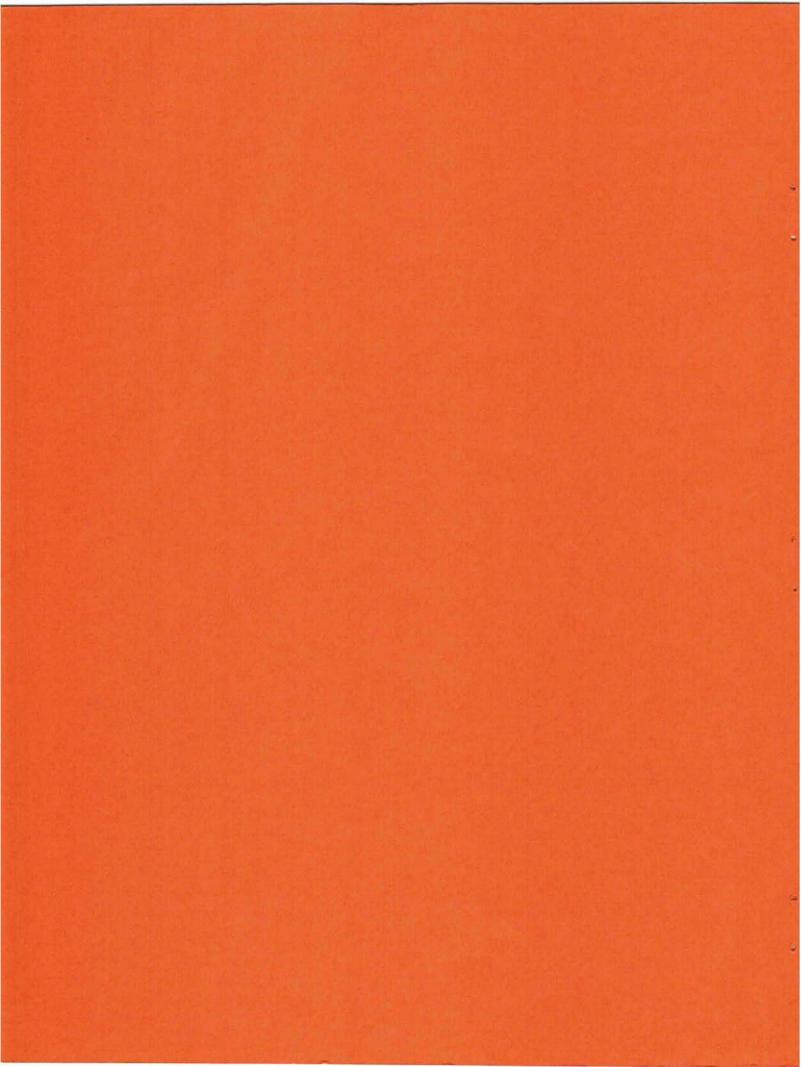
RESEARCH VESSEL OPERATORS' COUNCIL

1968 Transactions

Chairman - Term ends 1969 Jonathan Leiby Woods Hole Oceanographic Inst.

Secretary - Term ends 1970 Frank Bean University of Washington



INDEX

Page	0 = 2	Subject
i	Ag	enda
ii-iv	Sur	mmary of Meeting
v	Off	ice Holders 1968-1969
vi-vii	Mo	tions Carried
viii	Re	solution
1-11	Mi	nutes
12-16	Pe	rtinent Letters
17-18	Att	endees
19-23		oposed Changes to RVOC

Agenda for 1968 RVOC Meeting 15-16 February

Location: Scripps Marine Facilities Division, Pt. Loma, San Diego

Business Meeting-closed session. Thursday, 15 February

Agenda Revisions (if any) 9 a.m.

Chairman's Report 9-10 a.m.

Old Business - Membership By-Laws Review

New Business - New Programs, Next Meeting, etc.

Appoint Nominating Committee

10 a.m. Noon Report on Research Ship Construction

1. Ship requirements from laboratories-Leiby

2. Navy Small Ship program-Leiby & Silverman

3. Navy Ship Project Office-Silverman

4. NSF Ship Construction Plans-Silverman

Lunch

Elections and Changes to By-Laws 1:30 p.m.

Research Ship Regulations 2 p. m. -5 p. m.

Published Insp. Regs. (Subchapter U) due to 2-2: 30 p.m. become effective 1 March.

Draft Subchapter 10 (Proposed Regulations on 2: 30-5 p. m.

Licensing, Manning, Seamen's Laws & Piloting)

Details to be given at the meeting Dinner

Friday, 16 February

9 a.m. - 10 a.m. Salary Comparison-Silverman & Edwards

Fleet Support Programs 10-11 a.m.

Radio Communications & FCC Problems 11 - Noon

Lunch

A report by J. Snodgrass of SIO on new oceanographic 1:30 p.m.

radio frequencies

Information by Mr. Roach of Roach Engineering on 2:00 p.m.

Omega Navigation System

Unless further business requires. Scripps has 2: 15 p.m.

planned a tour of their marine facilities.

Details of Dinner Thursday night will be given at the meeting. A no-host gathering is planned at the Shelter Island Inn.

Summary RVOC MEETING 1968 15-16 February

at Scripps Institution of Oceanography Marine Facilities Division, San Diego

Thursday, 15 February

Chairman, Jonathan Leiby presiding

0915 Roll call--All member institutions represented except Gulf Coast Research Laboratory, Texas A & M, Virginia Institute of Marine Science.

Welcome by Jeff Frautschy

New Members introduced:

Ralph Lockwood Scripps
Frank Bean U. of Washington
Bruce Bowhay Hopkins Marine Station
A. H. Clough U. of Alaska
Gary Jayme NAVSHIPS
Stewart Nelson OON

Nominating Committee appointed consisting of Dick Edwards, Sam Gerard, Jim Gibbons and Pete Trapani.

Jon Leiby and Max Silverman

Report on Ship construction--Ship Requirements
from Laboratories.

Lunch

1330 Elections held: (All for 2-year term)

Frank Bean to be Secretary

Jim Gibbons to be Executive Committee member,

Southeast Section

Ellis Rittenhouse to be Executive Committee member,

Northwest Section

- 1400 Sam Guill and Jon Leiby

 Led discussion on Research Ship Regulations

 (Sub Chapter "U")
- 1430 Max Silverman and Sam Guill

 Led discussion on Proposed Regulations on Licensing,

 Manning, Seaman's Laws and Piloting (Draft Sub

 Chapter 10)
- 1630- Sam Guill
- 1730 Led discussion on problems of Public Vessels regarding customs clearance in entering foreign port.

Friday, 16 February

0930 Dick Edwards

Led discussion on salary comparison. Agreed to collate salary information and submit to members.

- 1000 Nick Carter and Bruce Reynolds

 Members of Scripps Marine Facilities Division, gave
 considerable information concerning capabilities of
 Scripps' Radio Communication System.
- 1100 Mr. J. Snodgrass of Scripps gave a fine talk on satellite navigation, new oceanographic frequencies and FCC problems.
- 1215 Lunch
- 1330 Change in By-Laws
 Pete Trapani, Max Silverman, and George Solli were appointed as a committee to work up recommended changes to the By-Laws.
- 1400 OMEGA Navigation-discussed by Mr. Roach of Roach Engineering
- 1420 Scripps Radio Station-Global
 Nick Carter and Bruce Reynolds discussed the Scripps
 Communication system (a continuation of their discussion in the morning) and gave valuable information
 to members who are trying to plan for more sophisticated
 communication ability in the future.
- 1500 Gary Jayme and Stewart Nelson continued the discussion on ship construction which was touched on by Jon Leiby and Max Silverman during the morning session 15 February.

This represented ship construction from the supplier point of view and aroused considerable interest by those who have hopes/plans for another ship. The outlook presented was not as grim as the previous discussion of this subject. Therefore, the meeting ended on a cheerful note at 1630 pm.

Office Holders 1968-1969

Chairman

Jonathan Leiby

Secretary

Frank Bean

Executive Committee

Chairman

Pete Trapani

NE

Sam Gerard

SE

Jim Gibbons

Gulf

Lewis Newton

NW

Ellis Rittenhouse

MOTIONS CARRIED

Thursday, 15 February

- Rules governing admission and dropping of members, as spelled out in the By-Laws, shall by followed.
- Jonathan Leiby is directed to approach non-active members, and if there is no further interest, drop them in accordance with By-Laws.
- 3. Nominating Committee for this meeting consists of:

Dick Edwards
Sam Gerard
Jim Gibbons
Pete Trapani

- 4 a. Action of Nominating Committee in 1967 is confirmed.
 - b. Nomination of following for two year term is confirmed:

Frank Bean - Secretary

Jim Gibbons - Southeast Section

Ellis Rittenhouse - Northwest Section

- By-Laws shall be held over until "tomorrow" to give opportunity for study.
- 6. The Chairman of RVOC is authorized to write to the Coast Guard (Captain Read) a letter, the contents of which will embody the same principles expressed by the University of Washington.

Friday, 16 February

- 7. By-Laws are to be tabled until 11: 30 this morning.
- 8. The membership accepts Dick Edwards' offer to collate the salary information and distribute it to the members in due course.
- 9. By-Laws will be considered at a subsequent meeting. In the meantime, the Chairman appointed the following committee to develop changes:

Pete Trapani Max Silverman George Solli

RESOLUTION

It appears that we would be prudent to establish a procedure to carry an appeal to any governmental agency or office that can intercede in our behalf. Accordingly, it is resolved that the following course of action relating to burdensome regulations be adopted or followed by the RVOC:

- The institution encountering a problem will detail the circumstances in a letter to the Chairman of the RVOC Regulations
 Committee.
- 2. The Regulations Committee and the RVOC Chairman will take the situation under advisement and, if in their opinion, they believe that RVOC should act in seeking relief, they shall attempt to obtain relief through discussion and/or negotiations with the agency.
- If relief is not achieved, the matter shall be referred to COLD by the Chairman, RVOC., who shall also inform the RVOC Exec.
 Committee.
- Further action by RVOC shall be approved by the Executive Committee.

MINUTES

Meeting opened at 9:15 a.m., February 15, 1968.

All members present except: Gulf Coast Research Laboratory,

Texas A & M, Virginia Institute of Marine Science.

Welcome to San Diego and Scripps by Jeff Frautschy.

Chairman J. Leiby, presiding.

New people attending for the first time were introduced: Ralph Lockwood (from Scripps), Bruce Bowhay, H. C. Clough, Frank Bean and Gary Jayme.

Mr. Trapani, Chairman of the Executive Committee, made a report of activities of his Committee. According to the By-Laws the Executive Committee is required to meet twice a year. The Committee last met in September 1967 to prepare the agenda, etc. for this meeting. Discussions covered the matter of leadership in RVOC and, in this connection last year, the matter of elections. Elections came at the end of last year's meeting and by that time practically everyone had departed. Therefore, it was necessary to take arbitrary action. Jonathan Leiby agreed to serve two more years, Ellis Rittenhouse for another year and Pete Trapani for another year. Also discussed was the possibility of a new Chairman at some future date. The Chairman should be reasonably close to the Washington scene and be in a position to gain experience quickly in dealing with people in the agencies in Washington that would result in the greatest benefit to RVOC. Mr. Trapani said he felt the

Council should confirm what was done at last year's meeting and should think about a possible alternate Chairman next year. He said the important thing the Committee felt should be considered was moving the leadership around.

Sam Guill and Bob White are retiring this year. Jim Gibbons can replace Mr. White in the Southeast Division of the Executive Committee.

Concerning revision of the By-Laws, each member has a draft of the proposed changes.

Re membership, Chairman Leiby stated that Alaska is a member although they don't appear on the letterhead. Ellis Rittenhouse stated there was a proposal from Sam Gerard that area representatives in their areas should determine who operates research vessels (non-profit research vessels) and then find out what interest they may have in joining our RVOC.

Ellis Rittenhouse read a suggestion by the Executive Committee that members who don't attend or show any interest, be dropped. Motion by Dick Edwards that the rules governing admission and dropping of members, as spelled out in the By-Laws, be followed. Motion carried.

It was agreed in discussion that the Executive Committee members should scout around for new members and the Secretary should find out if non-active members are still interested. Motion by Bob White that Jonathan Leiby be directed to approach non-active members, and if there is no further interest, drop them. Motion carried.

Sam Gerard suggested that we explain the reason behind changing the By-Laws. Items were loosely defined in the original By-Laws. The net result of these proposed By-Law changes is to more clearly define the duties and responsibilities of the Executive Committee, bring them more into the over-all operational picture of RVOC. The Executive Committee and Chairman should work together as a team to govern RVOC in between annual meetings. As we grow larger, as we do year by year, these changes are becoming more and more necessary.

Bob White stated that S. Guill feels the Rules & Regulations Committee is getting unwieldy. Mr. Trapani introduced the following Resolution for consideration: (see Approved Resolution, Page viii). Lengthy discussion followed. Dick Edwards suggested that action be postponed at this time. Motion made and carried. Copies of the resolution will be made and distribute to each member.

Re Nominating Committee. Motion by Ellis Rittenhouse that the Nominating Committee (Dick Edwards, Sam Gerard, Jim Gibbons, Pete Trapani) as suggested by the Executive Committee, be accepted. Motion carried.

Report on Research Ship Construction - Ship Requirements from Laboratories. Chairman Leiby read from a chart which indicated what individual laboratories feel they need. There appears to be a basic disagreement as to what kind of ships are needed as far as the Government is concerned and what laboratories feel they need. The Navy tends toward larger ships.

Ship Project Office. Statement by M. Silverman covered the following points:

How to get ships? - Go to outside sources?

Put up insurance money to insure construction?

Would have to change law to have MARAD put up insurance.

Would funding agencies authorize money to use this way?

Should be politically possible to go to private/
Govt. funds.

Thinks Navy can support half of proposed construction - NSF about 10%.

Thinks should build ships same as buildings as to funding.

- Each institution should state its requirements for new construction so that COLD can put in firm requirements.
- 2. Should worry about NSF consideration to use MARAD.

- Look into finding outside funds to build ships from private sources.
- Have Federal Council look over the over-all building program.

A handout on the Ship Construction Requirements for the Academic Laboratories was given out to each member and will not be given here.

Sam Guill mentioned that ESSA has some new ships which the University of Washington is going to try to use temporarily.

LUNCH

0130 Meeting reconvened.

Mr. Trapani stated that the Nominating Committee has agreed that we should confirm the actions that we took at the end of last year's meeting to continue Jonathan Leiby as Chairman for the next two years; to continue Ellis Rittenhouse as Secretary for at least another year; and to continue Pete Trapani's tenure as Chairman of the Executive Committee for at least another year. Ellis Rittenhouse has indicated his desire to be relieved as Secretary in 1968. Frank Bean has agreed to accept the nomination as Secretary. Ellis Rittenhouse has agreed to the nomination as a member of the Northwest section. Jim Gibbons has agreed as a member of the Southeast section. Motion by Dick Edwards that the above nominations be accepted. Motion carried.

Dick Edwards reminded the group that there are two other members of the Executive Committee whose terms will be up next year -- Sam Gerard and Captain Newton of Texas A & M.

Changes in By-Laws. It was suggested that the changes in By-Laws be held over until tomorrow morning to give everyone an opportunity to study them this evening. Motion by Sam Gerard to so hold the changes in By-Laws. Motion carried.

Research Ship Regulations. Chairman Leiby mentioned the thank you letter received by the Coast Guard for work on SUB CHAPTER U from the Chairman, Council of Oceanographic Laboratory Directors (COLD).

Sam Guill regarding report on Research Ship Inspection. See

Chapter "U" in the Federal Register - work speaks for itself.

Chairman Leiby - There will be problems that arise with interpretations. In order to clear up such problems, it will be necessary to document the ways in which this inspection has been handled. Therefore, it is particularly important for people to let us know if they have problems as they happen.

Sam Guill - Regulations themselves in their current form start on Page 1113 in the Federal Register. There is only one error on page 1165, middle column at top of page - editorial error - "hailing port" is repeated twice, so references don't quite jell. The report lists every change which they have accepted from the original publication.

One point that was of continuing concern to this body last year was that inspection of sea going barges should commence at 300 gross tons-Coast Guard would not accept that, but would give us the equivalent of it, and they have.

Chairman Leiby drafted a memorandum dated November 9 which enumerated the increased requirements in general over what we have today. Discussion followed as to whether life boatage is increased or decreased according to regulations. This change has been ratified by Congress.

Sam Guill called special attention to paragraph 188.05-10 in the Federal Register; also called attention to the Federal Boating Act requirements for boats to be numbered. Mr. Guill elaborated on conditions related to the unhampered use of the navigable waters of the world.

It was decided that the Legislative Committee will meet to study the implications of the applicability of the load line act to vessels over 79 feet in length, keeping in mind the public hearing on March 22. Mr. Guill will poll the members of the committee by telephone. If the members are prepared, they will proceed for the March 22nd hearing; if they cannot do it justice, they will not try. Alternatively, they can at least request a deferment.

Draft Sub-Chapter 10 (Proposed Regulations on Licensing, Manning, Seamen's Laws and Piloting).

Mr. Silverman stated that Captain Read will seek to gain formal concurrence from Haddock for Master's and Chief Mate's licenses to be unrestricted for vessels over 1,000 tons. If he gets it, he proposes to place it on the agenda of the August meeting and to propose it for public hearing next November. Must also have concurrence of the unions.

Mr. Guill regarding Master's and Chief Mate's licenses - If obtained on a research ship, will be given for research ships only. He will oppose any such restriction so long as people in the general merchant service can obtain unrestricted licenses although all of their service may be in one type of vessel only, i.e., cargo, passenger, etc. He will recommend that if the ship is over 1,000 tons, there be no restriction on the license.

Motion by Warren Okkerse that whole Council endorse Sam Guill's letter of February 6 to the Coast Guard. If he gets an affirmative reply, there will be no need to use the endorsement. Motion carried.

Motion by Ellis Rittenhouse that we authorize the Chairman of RVOC to write to the Coast Guard (Captain Read a letter the contents of which will embody the same principles expressed by the University of Washington.

Motion carried. (See Pages 12 and 13 for contents of letter from the University of Washington.)

Resolution on Mechanism for going to higher authority. Motion by Mr. Edwards to change paragraphs 3 and 4 as follows: (see Approved Resolution, Page viii.)

- "3. If relief is not achieved, the matter shall be referred to COLD by the Chairman, RVOC, who shall also inform the RVOC Executive Committee."
- "4. Further action by RVOC shall be approved by the Executive Committee."

"Delete paragraph 5."

Motion carried.

Sam Guill discussed the question of public vessels and customs clearance problems in entering a foreign port:

The Interagency Committee on Oceanography has published a pamphlet entitled U.S. Oceanic Research in Foreign Waters. This publication establishes guidelines and procedures for both public vessels and privately owned vessels to conduct research in foreign territorial waters and to call at foreign ports.

Public vessels are required to obtain diplomatic permission of the host government to call at a foreign port. For the purposes of this clearance, public vessels are defined as those owned or bareboat chartered by agencies of the U.S. Government and they may be operated by such agencies or by institutions or contractors.

Institutions operating public vessels are disadvantaged as compared to operators of private vessels. Delays in granting requested permission

can disrupt scheduling of scientific programs and create other unnecessary difficulties.

Therefore, it's strongly recommended that the definition of public vessel as published in ICO Pamphlet 25 be amended to exclude government owned or bareboat chartered vessels operated by institutions under contract to the Government.

If adopted, propose that this be sent to NASCO meeting 29 Feb., 1 and 2 March.

Meeting adjoined for the day.

Meeting opened at 9:30 a.m., February 16, 1968.

Changes to By-Laws. There was considerable discussion concerning the proposal to change the By-Laws. Motion by Mr. Solli to table this discussion until 11:30 this morning. Motion carried.

Salary Comparison. Dick Edwards stated that he had received information from the members re salaries which he would be glad to put into publishable form for distribution to the membership if they so desire. Motion by Mr. Trapani that we accept Mr. Edwards' offer to collate the salary information that he has received and distribute it to the members in due course. Motion carried.

The report by J. Snodgrass of SIO on new oceanographic radio frequencies was presented at 11:00 a.m.

Lunch

When the meeting resumed after lunch, Chairman Leiby suggested that three members be appointed to work on the proposed changes to the

By-Laws in the light of the comments that have been submitted. He suggested that Pete Trapani, Max Silverman and George Solli work on the changes and submit a unified report if they are unified and separate reports otherwise. This report or reports will be considered at a subsequent meeting. The membership agreed to this procedure.

UNIVERSITY OF WASHINGTON SEATTLE, WASHINGTON 98105

Department of Oceanography
Cable Address: UNWADO

6 February 1968

Commandant (MVP) U.S.C.G. Headquarters Washington, D.C. 20591

Dear Capt. Read:

The draft of your proposal for regulations effecting the ORV personnel is a very encouraging document. In the overall picture you have done an excellent job of simplifying operations. Nevertheless, I must point out some questionable or objectionable features which may create future problems for all of us.

It is the desire and intention of the Operators to create an elite corps of ships officers. These officers must become superb ship handlers, and in addition they must develop a knack for launching and recovering the many varied instruments required in research. These are skills which are not discovered by examination, but must be recognized and fostered. The proposed regulations enhance the status of the master and the mate of ORV's by authorizing each to act as pilot without further endorsement on his license. This recognition of the unique requirements of our operations and the evidence of your confidence in the abilities of our ship's masters is deeply appreciated.

However, despite this acknowledgement of special circumstances, you then turn around and relegate these hard-earned licenses to inferior status. You specify that a master or chief mate without experience other than on ORV's will be limited to that class vessel. Until such time as similar restrictions are placed upon the licenses of officers whose service has been limited to tank vessels, cargo and miscellaneous vessels, or passenger vessels, we must oppose this regulation. This discrimination is arbitrary and cannot be justified. Your proposed restriction discloses a schism: on the one hand you insist our Marine employees are merchant seamen, but you simultaneously deny such employees full credit for time in the service of a sea going vessel.

It is strongly urged that you eliminate the equations found in 20.15-5e: entire second sentence; 20.15-10(a): entire second sentence; 20.15-15(a): entire second sentence. After all, it is now, and must remain, a management decision at what level of responsibility to employ a ship's officer regardless of the grade of license presented by the applicant. The objectionable sentences infringe upon management functions.

Commandant (MVP) Page 2 6 February 1968

Elsewhere in the proposals a lacuna exists: the regulations spell out the minimum service required of a master and chief mate for tonnages over 1000 and for tonnages limited to a maximum of 750. This prompts the question: What about the man who serves a ship with some tonnage between 750 and 1000?

In order to avoid a proliferation of restrictions and to inhibit inventive geniuses, it is recommended that there be only one tonnage limitation on licenses for inspected vessels: not over 1000 g.t. If service has been obtained on vessels over 1000 g.t. there should be no tonnage restriction endorsed on the license.

Sincerely,

S. G. Guill

Marine Superintendent

SGG:ern

7 February 1968

The Commandant United States Coast Guard 1300 E Street M. W. Washington, D. C. 20226

Sir:

It is apparent that the long negotiations preliminary to the drafting of Subchapter U are now complete. As Chairman of the Council of Oceanographic Laboratory Directors, I have the pleasure of expressing to you the Council's appreciation of the courteous and understanding efforts on the part of the Coast Guard negotiating teams during the many months since the introduction of the first draft regulations.

We cannot, in all honesty, report our complete satisfaction with the regulations, as these have been promulgated. It is heartening to see, however, evidence indicating areas in which our positions have been met with understanding and sympathy on the part of your negotiators. We cannot ignore the fact that the final version contains a number of provisions we must regard as unnecessarily restrictive, still, and it is hoped that these will be the subject of individual relief action in the future. Nevertheless, your negotiating teams, together with our RVCC representatives, deserve full credit for a lengthy and difficult task well done.

We assume, from a review of the proposed regulations, that a number of the individual sections will require interpretation by your Headquarters, either initiated as a result of routine action or of appeal procedures stemming from local OCMI rulings. We should appreciate it greatly if you were to find it possible to involve the RVOC in any discussions leading to such interpretation. If this is, an unusual procedure, we believe the history of the negotiations to date have demonstrated the value to the

Letter 7 February 1968 Page 2

oceanographic community of your consultations with our RVOC committee, which represents the largest available body of expert knowledge in the field of oceanographic vessel operation. Continued collaboration could have only a beneficial effect on this area of science in which, surely, Coast Guard has a valid interest.

In one other procedure, we urge your consideration of a departure from the normal. In the past, it has been shown that the informal working relationships developed between OCMI's and local RVCC members often were most productive in removing misunderstandings and promoting action of mutual benefit. We should appreciate your considering the desirability of encouraging this arrangement somewhat by passing to your OCMI's a recommendation for the adoption of such a collaborative role, as a routine measure. We are certain that one result of such a recommendation would be the promotion of more efficient and useful relationships between your people and the vessel operators.

Finally, the Council, while in no way wishing to diminish contacts between RVOC and your negotiating personnel on a working level, wishes to assure you of its desire to participate in any useful way on a policy-making level. We should be happy to make ourselves available for any discussions that you might feel would be productive, at any convenient time. In turn, we hope that we may continue to have access to your office whenever matters of sufficient importance arise.

Sincerely yours,

Original signed by F. G. WALTON SMITH

> F. G. Walton Smith Director Chairman, Council of Oceanographic Laboratory Directors

FGWS: shq bc: Dr. Bader COLD Mr. Leiby



DEPARTMENT OF TRANSPORTATION UNITED STATES COAST GUARD

Address reply to COMMANDAH(MVI) U.S. COAST GUARD WASHINGTON, D.C. 20591

5941/21

2.3 FEB 1968

Mr. F. G. Walton Smith, Director Chairman, Council of Oceanographic Laboratory Directors Institute of Marine Sciences University of Miami Rickenbacker Causeway Miami, Florida 33149

Dear Mr. Smith:

Thank you very much for your letter of 7 February 1968 expressing the Council's appreciation of the courteous and understanding efforts on the part of the Coast Guard participants in the drafting of regulations for oceanographic vessels.

I am sure that the regulations developed will require interpretation of certain portions, hopefully minimal, and in some cases require revision. This is true in most of our regulations and, as the need develops, we will work closely with the RVOC. Naturally, we also encourage informal working relationships between Officers in Charge, Marine Inspection, and local RVOC members.

Your proffered help and desire to participate in matters affecting oceanographic vessel safety on a policy making level is appreciated and accepted. I look forward to a mutually beneficial association.

Yours very truly,

J. P. MURITRY

Rear A hall al. U.S. Coast Guard. Chief, Ollics of Merchant Marine Safety

ATTENDEES RVOC 1968 ANNUAL MEETING

Name	Affiliation
BEAN, Frank	Dept. of Oceanography, University of Washington
BOWHAY, L. B.	Hopkins Marine Station, Stanford University (AC 408) 373-2173
CLOUGH, A. H.	Box 349, Douglas, Alaska 99824 (No area code) 364-3105
DULLAGHAN, Jack	Scripps Inst. of Oceanography, Marine Facilities Div., P. O. Box 109, La Jolla, Calif.
EDWARDS, R. S.	Woods Hole Oceanographic Inst., Woods Hole, Mass. (AC 617) 548-1400
FRAUTSCHY, J. D.	SIO (AC 714) 453-2000, Ext. 1104
GERARD, R.	Lamont Geological Observatory, Palisades, N. Y. 10964 (AC 914) 359-2900
GIBBONS, J.	Inst. of Marine Sciences, Univ. of Miami 1 Rickenbacker Causeway, Miami, Fla. (AC 305) 350-7223
GILMARTIN, Dr. M.	Hopkins Marine Station, Stanford University (AC 408) 373-2173
GRIFFIN, Capt. Sydney	Lamont Geological Observatory, Palisades, N. Y. 10964 (AC 914) 359-2900
GUILL, S. G.	University of Washington, Seattle, Wash. 98105 (AC 206) 543-5062
HALE, Stuart	University of Rhode Island, Kingston, R. I. 02881 Graduate School of Oceanography
HIWKAMP, Pieter (not present)	University of Rhode Island, Kingston, R. I. 02881 Graduate School of Oceanography
HULING, P. B.	Duke University Marine Lab, Beaufort, N.C. (AC 919) 728-2111
JAYME, Gary L.	NAVSHIPS (AC 202) 696-4555
LEIBY, J.	Woods Hole Oceanographic Institution, Woods Hole, Mass.
LOCKWOOD, R. H.	Scripps Inst. of Oceanography (AC 714) 453-2000 Est. 256
NELSON, S.	Admin. Asst. to Oceanographer of the Navy

RVOC Continued

NEWTON, John

Duke University Marine Lab., Beaufort, N.C. (AC 919) 728-2111

OKKERSE, W. W.

University of Hawaii, Honolulu, Hawaii 1125-D Ala Moana Blvd., Honolulu, Hawaii Hon. 511-108

RITTENHOUSE, E. B.

SILVERMAN, Max

SOLLI, George A.

TETZLOFF, C.

TRAPANI, Peter G. WHALEY, H. H.

Oregon State University, Corvallis, Oregon

Scripps Inst. of Oceanography, La Jolla, Calif.

I.M.S., Univ. of Alaska, College, Alaska 99701

479-7531

University of Michigan, Great Lakes Res. Div.,

Ann Arbor, Mich. (AC 313) 764-2420

Scripps Inst. Of Oceanography, La Jolla, Calif.

Johns Hopkins University, Baltimore, Md.

(AC 301) 974-0981

PROPOSED CHANGES TO RVOC BY-LAWS

SECTION D. OFFICERS

PRESENT D. 2. The Council shall have an Executive Committee composed of five members elected for two year terms, three in one year, two the following year. Term of office shall date from the close of the Annual to which elected. By virtue of their positions, the Chairman and Secretary shall be voting members of the Executive Committee. No more than two members of the Executive Committee shall be from any one member institution at any given time.

PROPOSED D. 2. The Council shall have an Executive Committee composed of five members elected for two year terms, three in one year, two the following year. Term of office shall date from the close of the Annual Meeting at which elected. The Chairman of the Council and the Secretary shall be voting members, ex officio, of the Executive Committee. No member institution shall have more than one representative on the Executive Committee at any given time. Elected members of the Executive Committee shall be chosen so that each of the following geographical areas shall be represented: Northeastern U.S., Southeastern U.S., Gulf Coast, Southwest U.S., Northwest U.S.

PRESENT D. 3. The Executive Committee shall be responsible for advising the Chairman on Council programs, on budgetary matters, and through appointed Counsel on legal matters.

PROPOSED D. 3. The Executive Committee shall elect from its elected membership a Chairman who shall preside at all meetings of the Com-

Changes to RVOC By-Laws cont.(-2-)

mittee. Three elected members of the Committee shall constitute a quorum. A simple majority of those present at a meeting of the Committee shall be required to approve any business before the Committee.

NEW ADDITION

PROPOSED D. 4. The Executive Committee, with the Chairman of the Council, shall be responsible for carrying on the business of the Council during the period between Annual Meetings. It shall be responsible, further, for advising the Chairman of the Council on matters of Council policy. It shall report, at its discretion, directly to the Council on matters regarded as having special importance to the membership.

PRESENT D. 4. The Chairman shall represent the Council in all matters stipulated in the purpose of these by-laws and in all matters deemed necessary by the Executive Committee in the interest of the Council. The Chairman shall implement the programs enumerated by the Council and shall conduct the Annual Meeting and whatever special meetings are deemed necessary by the Executive Committee, the Chairman or the members.

PROPOSED D. 5 REPLACING D. 4. The Chairman shall represent the Council in all matters specified by the by-laws, and in all other matters as deemed necessary or appropriate by the Executive Committee. The Chairman shall act, with the Executive Committee, to implement any programs determined upon by the Council; he shall

Changes to RVOC By-Laws cont.(-3-)

conduct the Annual Meeting, and such other special meetings deemed necessary by the Chairman, by the Executive Committee, or by majority vote of Council member institutions.

PRESENT D. 5. The Secretary shall record the business of the Council and shall be responsible to the Executive Committee for receipt and disbursement of finances. The Secretary shall be responsible for dissemination of information through newsletters or other media as stipulated in these by-laws to all members of the Council.

PROPOSED D. 6. REPLACING D. 5. The Secretary shall record the business of the Council and shall be responsible for dissemination of information, as stipulated by these by-laws, or as directed by the Chairman, or by the Executive Committee.

PRESENT D. 6. If the Chairman or the Secretary are unable to fulfill their duties of office, the Executive Committee shall appoint a successor to act with full authority until the succeeding Annual Meeting.

PROPOSED D. 7. REPLACING D. 6. If either the Chairman or the Secretary shall become unable to fulfill the duties of his office, the Executive Committee shall appoint a successor to act with full authority until the succeeding Annual Meeting. If any member of the Executive Committee shall become unable to carry out his duties, the Executive Committee shall appoint a successor from the same geographical area, to serve the unexpired term, subject to confirmation by the Council at the succeeding Annual Meeting.

Changes to RVOC By-Laws cont [-4-)

SECTION E. COMMITTEES AND PANELS

PRESENT E. 1. Upon the recommendation of the Chairman and Executive

Committee and with the unanimous concurrence of the Council, at the

Annual Meeting, various panels and committees, as necessary to the work

of the Council, may be constituted. The duration of action of such

panels and committees shall be stipulated at the time of inception.

Size of such panels and committees, scope of action, and membership

shall be stipulated at the time of inception.

PROPOSED E. 1. Upon the recommendation of the Executive Committee, the Chairman of the Council shall appoint such panels or committees as are necessary to accomplish the objectives of the Council. The size, scope of action, and period of life of such committees shall be as prescribed by the Executive Committee; membership shall be prescribed by the Chairman of the Council.

SECTION F. ANNUAL MEETING AND OTHER MEETINGS

PRESENT F. 1. A general meeting of the Council shall be held at least once yearly. The Chairman shall preside. The business of the meeting shall encompass reports of the Executive Committee, the several panels and committees, passage of the budget, and discussions of projects and actions of the Council.

PROPOSED F. 1. A general meeting of the Council shall be held at least once yearly. The Chairman shall preside. The business of the meeting shall encompass reports of the Executive Committee, the several panels and committees, and discussions of projects and actions of the Council.

Changes to RVOC By-Laws cont. (-5-)

PRESENT F. 3. The Executive Committee shall meet at least twice yearly, one meeting shall be held immediately prior to the Annual Meeting and one meeting at the call of the Chairman of the Council.

PROPOSED F. 3. The Executive Committee shall meet at the call of its Chairman, but not less often than twice yearly, with one meeting to be held immediately prior to the Annual Meeting, for the purpose of promulgation of the agenda for that meeting, and such other matters as may be deemed appropriate.

SECTION G. FINANCES

PRESENT G. 1. The work of the Council shall be financed by assessments from member institutions based on the size of the respective active vessels.

PROPOSED G. 1. The work of the Council may be financed by assessments from the member institutions.