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WEDNESDAY, February 28, 0830, Room 301, Plenary Session 10 RE TAPED

Presentation and Discussion of Working Groups' Reports

- Scientific Instrumentation R. Mesecar
- Deck Operations A. Driscoll
- Ship Lab. Space & Facilities R. Schwartzlose
- Navigation and Communications C. Tollios

WEDNESDAY, 1330, Rooms 301, 302 and 308, Working Groups

Revision of Working Groups' Reports
And Submission of Final Draft

TUESDAY, February 27, 0830, Rooms 301, 302, and 308, Working Groups

Preparation of Draft Reports

I. SCIENTIFIC INSTRUMENTATION

R. Mesecar - Chairman

Specialists

- Computer - A. Bainbridge
- Analytical - R. Dugdale
- Electrical Gear - D. Webb
- Hydrographic - W. Nowlin
- P. Biscaye
- G. Latham
- C. Windisch
- K. Peal

II. DECK OPERATIONS

A. Driscoll - Chairman

Specialists

- Winches & Deck Handling - A. Driscoll
- Wire - R. Walden
- Cranes - B. Watkins

III. SHIP LAB SPACE & FACILITIES

R. Schwartzlose - Chairman

Specialist

- Electrical - R. Dimmock
- C. Windisch
- T. Schink
- R. Dinsmore

IV. NAVIGATION & COMMUNICATIONS

C. Tollitts - Chairman

- T. Rossby
- J. Gibbons
- G. Latham

- K. Leaman
- T. Royer
- J. Snodgrass

OBSERVERS:

- L. Clark, R. Elder, T. Forhan, M. Johrde, K. Kaulum
- T. Pyle, E. Silva, T. Stetson, S. Toye, S. Wilson

Handwritten notes: Mesecar, Driscoll

OC R...
57211

SCHEDULE OF SESSIONS

MONDAY, February 26, 0830, Room 301, Plenary Session *To BE TAPED*

Definition of General Scientific Requirements
Of Oceanographic Equipment Aboard Vessels

Dr Carl Cook

~~I.K. Treadwell, Ch. UNOLS~~

✓ R. Barber, Co-chairman

INVITED PAPERS

CHARGE TO WORKSHOP

WELCOME

Computers

✓ C. Tollitos

Data Logging

✓ K. Peal

Bottom Sounding & Geophysical Equipment

✓ C. Windisch *I. L. Rosenberg*

Hydrographic & Meteorological Equipment

✓ T. Rossby

G & G Bottom Sampling Gear

✓ G. Kellner

Heavy Biological Bottom Sampling Gear

✓ J. Staiger *Jack Musick*

Heavy Biological Mid-Water Sampling Gear

✓ P. Witbe *John Wormuth*

Analytical Techniques:

Nutrients

✓ R. Dugdale

Other Inorganic

✓ A. Bainbridge

Organic

✓ J. Whelan

Moored Instrumentation

✓ C. Moers

Coaxial Cable Instrumentation

✓ P. Lonsdale

Free Deployed Instrumentation

✓ D. Webb

WORKSHOP LOGISTICS

When and Where To Go

The workshop will be held in rooms 301, 302, and 308 of the Rudder Tower, University Center, Texas A&M, College Station, Texas. The first session will commence at 0830 in room 301, on Monday, February 26.

Where To Stay

A block of rooms has been reserved at the Ramada Inn, 410 South Texas Avenue, (713) 846-8811. The quoted rate is \$21.65 per single per night including taxes. To ensure a reservation, please complete and return the preregistration form to UNOLS Office by February 12.

Getting There

Numerous connecting, through-fare flights are available to College Station's Easternwood Field from most major cities via Dallas or Houston. College Station is approximately 175 miles south of Dallas and 100 miles northwest of Houston. Rental cars are available, but see note below. A Ramada courtesy car is available from the airport to the motel and minibuses will be provided to shuttle participants between the motel and the campus.

Telephone

A telephone will be available in room 305 of the conference center for incoming and outgoing calls. The number is (713) 845-4923.

Reimbursement

The UNOLS Office will reimburse travel, room and board for all invited academic participants. Travel expense vouchers will be distributed at the Workshop. Participants should retain all receipts for submission with their vouchers.

If you have any questions, please write or call the UNOLS Office, c/o Wood Hole Oceanographic Institution, Woods Hole, Massachusetts 02543, (617) 548-1400 ext. 2352.

NOTE: The use of rental cars to and from College Station is strongly discouraged because of extreme cost. Full rental car reimbursement will be approved only when no other travel arrangements can be made or when three or more people share a car.

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1996-1997

1998-1999
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2002-2003

The four Groups should give special consideration not only to the definitions of Monday's presentations and Group discussions but also to working towards agreement on basic specifications and/or standards when such agreement will enhance efficient use of support funds and promote equipment compatibility or vessel capability. Attention should be given to community guidelines for procurement, management, maintenance, inventory and calibration schemes as well as shared-use procedures.

Group deliberations will result in a report as to how scientific requirements, described on Monday, can best be met within each of the four categories. These statements are to be submitted Tuesday P.M. for typing, reproducing and distribution Wednesday.

Representatives of Federal agencies are invited to select one of the Groups with which to participate.

Typing and Xerox facilities will be available from mid-afternoon on into the evening.

Wednesday 0830 - 1200 Plenary Session

The four Group Chairmen will present their reports.

Critique by assembly on each Group's findings will follow.

Wednesday 1330 Revision of Group Draft Reports

The four Groups will reconvene to revise draft reports as necessary, taking into account suggestions noted from the morning session.

Group participants are reminded their Group Chairman is charged with submitting a revised draft report before he departs; it is therefore, earnestly requested they render all possible aid, so that the task becomes a collective effort.

Following the close of the Workshop convening Chairmen, Barber, Spencer,

Gerard and others will meet to synthesize Group reports into a preliminary draft report. This will be distributed to all participants as well as invitees unable to attend, all UNOLS Members, Associate Members, RVOc and OSB Members.

Comments should be returned to the UNOLS Office no later than April 1, so the Advisory Council may have time to finalize a draft to place before the May UNOLS Annual Meeting.

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
5700 SOUTH CAMPUS DRIVE
CHICAGO, ILLINOIS 60637

RECEIVED
MAY 15 1964

TO: DR. J. H. GOLDSTEIN
FROM: DR. R. M. WAYMIRE

RE: POLYMERIZATION OF VINYL MONOMERS
IN THE PRESENCE OF CATIONIC
INITIATORS

The following information is being furnished to you for your information. It is the property of the University of Chicago and is not to be distributed outside your laboratory without the express written consent of the University of Chicago.

Very truly yours,
R. M. Waymire

Enclosed are two copies of a report on the polymerization of vinyl monomers in the presence of cationic initiators. The report is being furnished to you for your information.

If you have any questions concerning this report, please contact me at my office, 5700 South Campus Drive, Chicago, Illinois 60637.

Sincerely,
R. M. Waymire

cc: Dr. J. H. Goldstein
Dr. R. M. Waymire

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Members of Working Groups are expected to contribute to the Group discussion, participate in and assist their chairman in drafting a written statement expressing sense of their Group's discussion bearing in mind science needs. Each will discuss in detail, ship equipment and facilities required to meet the scientific specifications outlined on Monday.

Scientific Instrumentation
Deck Operations
Ship Lab Space and Facilities
Navigation and Communication

Attendees have been assigned to one of four working groups:

Tuesday 0830 - 1700 Working Groups

A twenty-minute presentation and discussion will be led by 13 invited speakers aimed at defining a basically equipped oceanographic research vessel. Within their area of expertise each speaker will review the present and near future use of shipboard instrumentation with particular emphasis on the ship capabilities required to support the instrumentation. These discussions will supply most of the specifications required for the working group discussions on Tuesday and Wednesday.

Monday 0830 - 1700 Plenary Session

Schedule and Detailed Assignments

- Generating community consensus on the definition of basic ship instrumentation capability, operation and maintenance
- Preparing estimates of the cost of achieving these basic capabilities in the 1980's fleet
- Producing a complete draft report for use by the Advisory Council in their final report to Federal funding agencies to assist them in formulating an orderly policy for equipment support

The objective of the Workshop is to improve the interface between the scientist and any vessel of the fleet. This we hope to accomplish specifically by:

Objectives

UNOLS vessel in terms of its instrumentation and supply guidelines for the operation and maintenance of the instrumentation. The report will be widely distributed within the community for comment on its content and a request for information on the extent to which UNOLS vessels currently meet the defined basic vessel. A final draft report will be ready for consideration by the membership at the UNOLS Annual Meeting in May.

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OCEANOGRAPHIC EQUIPMENT WORKSHOP

Background

There has been growing concern in the oceanographic research community about general inadequacies in the area of shipboard instrumentation and oceanographic equipment. Complaints range from insufficient funds in the program to the inability of existing equipment. Further problems of a different nature have been identified, such as the widely differing capabilities of research vessels even within the same size class, especially with regards to winches, cranes and wire. The procurement, inventory, maintenance, and management procedures vary widely at research institutions represented by UNOLS.

Accordingly, the UNOLS Advisory Council has undertaken to study these equipment related problems by means of a workshop to be held at Texas A&M University in late February, 1979. This workshop is to be sponsored by UNOLS with the cooperation of the Ocean Science Board (OSB) and Research Vessel Operators Council (RVOC). Co-chairmen are: Dr. Richard T. Barber, Dr. Derek W. Spencer, and Mr. Robert D. Gerard representing these organizations respectively.

Some preliminary work has already been undertaken. Early last year NSF's Office for Oceanographic Facilities & Support (OFS) undertook to evaluate the accomplishments of its shared-use equipment support program. Priority areas for this study included inventory, maintenance, utilization and management. Problems both at the recipients' end as well as OFS's were identified. The UNOLS' Office has compiled a baseline inventory of gear aboard members' vessels. RVOC through its equipment committee is delving deeper into such areas as wire, winches, cranes and electrical power regulation.

The results of these efforts, coupled with the results of this workshop will be utilized not only by OFS to redefine guidelines for the procurement, shared-use, maintenance, etc. of oceanographic equipment but also by the Advisory Council in a report eventually destined to reflect the community's recommendations to Federal funding agencies for their ultimate use in generating future budgets and an orderly policy for equipment support.

In early November, UNOLS Members and Associate Members were canvassed for nominations for workshop participants. Individuals with expertise in several areas of oceanographic equipment capabilities, handling and management were sought and from a list of 95 nominations, the co-chairmen selected and invited a group of 40. Where expertise appeared lacking, industry representatives were invited. Institutional representation was not a factor in selection, and too large a group was considered counterproductive. The workshop will produce a preliminary report which will attempt to define a basic



JANUARY 1979

Barber 919-728-2400
Gentry 914-359-2900
Spencer 2244

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| 1 | BACKGROUND |
| 2 | OBJECTIVES |
| 2 | SCHEDULE AND DETAILED ASSIGNMENTS |
| 4 | WORKSHOP LOGISTICS |
| 5 | SCHEDULE OF SESSIONS |
| 8 | INVITEES |
| 10 | MAP & LEGEND |

ANNOUNCEMENT

OCEANOGRAPHIC EQUIPMENT WORKSHOP
0830, FEBRUARY 26, 27, 28, 1979
RUDDER CONFERENCE CENTER
TEXAS A&M UNIVERSITY
COLLEGE STATION, TEXAS



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