, RSMAS, has been studying the options re AGOR manning requirements. The report, transmitted to Captain T.K. Treadwell, cites several factors encountered in AGOR operations. Some of these are: inability to attract and hold U.S. citizens to our operation, low vessel tonnage places restriction on ability to upgrade licenses, a general shortage of licensed and certified personnel for inspected vessels, our inability to compete in the market, etc. From the study it appears only two solutions are viable:
a) Relief from regulations via USCG waivers or public vessel status and
b) increased benefits. The report states neither course is attractive: the first has been attempted on an institutional basis without much success, the second will have a ripple effect throughout the fleet.

The Council makes no recommendation at this time, but views with alarm the worsening situation. Captain Treadwell agreed to transmit copies of the report to institutional representatives at Lamont, Miami, Scripps, Washington, and Woods Hole, all being AGOR operators.

5. SATNAV Coverage. Six institutions responded to a November 1978 request by the Executive Secretary for comments on the lack of satellite cover in the tropical Pacific and Indian Oceans. Of these a small, but significant, number reported some degree of problem. After some discussion, it appeared the best that might be done would be to prepare a letter recognizing the present TRANSIT system's value to past, present and future projects and that clustering is causing unequal coverage in the areas mentioned above, and that additional satellites would help.

It was agreed the Chairman of UNOLS would write such a letter after contacting ONR for information as to who that person should be and ascertaining whether it would be a productive course to pursue.

It is noted RVOC passed a resolution affirming the value of the TRANSIT system at their last Annual Meeting. This was transmitted to Dr. J. Worzel, University of Texas.

Subsequently, it was learned that if the \$1m required to launch an additional "bird" was forthcoming, the Navy would also be interested in utilizing it for some of its programs.

6. Committee Membership. In accordance with the Charter and projected change thereto, a Nominating Committee will be appointed by Captain T.K. Treadwell. This committee will receive candidates' names and formulate a slate to place before the Annual Meeting. There are two members of the Advisory Council whose terms are expiring; the chairman and vice-chairman of UNOLS are annually elected.

Suggestions for replacements on the national facilities' Review Committees will also be solicited.

7. Oceanographic Equipment Workshop. Copies of the invitation and background material were distributed. Dr. R. Barber gave a brief update on progress. Some 80 names had been submitted to the chairmen (Barber, Gerard, Spencer) and approximately 30-35 had been contacted including industrial representatives. The Workshop is to be held 26-28 February 1979 at TAMU.

A preliminary report is to be prepared immediately following and circulated to all interested parties for comments.

8. New Approaches to Planning & Facilities Support. Dr. Wm. Gaither, U. of Delaware, requested time to present an update on the Atlantic Off-shore Users Program which developed from workshops at the U. of Delaware in May and September 1977. Dr. Gaither would like to see a blend of federal and state plans meshed with industrial needs and academic expertise. He believes it would be in the enlightened self-interest of UNOLS to take this plan seriously. Three volumes exist detailing the workshops and are available from Dr. Gaither. It remained unclear to the Council whether industrially supported research would be creditable in some quarters, whether the plan would attract the best scientists, what degree of control could be maintained once started, as well as uncertainty as to extent of "grass root" support within the community.

9. Ship Forecast Meetings. The Council feels these are basically worthwhile but took no action to schedule at this time. The secretary will sound out the community. [One was subsequently held in Washington, D.C. March 23, '79.]

10. Ship Operations & Related Problems. Dr. D. Frankenberg, NSF/OCE Director, was present to discuss the implications of the figures below on operations past, present and future.

	FLEET FUNDING (\$M)								
	1973	1974	1975	1976	1977	1978	1979	* 1980	1983
\$ Available	16.9	18.2	19.7	19.8	21.9	22.8	22.2	23.0	29.0
\$ Needed	16.9	18.5	20.4	22.3	23.8	24.5	26.4	29.0	37.0
Shortfall	0	.3	.7	2.5	1.9	1.7	4.2	~6.0	~8.0
Result, see note below		(1)	(1)	(1,2)	(3,4)	(1)	(1)	?	?

Notes: (1) Layup(s) (3) AGASSIZ out
 (2) TRIDENT out (4) ENDEAVOR, 1/2 yr. operation

Dr. Frankenberg pointed out OFS's mission is to provide safe, well-equipped facilities and that the number supported shouldn't exceed needs. Some excess capacity is justified at times to provide flexibility. A possibility exists NSF's Division of Polar Programs might be able to utilize some vessel time: it bears looking into.

Dr. Frankenberg made an urgent plea to the Council to take the continuing deficit seriously and plan for a rational fleet reduction. A plan must be drawn: the question is who will do it.

Considerable discussion developed on the fleet management concept vs. institutional point of view. The suggestion was made that earlier decisions on science support would lead to more rational schedules; Dr. Frankenberg countered this by pointing out the practice of recent years has been that of repeated submissions of revised proposals.

Dr. H. Bezdek said, "Given a fixed budget, ONR is faced each year with decisions involving science vs. facility support."

Dr. Gaither suggested UNOLS look into a legislative change to PL-480, to allow funds to be of a more direct benefit.

11. Other

(a) Annual Meeting. The meeting is set for 17-18 May (National Academy of Sciences, Constitution Avenue). Captain Treadwell agreed to invite the Honorable Don Fuqua, Chairman of the House Committee on Science & Technology, to speak the first day.

(b) NSF/OFS Institutional Oceanographic Equipment Review. Dr. Keller requested more detailed results of last Spring's site reviews at UNOLS institutions than had been made available to date. Miss Johrde replied that the intent of the review was not to critique individual institutions per se or to prescribe equipment management systems and that the upcoming Oceanographic Equipment Workshop at TAMU hopefully would lead to the development of recommendations from the community on the management of equipment.

(c) At a session attended only by Council members, from 1335, January 26 until adjournment, consideration was given the earlier requests by Drs. Frankenberg and Bezdek that Council address the ship operations deficit problem.

Considering the short time within which a report was desired it was decided that the Council would attempt to outline various options, procedures, and assessments required to adequately define and evaluate the overall shortfall problem on a long-term basis. It was not considered advisable for this group in such a short period to even attempt to recommend solutions to the problem but rather to point various factors that needed to be considered in a detailed analysis of the matter. Various charges were made to Council members, with submission of their response to Dr. Keller within two weeks.

Noted was the fact that JOI Inc. will meet 5 April in Houston, where consideration of the same problem will take place, Dr. Keller will attend.

Meeting adjourned at 1720.

Thomas Stetson
Executive Secretary
UNOLS

ADVISORY COUNCIL MEETING ATTENDEES

January 24, 1979

*Anderson, George C.
 *Barber, Richard T.
 Erb, William
 *Fisher, Robert L.
 Frankenberg, Dirk
 Johrde, Mary K.
 Kaulum, Keith
 *Keller, George H.
 *Martin, John H.
 *Richards, Adrian
 Rowland, Robert
 *Ryan, William B.F.
 *Schubel, Jerry
 Stetson, Thomas
 Toye, Sandra D.
 *Treadwell, T.K.
 *Zeigler, John

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U/MA
 Duke
 DOS
 SIO
 NSF
 NSR
 OSU
 MLML
 Leigh
 USGS
 L-DGO
 SUNY, L.I.
 UNOLS
 IGF
 TAMU
 VIMS

January 26, 1979

Anderson, George
 Barber, Richard T.
 Bezdek, Ilugo
 Byrne, John
 Cronyn, LCDR Brian S.
 Erb, William
 Fisher, Robert L.
 Frankenberg, Dirk
 Gaither, William S.
 Johrde, Mary K.
 Kaulum, K.W.
 Keller, George
 Martin, John H.
 Richards, Adrian
 Ross, D.A.
 Rowland, Bob
 Ryan, William B.F.
 Schubel, Jerry
 Shor, G.G.
 Stetson, Thomas
 Talwani, M
 Toye, Sandra D.
 Treadwell, T.K.
 Wright, CDR Julian M.

OSU

WHOI

SIO

L-DGO

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January 25, 1979

Allen, Steve
 Anderson, George
 Barber, Richard T.
 Bezdek, Ilugo
 Boatwright, Victor
 Busch, Wm. S.
 Corbell, Robert
 Cronyn, LCDR Brian Sullivan
 Fisher, R.L.
 Frankenberg, Dirk
 Gaither, William S.
 Johrde, Mary K.
 Keller, George
 Martin, John H.
 Richards, Adrian
 Ryan, William B.F.
 Schubel, Jerry
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 Treadwell, T.K.
 Umbach, Jerry
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 Zeigler, John

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ADVISORY COUNCIL MEETING

24-26 January 1979

In Three Sessions

- I. 1930, Wed. 24 Jan. La Valencia Hotel, Captain's Table Rm.
- II. ASAP After Dedication, Thurs. 25 Jan. SIO, Scripps Bldg. Rm. 114
- III. 0830, Fri. 26 Jan. SIO, Scripps Bldg. Rm. 114
Friday luncheon provided

DRAFT AGENDA

1. Adopt Minutes of 2-3 November 1978 Meeting
- Minutes are enclosed.
2. UNOLS Submersible Science Facilities Study
- Dr. R. Corell, Ch. ALVIN Rev. Comm.
3. Report of Charter Review Committee
- Dr. J. Schubel, Ch.
4. Recommendations of RVOC's AGOR Manning Committee
- Written report should be available at meeting.
5. JOI's Request for Council Support Re Satnav Coverage
- See Operators' responses enclosed.
6. Consideration of Committee Membership
- For Advisory Council, appoint Nominating Committee.
- For Facilities' Review Committees, suggest candidates.
7. UNOLS' Oceanographic Equipment Workshop, Update
- Dr. R. Barber
8. New Approaches to Oceanographic Planning & Facilities Support
- Dr. Wm. Gaither
9. Consideration of Ship Forecast Meetings
- These meetings should be scheduled.
10. Ship Operations & Related Problems
- Dr. D. Frankenburg (NSF/OCE) et al
11. Other

NOTES

- a. *The Council is invited to attend NEW HORIZON dedication ceremonies 1000, 25 Jan. 79, at SIO's Marine Facility.*
- b. *The Chairman has scheduled an executive session late Friday, following close of regular session, and requests Council members' attendance.*
- c. *Background material is not enclosed for "info. only" recipients.*

26 Dec. 78

UNIVERSITY - NATIONAL OCEANOGRAPHIC LABORATORY SYSTEM

Changes Proposed by Advisory Council to UNOLS' Charter

I. A motion was passed recommending the following change to 2.(e) para. (1) p. 2 of current Charter:

(1) Member Institutions operate seagoing oceanographic research facilities for academic purposes, for which the majority of the funding comes from the federal government. These facilities are regularly available to users outside of the operating institution when funding is provided by the sponsor of the intended research or by the user. Institutions will normally be expected to show evidence of three or more years of continuous operation of shared research facilities in order to qualify for Membership. Election as a UNOLS Member Institution will be... [continue as in current Charter].

A motion was passed recommending the following change to 2.(e) para. (2) p. 2 of current Charter:

(2) Associate Institutions. Academic institutions which conduct graduate level research and instructional programs in the marine sciences and which use on a recurrent basis, but do not necessarily operate, seagoing oceanographic facilities for academic purposes are eligible for election as UNOLS Associate Institutions. Election as UNOLS Associate will normally be done after submission... [continue as in current Charter].

A motion was passed recommending the following change to 3.(c), p. 3 of current Charter:

II. 3. Elections

(c) A Nominating Committee consisting of three individuals, two from UNOLS Member Institutions and one from an Associate Institution will be appointed by the UNOLS Chairman to consider the nominations... [continue as in current Charter].

Circulated to entire
Membership 20 March 1979
with current Charter.

III. A motion was passed recommending the following change to 4.(b), p. 3 of current Charter:

4. UNOLS Advisory Council

(b) The Advisory Council shall be comprised of eight members, five of whom will be from Member Institutions and three from Associate Institutions or other non-Member Institutions. No more than one member will serve from any one institution. Members will be elected for three-year terms with no limitation on the number of terms. Vacancies occurring during the year shall be filled at the next Annual Meeting.

Election of representatives of Member Institutions to the Advisory Council shall be by a simple majority vote of UNOLS Members present or by proxy, if absent. Representatives of Associate Member Institutions or other non-Member Institutions shall be elected by a simple majority vote of UNOLS Member and Associate Member Institutions present or by proxy, if absent.

If the above is approved, then it follows paragraph 10.(a), p. 6 of current Charter shall be made to read:

10. Voting

(a) *Except in elections to the Advisory Council, voting at all UNOLS meetings and on matters submitted by the Chairman through correspondence shall be on the basis of UNOLS Member Institutions, each being entitled to one vote.*

Circulated to entire
Membership 20 March 1979
with current Charter.