

VAN CAMP FOUNDATION

Division of Van Camp Sea Food Company

739 Golden Park Avenue, San Diego 6, California

FILE 033.428(9)
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WPFO 62-2
June 1, 1962
San Diego 6, California

TO: Members, SCOR Working Party on Fishery Oceanography

FROM: W. M. Chapman

SUBJECT: Time, place and agenda for meeting

The SCOR Working Party on Fishery Oceanography was appointed by the President Dr. George F. Humphrey, pursuant to action taken by SCOR at its Monaco meeting in November, 1961.

A meeting of the Working Party during 1962 was authorized by the Executive Committee of SCOR at its London meeting in April 1962. The expenses of Working Party members attending the meeting will be met by SCOR in accordance with the following schedule given to me by Mr. McLaren, staff member of the International Council of Scientific Unions:

1. Expenses of travel to meeting
Travel will be paid by way of reimbursement after submission of a claim form similar to that attached hereto.

The rate of travel which will be reimbursed will be Tourist or Economy fare if travel is by air or First Class if Travel is by train.

Subsistence will be reimbursed at the rate of fifteen(\$15.00) U.S. dollars(or its equivalent) for each night spent at the location of the meeting. The only exception which is allowed to this is \$18.00 per diem rate if the meeting is in U.S.A., U.S.S.R., Japan, Canada, or Paris.

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While the above is the normal procedure Mr. McLaren advises me that advances can be paid on request but that several weeks need to be allowed for this and advances must be followed by a certificate of attendance.

Any further inquiry about expenses, or advances, or accounting therefore, should be addressed to Mr. McLaren, International Council of Scientific Unions, Rome, Italy and not to me. I do not know any more on the subject than set out above and I do not intend to ask for further information.

2. Time of meeting

The life of our Working Party was set originally at about a year, i.e., until the next SCOR meeting which, in November 1961, Dr. Humphrey projected as being between October 1962 and March 1963. I have not been advised of any more refined projection than this.

The Intergovernmental Oceanographic Commission will be holding its second meeting at UNESCO headquarters, Paris, 20-29 September. The International Council for the Exploration of the Sea will be holding its annual meeting in Copenhagen directly after the IOC meeting, beginning on 1 October. Several members of the Working Party will be attending one or both of these meetings as members of national delegations. It is likely that other members might like to do so if they could conveniently arrange it. While I have no advance information it may be that a SCOR meeting will be held after the IOC meeting by a reasonably short interval.

While there is nothing mandatory about the timing of our report I would like to have it completed, or at least in an advanced stage of completion, prior to the IOC meeting and at least prior to the SCOR meeting. Since a good deal of correspondence and thinking on the subject has been had I see no reason why this goal cannot be well in hand by 20 September.

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Accordingly, my recommendation is that we meet on 10 September and use as much of that week for the meeting as we find to be necessary, with the objective of having a report finalized by the end of that week which can be put in final shape and multilithed the first part of the following week, in draft form at least, for submission to SCOR prior to the IOC meeting.

I would like to have member's views in respect of this recommendation at their earliest convenience.

3. Place of meeting

There is no limitation so far as I know to where in the world we meet although prudence dictates that we should meet at some location to which the cost of getting all members would be least. With Rollefson, Cushing, and Bückmann resident in Western Europe, Rass close by in Moscow, and Bjerknes on sabbatical leave in Norway, a meeting place in Western Europe seems to be indicated by this criterion.

I will be attending IOC and probably ICES. It may be that Rass, Popovici, Uda, and Davies would find it convenient to have their travel expenses paid to a place reasonably close to Paris or Copenhagen as an aid to attending one or both of these meetings. Western Europe would also be indicated by this criterion.

It would seem to me to be appropriate that we meet in a place where fishery oceanography is being actively prosecuted in Western Europe. Such places as Bergen, Lowestoft, Copenhagen, Kiel, or Hamburg suggest themselves.

For strictly personal reasons I favor Bergen. These are (1) I have not been there since 1947, (2) I have many friends there whom I have not seen in a long while, (3) I have recently run into what appeared to me particularly capable young fishery oceanographers in different parts of the world who were trained there and I would like to see how this training is accomplished, and (4) what appear to me from drawings to be exceptionally

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fine facilities for experimental fishery oceanography have recently been completed in Bergen and I would like to see these and how they work. Additionally (1) Two of our members (Rollefson and Bjercknes) are already there which would reduce expense, (2) the hospitality of the fishery people in Bergen is legendary, and (3) the weather will be as good in early September as it ever is likely to get in Bergen.

Dr. Rollefson was in San Diego in late April and was of the opinion that a group of our size could be accomodated in Bergen satisfactorily.

Accordingly I recommend that we meet in Bergen during the week beginning 10 September, but my feelings are not so strong on this that other suggestions would not be welcome.

I would like to have member's views in respect of this recommendation at their early convenience.

3. Agenda

The bulk of our agenda is set down for us by the terms of reference under which we were appointed, to wit:

1. To discuss and define the subject of fishery oceanography
2. To state what fishery oceanography has accomplished
3. To state what fishery oceanography should be trying to accomplish
4. To state what progress is needed in other sciences so that the aims set out in 3 can be attained.
5. To communicate the statements listed above, through SCOR, to interested laboratories and organizations

Some preliminary comments may be made:

1. You will note that I have substituted the word fishery

for fisheries in the "fisheries oceanography" of our original terms of reference. Dr. O. E. Sette points out that fisheries oceanography is ungrammatical in the English language although the term has been used rather widely and frequently in recent years. He feels that this is as good a time as any to dis-correct the phrase into "fishery oceanography" and I, for one, agree with him.

He goes on to note that the term fishery oceanography is too restrictive in both its terms to suit him or to describe the work his laboratory is doing. Fishing denotes predation by man and this should not, in his view, be a necessary precondition for studying the living resources of the sea. Oceanography implies operational restriction to the Sea. In his view the study of the atmosphere or of molecular biology should not be precluded if either holds promise for understanding the ever-changing environmental conditions governing the abundance, distribution and behavior of any of the organisms making up the living resources of the sea, or any other attribute of these resources that might be significant to their use (actual or potential) or non-use by man.

While not particularly liking either word, or the two together to describe his concept he is unable to suggest better, and tentatively puts forward the following suggested definition:

"Fishery Oceanography"

The study of living resources of the Sea and of natural phenomena directly or indirectly influencing them in manner potentially or actually significant to their use by man, including any information gathering needed for such studies."

While much more will be coming to you on this subject I put forward the above views as interesting.

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2. It would seem to me that under our second term of reference we should give a reasonably thorough account of what fishery oceanography has been doing since the original inquiries began in the latter part of the 19th century. I will propose to be prepared on this subject in respect of United States based efforts prior to our meeting, and will also attempt to become better briefed on Canadian based efforts by that time. I have asked Dr. Bückmann to get up material of this nature in respect of German workers. I am not at all well briefed on Norwegian, English, Russian, or other fishery oceanography accomplishments either in connection with ICES, ICNAF or otherwise and I would hope that our colleagues from there will be prepared with succinct documentation on this which I would hope could be circulated to us all prior to our meeting. Japan has been particularly active in fishery oceanography and I would hope that Dr. Uda could provide us with a brief description of this. With his background of connections and work in Brazil, Argentina and Peru, Dr. Popovici is in an unique position to do this in respect of Latin America. Much work has been initiated recently on both sides of South Africa, as well as some in East and West Africa. I would hope that Dr. Davies could brief us on this.

I am particularly ignorant concerning the massive efforts in fishery oceanography in Russia and also in the other socialist countries and would be indebted if Dr. Rass could brief us with some completeness on this.

3. Our third term of reference "To state what fishery oceanography should be trying to accomplish" seems to me to be the very heart of our task. In resolution 3 at its first meeting IOC recommended for earnest consideration by member states eleven rather large cooperative projects which had been initiated by member States. Seven of these arose primarily from fishery considerations. Additionally in the same resolution IOC requested its Secretariat to initiate the preparation of a comprehensive programme for world ocean study through the most effect

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ive means deemed to be appropriate.

What general concepts should fishery oceanography be working on? are there any particular facets that require examination? What are the general tenets that should be looked for in the above large programs from the fishery standpoint?

As a single, and simple, example of what I am referring to I note work done on the eggs and larvae of fishes under two headings:

- (a) should any general rules be laid down respecting their collections at sea in order that comparability of results can be better achieved?
 - (b) should recommendations be discussed concerning experimental work respecting the early life history of fishes? With pelagic species in particular the strength of the year class may be established in a matter of hours, or at most days, after spawning and strength of year class may be the key factor in abundance at harvesting stages. An enormous amount of effort has been expended in the past sixty years in relating year class strength to variable factors in the physical environment. By and large this enormous effort has been unproductive. Both myself and a good many others feel that the time has come in this aspect of fisheries oceanography to shift from the ocean into the laboratory and try to find out what parameters of the environment very young fish are responsive to, and why. Is this a suitable subject for our Working Party to examine and make recommendations about?
4. Under our fourth term of reference it appears to me that the term science is too restrictive and at least I should like to see this expanded to include instrumentation.

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5. While I would like, as noted above, to see the general shape of our report pretty well in hand by 20 September I see no reason why this need be brief, or hastily done, or incomplete if further background material is needed to be gathered. I would like members to be giving thought to what form the report should take.

In his original letter of appointment Dr. Humphrey was particularly concerned, from policy reasons, that the work of our Working Party should not impinge upon or unduly overlap the functions of the Advisory Committee on Marine Resources Investigations to be established by FAO, or the regional fisheries organizations. This concern I share.

This series of memoranda is going to Fridrickson, Poulson, Schaefer, Jackson, Royal and Dunlop so that the directors of six of the intergovernmental fisheries organizations in regions will be informed of our doings. If any of them has any suggestions as to what we should do, or should not do, I hope that he will take this paragraph as an open invitation to inform us, and as soon as possible, in order that such suggestions might be considered for inclusion in our agenda or omission therefrom. If I have overlooked any active regional agency that we should also include I hope that members will inform me.

With respect to FAO the situation is somewhat more clear. Dr. Finn, Director of Fisheries Division, has made certain suggestions in a letter of 8 February to Dr. Humphrey, a copy of which has been forwarded to you as an attachment to WPFO 62-1. These are:

1. Need for promotion of fishery research in areas where little has been done hitherto, including the problem of assignment of priorities in assigning funds, especially in developing countries, to fishery oceanography.
2. The context in which fishery oceanographic studies are to be carried out, etc.

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While a broad reading of our original terms of reference might include the topics as Dr. Finn expresses them I do not have the feeling that Dr. Humphrey had such a broad reading in mind. Additionally I think that our consideration at this stage of our work should be confined to scientific matters and steer pretty clear of what are properly administrative matters.

However I am not at all sure that it would be inappropriate for us to consider and comment upon the proper role of fishery oceanography in pre-development surveys for fisheries in the developing countries, or ocean areas adjacent to them. Examples are provided in the quite large Special Fund of the United Nations Fisheries Projects in Ecuador and Peru, the ones contemplated in Nigeria and Chile, and the very large Guinean Year - Tropical Atlantic Program sponsored jointly by CCTA/CSA and U.S.A.

Along this line there is another matter which I would like to suggest to the Working Party for inclusion on our agenda: The Role of Fishery Oceanography in the International Indian Ocean Expedition, and to Fisheries Predevelopment Surveys in that Area.

I would appreciate having member's views on the inclusion of these, or any other appropriate items, on the agenda for our meeting.

4. Invitation of other than members of Working Party Meeting.

Dr. Humphrey has written to several international and intergovernmental organizations concerning our work and several have responded, some appointing particular persons to be liaison representatives with us, some saying they would like to have these representatives at our meeting.

I think that the maximum number of additional people this would involve are, Böhnecke (SCOR); Wooster (UNESCO); Ruivo (FAO); Postel (CCTA/CSA); Schaefer (IATTC); Poulson (ICNAF); Fridricksen (ICES); Langlo (WMO); Royal (IPFC); Jackson (IMPEFC); and Dunlop (IPHC); or eleven in all. In view of the fact that we have no means to pay the travel expense of any of these I would be surprised if more than five showed up.

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In my view if all eleven showed up and participated in our discussions we would be the better for it. In particular I would like to see Dr. Fridricksen, as the Secretary-General of ICES and an old hand in the business, attend. Accordingly my recommendation would be to invite each of these gentlemen to attend and participate in our meeting, with the hopes that five of them would find the time and money with which to do so.

I would like to have the views of members on this recommendation at their early convenience.

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To:

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Sea/Rail return from:

Claims in Dollars, Sterling, French Francs, Belgian Francs
and Dutch Guilders will be reimbursed by cheque at your home
address.

Detailed statement of Bank Account of those Delegates who
cannot be reimbrused by cheque in Dollars, Sterling, French
Francs, Belgian Francs and Dutch Guilders:

Account No. :

Name of Bank :

Address of Bank :

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Signature:

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19 JUN 1962
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June 6, 1962

Dr. G. Böhnecke
34 Neuer Wall
Hamburg 36, Germany

Dear Dr. Böhnecke:

As you will see by copious mail probably before you get this (I have my secretary swamped) I have, at long last my SCOR Working Party correspondence in pretty good shape. I hope I am getting a meeting of the Party scheduled for Bergen about 10 September, and that we will have a good draft, or at least preliminary, report available for circulation by 17 September. At any rate I am aiming at that action for that date.

While I am beginning to get my correspondence backlog whittled down, the file is still a mess. I may have a copy of your report on the SCOR Executive meeting hidden in it some where but I do not remember seeing it, and I would much appreciate you sending me another copy.

My number three boy is back from college today and begins full time work day after tomorrow reducing this morasse of paper, in which I am slowly sinking, to a semblance of order so that I hope by the end of the summer I will no longer require to write paragraphs like the above.

Provided the time and place of next SCOR meeting turn out to be so that I can make it I will be most pleased to speak on "Fishery Oceanography" which I hope by that time we will have sufficiently pinned down so that it can be talked on.

Sincerely yours,

VAN CAMP FOUNDATION

W. M. Chapman
Director

WMC/reb

professor T.S.Rass

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23 JUL 1962

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Dr W.M.Chapman
Director
Van Camp, Foundation
739 Golden Park Avenue
San Diego 6
California
U.S.A.

July 12, 1962

Dear Dr Chapman

I hope you received my belated letter from 23.VI.62. contained my considerations concerning the terms of Fishery oceanography suggested by Dr Humphrey. Please excuse my late answer.

Recently I received your letters containing a copy of letter from Dr D.B.Finn and a sketch about time, place and agenda for the meeting.

I am somewhat perplexed by the sea of correspondence concerning Fishery oceanography and I navigate this sea through many difficulties and with a regrettable delay in my own efforts

Up to ~~as~~ now I sent to many our U.S.S.R scientists interested in the Fishery oceanography problems a little inquiry about their views on the subject, acc. the main terms of Working Party. Now I am awaiting answers and I hope to prepare a due report for the meeting.

By-the-by I am personally greatly interested in your example given for third term of agenda about the work done on the eggs and larvae of fish. I was specially studying the subject during many years; perhaps I shall prepare a special report on this matter.

Surely it is the most sound idea about broad invitation liaison representatives as additional people participating the meeting of SCOR Working party of Fisheries Oceanography.

My own participation at the meeting can't be decide by my own good will as it depends mainly from the authorities. Seemingly it is unavoidable that the President of SCOR Dr G.F. Humphrey would immediately contact with the President of the Academy of Sciences of the USSR academician M.V.Keldysh concerning this matter. And this action ought to be without delay as time's pressing.

Sincerely yours

The Rass

Copy to: Dr G.F.Humphrey

Theodore S.Rass

professor T.S.Rass
INSTITUTE OF OCEANOLOGY
ACADEMY OF SCIENCES OF THE USSR

8, Bakhrushin str., Moscow J-127 USSR

профессор Т.С.Расс
ИНСТИТУТ ОКЕАНОЛОГИИ
АКАДЕМИИ НАУК СССР

Москва, Ж-127, Бахрушина, 8

Dr G.F.Humphrey
President of SCOR
P.O.Box 21
Cronulla
N.S.W., Australia

July 12, 1962

Dear Dr Humphrey

This is to inform you that I received a letter from Dr W.M.Chapman concerning the time and place of the meeting of the Working Party on Fishery Oceanography.

I am sending you a copy of my answer to him enclosed: the question of my own participation the meeting is not so plain, it ought to be decide in due order, perhaps only by yours immediate contact with the President of the Academy of Sciences of the USSR academician M.V.Keldysh.

Sincerely yours

Theodore S.Rass

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July 19, 1962

Professor Nichitaka Uda
Professor of Oceanography
Tokyo University of Fisheries
6-chome, Aiba-Haigan Dori, Minato-Ku
Tokyo, Japan

Dear Professor Uda:

I have at hand your letter of 16 June, your compiled report of replies for the inquiry on Fishery Oceanography of 30 June, and a copy of your letter to Mr. Rosa of 16 June. All of these arrived on the eve of the Tuna Conference, and I have had no time to reply to them until now.

In respect of the first: I have written to Mr. Humphrey tonight asking him to send you a formal invitation to the meeting of the SCOR Working Party on Fishery Oceanography to begin 16 September in Bergen, Norway. I thought that an invitation from the President of SCOR on SCOR letterhead would be more useful to you than one from me.

I hope you are able to arrange from other sources, for subsistence money for the stay in Paris for the IOC meeting. My understanding is that Professor Steeman - Nielsen has in hand the organization of the International Union of Marine Biological Sciences.

With respect to the second: I am most appreciative of the work you have put in on writing to your colleagues in Japan and in the Far East respecting the terms of reference of our Working Party, and also the labor of collating these into a single report. It will be most useful to us.

In respect of the third I have this to report: Your inability to attend the Tuna Conference was in no way due to lack of interest on the part of Mr. Rosa, or FAO. Quite to the contrary, Mr. Rosa did all he could to help us in trying to arrange it. He had no funds at his disposal of any sort to aid in bringing anyone to the Conference. As you know I made every effort I could to arrange for you to get here and was unsuccessful. As a last resort, the Fishery Attaché of the U.S. Embassy in Tokyo, upon my request, took the matter up directly with the Fishery Agency. My own opinion is that someone in the Fishery Agency blocked your attendance for reasons of his own, with which I am unacquainted. At any rate, I can assure you that no fault attaches to FAO or Mr. Rosa.

I had perfectly selfish reasons for wanting you here. In the first place, I wanted to have an opportunity to become further acquainted with you. In the second place, I wanted to talk and plan with you about the Bergen meeting. And in the third place, I was afraid if you did not arrive I would be drafted into the Chairmanship of section 8, for which I was not prepared, and which I could not handle as well as you could do.

My fears in the latter respect were realized. I became Chairman of the section and Dr. Raile Postel (of France, became Rapporteur). We relied very heavily on the excellent background paper that you had prepared. I rather hastily prepared an additional background paper, a copy of which is attached for your background information.

The Conference went quite well. I am sending a verifax copy of the twenty substantive draft recommendations that were adopted. The text for Resolution 19 was abbreviated in plenary, without change in substance, and I do not have at hand the draft finally adopted. There were minor changes made in one or two of the other resolutions upon adoption, but the final group that you will get in the course of time you will find to be identical in substance with these.

You will note that nearly all the ideas you put forward in your background paper are included in one or the other of

Dr. Uda

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July 19, 1962

of these resolutions. You will also note that the Conference singled out your absence as a matter of regret in resolution 10.

I am most sorry you were unable to attend. I will be looking forward to renewing acquaintance with you in Bergen.

sincerely yours

VAN CAMP FOUNDATION

W. M. Chapman
Director

WMC/reb

VAN CAMP FOUNDATION

Division of Van Camp Sea Food Company

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739 Golden Park Avenue, San Diego 5, California

July 19, 1962

Dr. George F. Humphrey
C.S.I.R.O.
Box 21, Cronulla
Sydney, Australia

Dear George:

I am attaching hereto a verifax of a letter received this week from Rass. Apparently you and Fedorov have him shaken loose to this point, at any rate. I know he sent a copy of this letter to you, but on the other hand he refers to a letter of 23 June that he sent to me, and that I have not received yet, so I am sending you a copy of his of 12 July just to be on the safe side. If you got a copy of his 23 June letter to me, will you please copy it to me?

You will note in his last paragraph that he wants you to write Keldysh post haste so that he can get out to our meeting. I have now heard from all hands except Cushing and Popovici that they are agreeable to a meeting in Bergen beginning September 10. Accordingly, I think you you are perfectly safe in proceeding with Keldysh on the basis of that date and place.

I am most pleased to have this letter at long last from Rass. This means that all hands are now at work except Popovici. He has not been writing to anybody for months. His right arm Saeterdal was here for the Tuna Conference, and I sent back a rather blunt message by word of mouth. If this does not produce results I am prepared to write him off. I am making moves which I think will result in getting Schaefer there, in any event, and I believe Schaefer is more fully acquainted with what is going on in oceanic research elsewhere in Latin America than Popovici is any way.

Dr. Humphrey

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I am also undertaking through second parties to influence the Canadian, American and Japanese members of INPFC to send Jackson both to our Bergen and IOC Meetings at their Commission's expense, as I think it useful not only to wire these North Pacific people into our net, but also to get Jackson, a thoroughly able man, more familiar with what goes on in the world outside the North Pacific.

Attached is a verifax of a letter from Michitaka Uda. You will note from his p.s. that he, like Rass, requires an official invitation to the Bergen Meeting in order to get his official passport. I believe it would be most adviseable for you to write this also. If you do not think so, tell me, and I will do so. I think, however, it will take a letter from you on SCOR letterhead, to spring him loose. I like this little guy very much, and respect him highly. I particularly want him there. I do wish, however, he had sent me his material in the original Japanese. I could have gotten it translated into English, whereas I do not know anybody who can translate his English into English.

This whole business seems to be shaping up reasonably well. From the standpoint of geographic distribution there is, however, one more thing I would like to have, if it would not break the treasury, and if you don't think it would be entirely inappropriate. That is, I would like to have 2 Panikkar appointed to this Working Party, and be invited to the Bergen Meeting. There are other reasons than geographic distribution for this suggestion, among which are:

1. You have appointed a pretty blond working Party, aside from Uda. Whilst I have nothing against blondes Pannikkar would add an appropriate shading to our undertaking.
2. As you will note from the attached verifax of a recent letter from him, he has transferred jobs from being Fishery Development Officer, to being head of the Indian Programme of the Indian Ocean Expedition. This move was dear to his heart, as I learned in Delhi, because he had a bellyfull of the frustrations in the Ministry of Agriculture. I think the honor of being appointed to this task

Dr. Humphrey

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July 19, 1962

would be of some help to him, and I like this little fellow, too. I am a soft touch for people that work hard, and are dedicated to their tasks.

3. The Norwegian fishery bunch are still a hard sell on this whole IOC-International Oceanography business. This is one of the reasons for having the party in Bergen. As hosts they can't spit in your eye. The Rollefsens, man and wife, are close friends of the Bjercknes' who will be to the party. Both Rollefsen and Sunannå are friends of long standing of mine. The Norwegians are expanding their Indo-Norwegian Project to other States than Kerala at the invitation of the Government of India. Sunannå is there presently. Having Panikkar on hand at the Bergen Meeting would be an additional string to ensure the Norwegian fish gang working in harness well.

You may think I am over-solicitous of Norwegian feelings, but these guys are a key element in ICES and IOC is not going to work with satisfactory smoothness, in my view, unless we can work the ICES bunch into harness a little better.

At least, I think it is worth the trouble and I think it is worth the expense of getting Panikkar there. But you are the President, and the one to judge.

While it is completely impossible from the standpoint of timing, if I was not so snowed under, I would join the U.S. delegation coming down to your soiree on the Eastern IIOE, mainly because recent visitors from Australia have excited my interest in tuna there. I learned nothing from your lad Kesteven aside from the fact that he rather actively dislikes Schaefer and I, is against fishery conservation on the high seas, at least as we are trying to practice it, has a rather hang dog attitude toward California, if not the United States, as a whole, and is something of a boof. None of this comes under the heading of new aquisition of knowledge or understanding. Furthermore, I do not blame him for his attirude toward Schaefer and me.

VAN CAMP FOUNDATION

Dr. Humphrey

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We have given him adequate cause in the past, and probably will in the future.

Sincerely yours,

VAN CAMP FOUNDATION



W. M. Chapman
Director

WMC/reb

Copies to: Dr Chapman
Mr MacLennan

24 JUL 1962

Ref. 033.428(9)
GFH/AM

Dr N. K. Panikkar,
Ministry of Agriculture and Food,
Krishi Bhavan,
NEW DELHI 1. INDIA.

Dear Dr Panikkar,

Our working group on Fisheries Oceanography will be meeting in Bergen for a few days starting September 10. I assume you will be at the Second Session of the IOC in Paris on September 20 and I think that, if you could spare the time, it would be excellent if you could attend the Bergen meeting.

Many important problems concerning the relation between fisheries science and oceanography will be discussed and with your wide experience of, and interest in, these fields your presence would be valuable. Naturally SCOR would pay for the extension of your ticket from Paris and for your per diem in Bergen.

I hope to hear from you that you will be able to join the discussions in Bergen.

Yours sincerely,



(G. F. HUMPHREY)
President

Copies to: Dr Chapman
Mr MacLennan

Copies: Dr Chapman
Mr MacLennan

Ref. 033,428(9)
GFH/AM

24 JUL 1962

Professor M. Uda,
Professor of Oceanography,
Tokyo University of Fisheries,
TOKYO, JAPAN.

Dear Professor Uda,

The SCOR working group on Fisheries Oceanography
will meet in Bergen for a few days commencing September 10.

I am very glad that you are a member of this group and
I hope you will have time to attend. It is very important
for this international scientific discussion meeting to
have the services of such a distinguished fisheries
oceanographer as yourself.

SCOR will pay your economy class return air fare to
Bergen and give you an allowance during the meeting.
Please write to our Accountant (Mr A. S. MacLennan,
2 via Sebenico, Rome) and say what day and flight you
want.

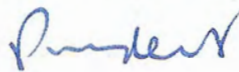
I hope to receive your early reply that you can come
to the meeting.

Yours sincerely,



(G. F. HUMPHREY)
Chief of Division

Copies: Dr Chapman
Mr MacLennan



Copies to: Professor Rass
Dr Chapman

Ref. 033,428(9)
GFH/AM

24 JUL 1982

The President,
Academy of Sciences of the U.S.S.R.,
Leninski Prospect 14,
MOSCOW, U.S.S.R.

Dear Academician Keldysh,

During the preliminary intergovernmental talks leading to the formation of the Intergovernmental Oceanographic Commission and during the First Session of the Commission in 1961, I noticed the large amount of time devoted to considering the relation between fisheries science and oceanographical research. I therefore proposed to SCOR that it should establish a working-group on the subject in order to clarify and collate some of the scientific ideas which were held in different laboratories.

I thought this would be an important task for SCOR to accomplish especially in view of its official advisory role to UNESCO, the intergovernmental agency which provides the secretariat for the Intergovernmental Oceanographic Commission. SCOR is now arranging a meeting of its working-group on Fisheries Oceanography to be held in Bergen for a few days commencing September 10. Distinguished scientists from laboratories in many countries will be present for a small but important scientific meeting to discuss the concepts of fisheries oceanography. I expect about 10 scientists will attend.

I would very much like Professor T.S. Rass of your Institute of Oceanology in Moscow to attend. Of course, SCOR would pay his air fares and a daily allowance. The contributions of Professor Rass to systematic ichthyology and to fisheries science are well known to us and it would be helpful in this example of international scientific collaboration to have such a distinguished Soviet scientist.

I hope to receive your answer that Professor Rass will be able to attend.

Yours sincerely,



(G. F. HUMPHREY)
President

**INTERGOVERNMENTAL OCEANOGRAPHIC
COMMISSION**

NS/9/12 B

FILE 033.428(9)
31 JUL 1962
Admin.
Fish.
Ocean. <i>EB</i>
T. Sec.
Libr
Clerk

Paris, 24 July 1962

Dear Academician Fedorov:

I am writing you concerning the participation of Professor T. S. Rass of the Institute of Oceanology in a meeting of the SCOR Working Group on Fisheries Oceanography, in Bergen, Norway during the week beginning 10 September 1962. Professor Rass, who has accepted membership in this group, has been invited by SCOR who will pay his travel expenses. Other members of the group are: Dr. W.M. Chapman, Chairman (USA), Dr. Gunnar Rollefson (Norway), Dr. David H. Davies (South Africa), Dr. Eacarias Popovici (Peru), Professor Nishitaka Uda (Japan), Dr. B.H. Cushing (UK), Professor Jacob Bjerknes (USA) and Professor Adolph O. Bückman (Germany).

The purpose of this group is to study the interrelation between oceanographic and fishery investigations, and the contribution which scientists working in each field can make towards advance in the other.

We are interested in this project for several reasons. In the first place, SCOR is an advisory body to the Office of Oceanography, and, as suggested by the IOG Bureau, may be designated an advisory body to the IOG. Thus, this particular study is of interest both to Unesco and to the IOG, in that it will influence the advice eventually received from SCOR.

./..

Academician E.K. Fedorov,
Chief, Scientific Secretary,
Presidium Academy of Sciences,
MOSCOW
U. S. S. R.

In the second place, we believe that technical meetings of this type, where specialists in a particular field consider the details of a technical problem, can be very useful. For example, the working group on the equation of state of sea water, in which Dr. Ivanoff-Frantskevich participated, has made some very important recommendations on a problem of basic importance in oceanography.

In the third place, one of the important problems in developing international cooperation in oceanography is precisely in the field of fishery oceanography. This problem relates to the frequent lack of communication and cooperation between academic oceanographers on the one hand, and the fishery investigators on the other. Usually these activities pertain to different ministries or equivalent organizations within the country; in many of the smaller countries all oceanography is done by the fishery laboratories. If under the IOC we are to develop strong international cooperative programs in marine science, we will need the understanding and cooperation of these laboratories. The SCOR working group by exploring the nature of this complex field can provide a sound basis for the future cooperation of both kinds of marine scientists in both national and international programs.

I hope it will be possible for Professor Bass to participate in the forthcoming meeting and to ensure that the point of view of Soviet marine scientists is incorporated in the report of the group.

Yours sincerely,

Warren S. Wooster
Secretary

cc: Dr. W.M. Cameron
Dr. G.F. Humphrey ✓
Dr. G. Böhnecke
Dr. W.M. Chapman
Prof. V.G. Kert

VAN CAMP FOUNDATION

Division of Van Camp Sea Food Company

033 4289
30 JUL 1962
Admin.
Fish.
/ Comm. *GB*
T. Rep.
1.
Clerk

39 Golden Park Avenue, San Diego 6, California

July 27, 1962

Dr. G. F. Humphrey
C.S.I.R.O.
Box 21, Cronulla
Sydney, Australia

Dear George:

I have copies of your several items under date of 24 July or thereabouts to several people. I am impressed with the speed and competence with which you handle your correspondence and affairs. I wish I could say the same for myself.

I finally received the original letter with enclosures from Rass so I do not need the copy from you.

It looks as if I got the original of the letter to Roy Jackson. At any rate I am keeping a verifax and sending on to him the one I got.

I am adding Wimpenny to my mailing list. I have not seen him for fifteen years and had quite lost track of him, not having followed whaling affairs much recently.

Sincerely yours,

VAN CAMP FOUNDATION



W. M. Chapman
Director

WMC/reb

Dr. G. F. Humphrey,
c/o P.O. Box, 27,
Cronulla, N.S.W., Australia.

LE 033 428(G)	
6 AUG 1962	
Admin.	
Fish.	
Ocean.	GB
T. Sec.	
Libr	July 31, 1962.
Clerk	

Dear Dr. George F. Humphrey:

Today I have accepted the invitation letter from you to the SCOR Working Group on Fisheries Oceanography in Bergen. Since Dr. Chapman as our chairman informed me the said Meeting a week commencing September 10, I have been arranging my schedule---- SCOR Meeting on Fisheries Oceanography at Bergen (Sept. 10-16).

Could you tell me the correct expected period, because in your letter it is shown that " meet in Bergen for a few days commencing Sept. 10 ". Of course, willingly I join the Bergen Meeting and the following IOC Meeting (Paris).

In my case the subsistence money after the Bergen Meeting extended to the end of IOC Meeting (September 29) shall be supplied from Japanese Government. therefore, it need the correct last day at Bergen.

Already I have made my request to Mr. A. S. MacLennan for the expense to be paid in advance (economy class return air fare from Tokyo to Bergen and from Bergen via Paris to Tokyo with an allowance during the Meeting Sept. 10-16 at Bergen).

Soon I will be at Bergen and Paris and hope to see you there.

Looking for your reply at your earliest convenience,

Yours sincerely,

Michitaka Uda

Michitaka Uda, Professor of Tokyo University
of Fisheries, Siba-Kaigan Dori, Minato-ku,
Tokyo, Japan.

copy; Dr. Chapman

Ref. 033.428(9)
GFH/DKE

4 AUG 1962

Dr W.M. Chapman,
Van Camp Foundation,
739 Golden Park Avenue,
SAN DIEGO 6,
CALIFORNIA U.S.A.

Dear Wib,

Many thanks for all the information with your letter of August 9.

I certainly cannot be at Bergen but if Bohnecke has the time he will go along. I think we cannot offer Postel any funds. There are two reasons neither of which is inviolate but on the whole I think the answer is no.

The first reason is our budgeting is not with fixed allocations to a project - they are ceiling amounts and we commit a total larger than available because we know we shall save. The second reason is that, as much as we love many people, we cannot have them all to our meetings, so it gives simplicity and less hard feelings to try to be uniform and have no extras.

I have just broken this second guiding principle by paying for 6 Russians to come to Cronulla instead of 3 for the intercalibration discussions.

Yours sincerely,



(G.F. HUMPHREY)
President

Copy to Dr Bohnecke

August 4, 1962

Dr. M. B. Schaefer, Director
Inter-American Tropical Tuna Commission
Scripps Institution of Oceanography
La Jolla, California

Dear Benny:

The SCOR Working Party on Fishery Oceanography will meet in Bergen, Norway, beginning September 10, lasting for three days, and perhaps five. Knowing of your interest in the work of this group, as expressed in your letter to Dr. Humphrey, I am hereby inviting you to attend this meeting if you can arrange to do so. You will understand that SCOR-ICSU are not liable for your cost of attending. A proposed agenda will reach you shortly after you get this, and additional materials will follow shortly thereafter.

Will you please communicate directly with Dr. Gunnar Rollefsen, Director, Fiskeridirektoratets Hauforskningssinstitutt, Bergen, Norway, in respect of any need you have for accomodations while in Bergen.

Looking forward to seeing you in Bergen, I remain,

Very truly yours,

W. M. Chapman
Director

WMC/sm

cc: Humphrey ✓
Bohnecke
Rollefsen

August 4, 1962

Dr. N. K. Panikkar
Council of Scientific and
Industrial Research
New Delhi, India

Dear Dr. Panikkar:

I am in receipt of a copy of the letter from Dr. Humphrey, inviting you to attend the meeting of the SCOR Working Party on Fishery Oceanography. I hope that your duties will permit you to join us. Attached hereto is a copy of a letter from Dr. Wooster to Academician Fedorov, which sets out succinctly the membership, purposes and objectives of our working group.

The meeting will be in Bergen, Norway, beginning September 10, and will last for three days, or perhaps five. A proposed agenda will reach you shortly after this does, and additional material will follow shortly thereafter.

Will you please communicate directly with Dr. Gunnar Rollefsen, Director, Fiskeridirektoratets Høuforskningsinstitutt, Bergen, Norway, in respect of accommodations you may require there.

Looking forward to seeing you again, in Bergen, I remain,

Very truly yours,

W. M. Chapman
Director

WMC/sm

cc: Messrs. Humphrey ✓
Bohnecke
Rollefsen
MacLennan

August 4, 1962

Dr. Arni Fridriksson, Director
International Council for the
Exploration of the Sea
Charlottenlund Slot
Charlottenlund, Denmark

Dear Arni:

The SCOR Working Party on Fishery Oceanography will meet in Bergen, Norway, beginning September 10, lasting for three days and perhaps five. Knowing of the interest you and ICES have in the work of this group, and knowing how much we could benefit from your presence and participation, I wish hereby to invite you to attend this meeting. A proposed agenda will reach you shortly after you receive this, and additional materials will follow shortly thereafter. While I can invite you to attend, I have no authority to pay your costs of so doing, but hope that ICES will be able to do so. I attach hereto a copy of a recent letter from Dr. Wooster to Academician Fedorov, which sets out succinctly the purposes, objectives and membership of our Working Party.

Will you correspond directly with Gunnar Rollefsen in respect of any accommodations you will require while in Bergen.

I remember fondly the Akuavit and beer with you at the Charlottenlund Inn what seems like only a few weeks ago, and hope that we may have an opportunity of hoisting another one or two in Bergen together, and remember old times.

Very truly yours,

W. M. Chapman
Director

WMC/sm

cc: Messrs. Humphrey ✓
Rollefsen
Bohnecke

Ref. 033.428 (9)
GFH/DKB

6 AUG 1962

Professor M. Uda,
Tokyo University of Fisheries,
Minato-ku, TOKYO,
JAPAN

Dear Professor Uda,

Thank you for your letter of July 31 saying you can go to Bergen and that you will also be present at the IOC meeting September 20 - 29 in Paris as part of the Japanese delegation.

I am not sure how long the meeting in Bergen will last. Dr Chapman will decide this. I think it will be 3 to 6 days. Dr Chapman will tell Mr MacLennan who will write to you saying how he will pay you. If he pays too much or too little I can adjust the payment with you in Paris.

I look forward to meeting you in Paris.

Yours sincerely,



(G.F. HUMPHREY)
President

Copy to Dr Chapman
Mr MacLennan

VAN CAMP FOUNDATION

Division of Van Camp Sea Food Company

FILE 033 428(9)
20 AUG 1962
Admin.
Fish.
Ocean. <i>CS</i>
Clerk

739 Golden Park Avenue, San Diego 6, California

August 8, 1962

Dr. Gunnar Rollefson, Director
Fiskeridirektoratets Hanforskningsinstitutt
Bergen, Norway

Dear Gunnar:

It looks as if I may find it necessary to go to Peru and Ecuador for the last two weeks of August. This will squeeze an already taut schedule. Accordingly, I am writing now to give you some previous information about our Working Party, even though it is incomplete. The remainder will come along later as it is prepared and typed. I am particularly jammed on typing at the moment.

1. I shall arrive in Bergen September 9 and will depart September 15. I would be obliged if you would make a hotel reservation for me for the period September 9-14. A single room and bath would be most suitable, but I will be quite happy to double up with anyone to meet your convenience.
2. Seven have indicated that they will attend: you, Bjorknes, Uda, Davies, Ruivo (FAO), Parsons (UNESCO), and I.
3. Those whom I fully expect to be there are: Cushing, Rass, Buckmann, Panikkar. Means are afoot to get Rass and Panikkar there. I assume Cushing and Buckmann will appear, but I have not had positive notification from them yet.
4. I am making an effort to have seven additional attendants: Popovici (Peru), Fridricksen (ICES), Postel (CCTA/CSA), Schaefer (IATTC), Jackson (IMPFC), Humphry (SCOR President), and Bohnecke (SCOR Secretary). There is no present assurance that any of these will come.
5. Pursuant to recommendation, I am sending an invitation to WMO, IAEA, IWC, and ICMAF to send observers. I have no idea what the response will be.
6. Thus eleven people are fully expected at the meeting; maximum attendance will be twenty-two or twenty-three. I am asking all hands to write directly to you for accommodations, notice of arrival, etc.
7. I expect the meeting to last for three days (September 10, 11, 12). It would be a surprise to see it extend another day. If something could be arranged to hold people there an extra day, it would be appreciated. What I would really like to do is to get an agreement

on the principle of that with which we will be dealing by the stop of work September 12, use the next day to write the report and get it typed, and meet briefly the morning of September 14 for acceptance of the report before disbanding. Thus if you people plan any showing around of the group as a group, September 13 would be a good day to do it.

8. I shall have a provisional agenda and some other materials into the mail by next weekend.

Sincerely yours,

W. M. Chapman
Director

cc: Humphrey ✓
Wooster
Ruivo
Davies
Popovici
Rass
Uda
Cushing
Bjerknes
Buckmann
Panikkar

739 Golden Park Avenue, San Diego 6, California

August 8, 1962

Dr. G. Bohnecke
Special Committee on Oceanic Research
International Council of Scientific Unions
34 Never Wall
Hamburg 36, Germany

Re: Your letter of July 30

Dear Dr. Bohnecke:

The status of the activity of the Working Party on Fishing Oceanography is as follows:

1. Meeting

There will be a meeting of the Working Party in Bergen, Norway, beginning September 10. I expect this to last three days, but I am prepared to be flexible to the point of extending it for a maximum of five days.

2. Attendants

This may be considered under headings of members of the working party and others.

a. Members

Dr. Rollefsen and Dr. Bjerknes are both in Bergen. Dr. Bjerknes has signified to me his intention of staying there at least until the completion of this meeting. Dr. Davies, Professor Uda, and I will certainly be there, each of us having made his arrangements independently.

As you will have otherwise learned, Professor Rass desires to attend and requires permission internally. The task of obtaining this has been undertaken by Dr. Humphrey and Dr. Wooster.

I assume that Dr. Cushing will attend although I have not heard directly from him about this. I am writing him specifically about it today. He has completed all his work on the project in an excellent manner.

I have not heard anything from Professor Buckmann since February of this year. If you have any means of jogging him

VAN CAMP FOUNDATION

to reply, please do so. I am writing to him personally today. I have not heard to first word directly from Dr. Popovici since the initiation of this project. Whether or not he is intending to work with us at all I do not know. Second hand information from him in the past week indicates that he has enjoyed the correspondence in connection with it as it keeps him in touch with what is going on elsewhere. This is not as positive an attitude as is desired. I rather expect to see him at the end of August in Lima and doubt that I will learn more from him prior to then although I am writing to him today.

b. Others

I asked Dr. Humphreys to add Dr. Pani Kkar to our group and get him to the Bergen meeting if possible. He wrote to Dr. Panikkar to this effect, and he has requested Mr. Mac Lennan to make the fiscal arrangements.

It is my understanding that Dr. Ruivo of FAO will be at the meeting.

I expected Dr. Wooster to attend the meeting. A letter from him today details problems which may prevent his personal attendance. It suggests his new staffman, Dr. Parsons, assume his stand. I am replying today in the affirmative.

I want Dr. Arnie Fridricksen of ICES to attend and am writing another request to him today.

I am trying to arrange for Dr. M. B. Schaefer, Director, Inter-American Tropical Tuna Commission, to attend. While I expect to be successful, this is not yet settled.

I am trying to arrange for Mr. Roy Jackson, Director, International North Pacific Fisheries Commission, to attend. His commission is meeting in Honolulu this month, and we will know his intentions by mid-August.

WMO, IAEA, IWC, and ICNAF have indicated their interest in following our discussions. The members of our Working Party, from whom I have heard on this point, have all signified their agreement to the principle of having representatives of these interested international agencies attend as observers if they choose to do so. I am writing to them in this vein.

I would like very much to have Dr. E. Postel, Inter-African Coordinator for Sea-Fisheries, Marine Biology, and Oceanography (CCTA/CSA) attend. CCTA/CSA has little money for this or any other purpose. I have no authorization to invite anyone other than members of the Working Party to attend at SCOR expense. Accordingly, I am writing Mr. Cheysson, Executive Director, CCTA/CSA, to try in the hope that he can find the money with which to pay for Dr. Postel's attendance.

VAN CAMP FOUNDATION

I know of no other likely attendants, although I think it would be most useful if you and Dr. Humphrey could come. The opinion of the Working Party members from whom I have heard is that a broad attendance would be welcomed.

3. Fiscal matters

I am accepting no responsibility of any sort concerning fiscal arrangements for this meeting. Each member must attend to this independently with Mr. MacLennan. They have been provided with the ground rules and his address. I have advised other invitees that they will be required to pay their entire costs of attendance, with SCOR-ICSO having no responsibility. The exception to this may be Dr. Pani Kkar. This is really a bookkeeping matter in Mr. MacLennan's department which depends upon the ledger in which he wishes to enter Dr. Pani Kkar's bills. He is required to get him from New Delhi to Paris and back in any event.

I think that more has been budgeted for this meeting than is required. If all ten (including Pani Kkar) attend and we stay in session for five days, the per diem cost will be \$750. I have not made any careful attempt to estimate traveling expenses, but if all hands show up and Dr. Pani Kkar's full bill comes to our account, I cannot see where the total cost of tourist class air fares will come to more than \$6,250. Thus I expect this meeting cost to run not more than \$7,000, and it may be somewhat less. Accordingly, the \$12,000 authorization appears to be more than ample. What we will try to do is give you a first class job at half price.

4. Status of preparation for meeting

a. Agenda for the meeting has not been prepared at this writing but probably will be ready to put in provisional form before I can get this typed and sent off to you.

b. Materials for meeting

Cushing, Davies, Uda, and I have proceeded on the original scheme of soliciting views from workers in this field of research. The first three have submitted their materials and analyses thereof. Mine is in the typewriter, but it may not be available for distribution for three weeks. Between us we have received views from about 250 workers in this field on a broad geographic basis and from a broad spectrum of disciplines in ocean research. This has given us a rather massive amount of raw material to digest. From this I believe we can define the problem areas involved and suggest some approaches to their handling.

Rass has made similar inquiries but (as in my case) has not yet circulated his materials to other members. However, he has submitted a valuable document under the date of June 25 to all members which is most useful to our purpose. He intends to have replies from others in

VAN CAMP FOUNDATION

in his area to circulate to us prior to our meeting.

Bjerknes is in touch close enough with the meteorological oceanographers not to require any extensive circulation of questions. The understanding is that he will make the meteorological contribution in person at our meeting.

I have not heard what Rollefsen, Popovici, or Buchmann may have done.

c. My pre-meeting contribution

I am completely swamped at the moment from the standpoint of typing. The work connected with preparation of this material for circulation to members plus my other correspondence and work is more than my small staff can handle expediently, despite their remarkable efforts. It just happens that at the present those areas from which I could expect extra typing help are also temporarily swamped. Accordingly, instead of getting materials in member's hands the first of August, as I had hoped, this process will not be completed until about August 25. No better arrangements can be made at present.

My trouble is that I oped Pandor's Box. I am still receiving replies to my December 25th letter, two having come in this morning's mail. I had no idea that this would turn into such a large chore, but the cooperation from all hands has been exemplary. It has all been worthwhile to this point at any rate.

Sincerely yours,

W. M. Chapman
Director

cc: Humphrey ✓
Wooster
Ruivo
Davies
Popovici
Rollefsen
Rass
Uda
Cushing
Bjerknes
Buckmann
Pani Kkar
MacLennan

739 Golden Park Avenue, San Diego 6, California

August 8, 1962

Dr. E. Postel
Inter-African Coordinator for Sea Fisheries,
Marine Biology, and Oceanography
O. R. S. T. O. M.
2 Rue Bayard
Paris, 8^e, France

Dear Dr. Postel:

The SCOR Working Party on Fishing Oceanography will meet in Bergen, Norway beginning September 10. The meeting will last three days, perhaps five. A proposed agenda will reach you shortly after you receive this, and other materials will arrive shortly thereafter.

Because of your broad acquaintance with scientists, conditions and problems in North Africa, and your responsibilities in this respect of the states south of the Sahara (through CCTA/CSA and your connections and acquaintance in the Indian and Pacific Oceans through ORSTOM, it would be particularly useful to us, you, and the organizations you serve if you could participate in our meeting. Accordingly, I hereby invite you to do so.

As you know, I have no authority to reimburse you for your expenses in attending this meeting. Also, I know the slender reserves of CCTA/CSA, and the tight budgetary situation of ORSTOM. Nevertheless, I think this is to be of sufficient importance to send copies of this letter to Messrs. Cheysson and Delais, and I am writing them personal letters on the matter as well to see whether one or the other could find the funds that would permit you to attend.

If it is possible for you to attend, will you write directly to Dr. Gunnar Rollefsen, Director, Fiskeridirektoratets Harforskningsinstitut, Bergen, Norway, concerning the accommodations you may require while in Bergen. I am going to be out of the country the latter part of August.

Hoping to see you again in Bergen, I remain

Sincerely yours,

W. M. Chapman
Director

cc: Humphrey ✓
Rollefsen
Bohnecke
Delais
Cheysson

August 8, 1962

Mr. Roy Jackson, Director
International North Pacific
Fisheries Commission
6640 N. W. Marine Drive,
Vancouver 8, B. C.

Dear Roy:

The SCOR Working Party on Fishery Oceanography will meet in Bergen, Norway, beginning September 10, lasting for three days, and perhaps five. Knowing of your interest in the work of this group, as expressed in your letter to Dr. Humphrey, I am hereby inviting you to attend this meeting if you can arrange to do so. You will understand that SCOR-ICSU are not liable for your cost of attending. A proposed agenda will reach you shortly after you get this, and additional materials will follow shortly thereafter.

Will you please communicate directly with Dr. Gunnar Rollefsen, Director, Fiskeridirektoratets Høuforskningssinstitutt, Bergen, Norway, in respect of any need you have for accommodations while in Bergen.

Looking forward to seeing you in Bergen, I remain,

Very truly yours,

W. M. Chapman
Director

WMC/sm

cc: Humphrey ✓
Bohnecke
Rollefsen

August 8, 1962

Dr. Zacarias Popovici
Consejo de Investigaciones
Apartado 3734
Lima, Peru

Dear Dr. Popovici:

As you have learned from other letters in this series, there will be a meeting of the SCOR Working Party in Bergen, Norway, beginning the morning of September 10 and lasting for three days, and at a maximum five days. You are a member of the Working Party. It is desirable that you attend this meeting if your other affairs will permit. Your expenses for doing so will be reimbursed by SCOR in accordance with a schedule which I have already provided for you. A proposed agenda for the meeting will reach you shortly after this does, and additional materials will follow shortly.

If you are intending to attend the meeting, you should correspond directly with Dr. Gunnar Rollefsen, Director, Fiskeridirektoratets Hanforskningsinstitut, Bergen, Norway in regard to accommodations. If you require an expense advance for air-fare, you should correspond directly with Mr. A. S. MacLennan, ICSU, 2, Via Subenico, Rome, Italy, to obtain it. I would appreciate receiving copies of any such correspondence.

It seems rather likely that I shall be coming to Peru in the latter part of August. In this event I will see you and be able to discuss these matters with you.

Sincerely yours,

W. M. Chapman
Director

WMC/pk

cc: Humphrey ✓
Bohnecke
Rollefsen
MacLennan

August 8, 1962

Mr. Michel Delais
Office de la Recherche Scientifique et Technique Outre-Mer
27 Rue Bayard
Paris 8^e, France

Dear Mr. Delais:

Attached hereto are copies of: (a) a letter from me to Dr. Postel, (b) a letter from me to M. Cheysson (CCTA/CSA), (c) and a letter from Dr. Wooster to Academician Fedorov, all of which are self explanatory. The gist of the matter is that I would like to have Dr. Postel attend and participate in the meeting of our SCOR Working Party on Fishery Oceanography to be held in Bergen, Norway the week beginning September 10, and I have no funds available to get him there. I doubt that either you or Mr. Cheysson have such funds available either, but I thought the matter to be sufficiently important to bring to your attention.

The reason I would like to have Dr. Postel attend is not only is he a good man in his field and easy to work with but he combines an acquaintance with fishery oceanography activities and scientists in North Africa, Tropical Africa, and in your ORSTOM establishment that the rest of us members on this Working Party do not have.

Sincerely yours,

W. M. Chapman
Director

WMC/pk

cc: Humphrey ✓
Wooster
Postel

August 8, 1962

Dr. Warren Wooster, Director
Office of Oceanography
UNESCO
Place Fontenoy
Paris 7^e, France

Dear Warren:

The meeting of the SCOR Working Party on Fishing Oceanography will begin September 10 in Bergen, Norway. It will last three days and perhaps five. Your letter states that you may be unable to attend in person and that in such an event you would like to send Dr. Parsons as your representative. While we would benefit much from your personal attendance, Dr. Parsons will be most welcome. A proposed agenda for the meeting will reach you shortly after you receive this letter, and other materials will follow shortly thereafter.

Will you correspond directly with Dr. Gunnar Rollefsen, Director, Fiskeridirektoratets Hanforskningsinstitutt, Bergen, Norway, in respect to accommodations in Bergen for either you or Dr. Parsons, as the case may be.

Sincerely yours,

W. M. Chapman
Director

WMC/pk

cc: Humphrey ✓
Bohnecke
Rollefsen

August 8, 1962

Dr. David H. Davies, Director
Marine Biological Association
Post Office Box 736
Durban, Natal
Union of South Africa

Dear David:

The meeting of the SCOR Working Party for Fishing Oceanography will begin in Bergen, Norway September 10. It will last three days, not more than five. I am winding up preparations for it now preparatory to a trip to western South America in the latter part of August. A proposed agenda will reach you shortly after you receive this. Other materials will reach you shortly thereafter.

Will you please correspond directly with Dr. Gunnar Rollefsen, Director, Fiskeridirektoratets Hanforskningsinstitutt, Bergen, Norway, in respect to accommodations. If you require an expense advance for air-fare, you should correspond directly with Mr. H. S. MacLennan, ICSU, 2, Via Sebenico, Rome, Italy, to obtain it.

I will be looking forward to seeing you again in Bergen.

Sincerely yours,

W. M. Chapman
Director

WMC/pk

cc: Humphrey ✓
Bohnecke
Rollefsen
MacLennan

FILE 33-428(Y)
13 AUG 1962
Admin.
Fish.
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August 9, 1962

Dr. Erick Paulsen, Executive Secretary
International Commission for the
North Atlantic Fisheries
c/o Dalhousie University
Halifax, Nova Scotia, Canada

Dear Dr. Paulsen:

The SCOR Working Party on Fishery Oceanography will meet in Bergen, Norway, beginning September 10, lasting for three days, and perhaps five. Knowing of your interest in the work of this group, as expressed in your letter to Dr. Humphrey, I am hereby inviting you to attend this meeting if you can arrange to do so, or send a representative if you so desire.

You will understand that SCOR-ICSU are not liable for your cost of attending. A proposed agenda will reach you shortly after you get this, and additional materials will follow shortly thereafter.

Will you please communicate directly with Dr. Gunnar Rollesen, Director, Fiskeridirektoratets Høuforskningsinstitutt, Bergen, Norway, in respect of any need you have for accommodations while in Bergen.

Looking forward to seeing you in Bergen, I remain,

Very truly yours,

W. M. Chapman
Director

WMC/sm

cc: Humphrey ✓
Bohnecke
Rollesen

Humphrey

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13 AUG 1962	
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Clerk	

August 9, 1962

Dr. Jacob Bjercknes
Hop Station
Norway

Dear Dr. Bjercknes:

I am in somewhat of a predicament and need your assistance.

As you know, I was assigned the task of being convener of this SCOR Working Party unexpectedly while I was on an extended tour in Africa last winter. In view of the fact that I had another extended tour coming up directly after the year's end to the Indian Ocean and a very heavy schedule of work otherwise for this year, I would have been much better advised to have told George Humphrey to get someone else to handle this task as I was too busy. On the other hand, I have a rather puritanical view on such matters. If I am asked to do something in the public sector which I am capable of doing, I am not going to avoid the task to suit my personal desires. Accordingly, I told George I would take on this job and proceeded accordingly.

For the following reasons I felt, perhaps incorrectly, that I would be in a particularly advantageous position to be of service in this matter.

We are dealing here with a complex problem which requires fishery people working in ocean research and academic oceanographers to work together in the international field with a great degree of smoothness in order that such resources of manpower, money, and ship-time as are available can be used with maximum efficiency. I am attaching a copy of a recent letter from Wooster to Academician Fedorov which puts the purposes and objectives of the group clearly. The antecedents to this are so lengthy and complex that I am unable to take time at the moment to elucidate them.

To oversimplify the situation, Gunnar Rollefson was very disturbed about the possibility of FAO dominating ocean research in the ICES area, his area, some years ago. Having seen this squashed effectively, he then found in Copenhagen in 1960 that the academic oceanographers under the leadership of Roger Revelle, then President of SCOR, were setting up the Inter-governmental Oceanographic Commission in UNESCO, that there was no proper fishing feed into this apparatus. Once more ICES and his area of work were under attack by an international organization, and his ocean was about to be stolen out from under him, along with his

beloved cod. This was borne down on him even more roughly at the first meeting of IOC in Paris last fall. His views were rather strong.

Thus there was a very good chance that the fishery oceanography fight that simmers under the surface in many countries could break out into the open and damage the fledgling IOC. In my opinion, this was highly undesirable. I have known Gunnar Rollefsen and Klaus Sunanna for a good many years, have worked with them on international matters in many arenas, and I like and respect them highly. I believe the feeling is reciprocal. Furthermore, I have very much the same feeling that they have, but instead of fighting about it in head on collision, I prefer to create conditions where the two factors can work together in harmony and to mutual benefit.

I have oversimplified this account to such an extent that to an outsider it would not be intelligible, but you are not an outsider. In my view, one of the several tasks involved here is to get the ICES group of fishery-oriented ocean researchers working together with other ocean researchers. The Norwegians are a key element in this. Rollefsen is a key element in the Norwegian position. Accordingly, I urged George Humphrey last fall, when he originally had the idea of this Working Party, to be sure and include Gunnar on it on the grounds that peace in this field without the ICES group was not peace, and that peace without Gunnar was unlikely. George appointed Gunnar and then surprised me by appointing me also as a convener. Having had a hand in creating this situation was one of the reasons why I did not refuse to take on the task.

I returned from the Indian Ocean area this spring in time to sit in on the SCOR Executive Committee meeting in London in mid-April. Upon being asked, I suggested that this Working Party have a meeting prior to the IOC meeting this fall and at some place in western Europe where fishery oceanography was being done. Two places in particular suggested themselves, Bergen and Lowestoft. For the reasons noted above, Bergen was the logical place, if they would have us, as the best place to deal with a dissident is on his own ground. The SCOR Executive agreed with these plans and set aside money for the purpose. I proposed to write to Gunnar when I arrived home and find out from him whether such a meeting in Bergen would be agreeable to him.

To my great surprise and pleasure I found that he and Mrs. Rollefsen were in California when I arrived home. We spent a delightful afternoon, evening, and next morning together with them, young Gunnar, his wife, the Schaefers, and others. Gunnar and I spent the afternoon talking mostly alone. He gave me something of a run down on his problems at home in Bergen with which I was not unacquainted. I told him my plans

August 9, 1962

and asked him whether he was agreeable to them. He was.

Accordingly, I solicited the wishes of the rest of the Working Party by letter. All who have replied have been pleased with the idea of the meeting in Bergen beginning September 10. I expect the same reply to come from Cushing and Buckmann in the near future. I don't know whether the man remaining, Popovici, will be with us wherever we meet. There is no reason to expect that Bergen would not be as suitable as anywhere else in the world if he does decide to come at all.

Accordingly, I have now set up the meeting in Bergen to begin September 10, to last about three days, and not more than five. I am circulating this information to all hands. In view of the fact that my other duties may require me to be in Peru and Ecuador the last half of August, I am requesting each person to contact Rollefson directly for hotel accommodations, etc. I have written to Gunnar concerning my plans. You will receive copies of all this correspondence.

At this juncture an outside observer might assume that all is well. The trouble is that I have sailed these geo-political seas for a long while and I do not like to feel the air just at the moment. I think it prudent to prepare for a little breeze of wind. If it doesn't occur, then nothing is wasted. If it does, it is better to have been a little forehanded. You are the only mutual friend to whom I can turn, as I do not wish to communicate my worries on this particular matter to Klaus Sunanna at this time.

Quite aside from the antecedent international squabbles in the first part of this letter, I am quite well aware of Gunnar's personal problems and aspirations in Bergen, that he had something of a nervous breakdown this spring (in fact was not in first class shape yet when he was here), and he expected to have a showdown with Sunanna on internal matters upon his return to Norway. Klaus Sunanna, while I consider him a warm personal friend as I do Gunnar, is a tough little man and no person to have a showdown with if you are inclined to be in a nervous state anyway.

Young Hamre was here from Bergen for the tuna conference. He arrived in mid-June and was here for the first half of July. He reported that Gunnar had taken some sick leave upon his return home and that Sunanna was in India to inspect the Indo-Norwegian project in Quilon. Since he was a junior, I did not think it advisable to inquire into things in Bergen more deeply from him.

August 9, 1962

Adding to all this is the fact that I have not even had a note from Gunnar on this SCOR project since I first wrote to him in January. Had he not spent the time with me here at my home this spring, I would have had no contact with him at all. Judging from past experience, I do not expect a reply to the letter I have just written to him setting up the meeting with finality in Bergen for September 10. If a reply does come, I will not be here to receive it in any event as I will be in Peru. Also, I am in no position to reverse any of the decisions I have had to make, nor will I be able to do so upon my return because there are no bridges left behind me.

Accordingly, somewhere between nine and twenty-two reasonably distinguished members of the international ocean research community will arrive in Bergen at the end of the first week of September expecting to meet the morning of September 10 in the new Fishing Laboratory. I will be among them. There will be some embarrassment in various quarters, but not with me, if provision has not been made for the meeting. There is nothing I can do from this long distance to intervene in any useful manner. Accordingly, I am writing to you in the hopes that from your close vantage point you can see that nothing goes awry.

It is quite possible that my sensory apparatus is too sensitive. If it is, then this letter has been unnecessary, and you may forget it. On the other hand, this apparatus has worked well enough in the past that I will feel better for having informed you of my trepidation.

Sincerely yours,

W. M. Chapman
Director

WMC/pk

VAN CAMP FOUNDATION

Division of Van Camp Sea Food Company

FILE 033 428(9)
13 AUG 1962
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1 Ocean. <i>GB</i>
T. Sec.
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Clerk

739 Golden Park Avenue, San Diego 6, California

August 9, 1962

Dr. George S. Humphrey
C. S. I. R. O.
Division of Fisheries and Oceanography
Cromulla, New South Wales
Australia

Dear George:

There appears to be a strong likelihood that I will spend the latter part of August in Peru, Ecuador, and way points, and then be very busy here the following first week in September. Accordingly, I would like to get everything regarding the meeting of the Working Party on fishery oceanography completed during this coming week. I presently have every secretary within my reach mowed under with paper. The effect of this is that there will be another sudden flow of materials to members and others. This will be somewhat later than I would have desired. However, there is nothing I can do but put the work in the mill and let it churn out at the best rate the mill can manage. There are a number of loose ends, most of which you can do nothing about. I merely call them to your attention.

1. The situation in Norway is by no means clear. The point of no return where I could have switched the meeting from Bergen to Lowestoft has long been passed, and there is still no formal word from Rollefson. Thus I have notified all hands by letters, of which you have copies, that the meeting will begin in Bergen the morning of September 10 and last for three days, perhaps five. I have notified Rollefson of what I am doing just as if all details had been agreed upon by lengthy correspondence on the basis upon which we talked here at my home in April. Just to be on the safe side, I have written a background letter to Bjerknes, who is on site. I do not know who is in charge of what in Bergen at the moment, and I have not had time to wait and learn, especially in the absence of any correspondence from Rollefson. Accordingly, I have made my play. Now it is the Norwegian turn to move.

Dr. George S. Humphrey

-2-

August 9, 1962

2. Nothing has been heard from Buckmann since his promising start.
3. I have no idea what is the matter with Popovici or whether he is intending to meet with us. I do not care very much. I presumably will see him in about two weeks time and beard him on his own dunghill, to coin a phrase.
4. I have not gotten an agenda prepared or circulated at this writing, nor do I have my bulky American and Canadian correspondence prepared for circulation to members, but this is in the mill and will be along to members and you as soon as it can be ground out. That should be before September 1st at any rate. You have done all that can be done in respect to getting Rass and Pani Kkar there. Uda would walk across the Arctic ice to get there and is all set. Accordingly, I reckon that we will have a quorum of eleven competent persons on hand at a minimum. At a maximum we might have a total of twenty-two or twenty-three. We can do business under either condition.
5. There are two other things which you might wish to consider. I make these suggestions in light of the fact that SCOR set aside \$12,000 for the cost of this Working Party meeting, and I can't see where we will spend more than \$6,000, or at the very outside \$7,500. These points for consideration are:
 - a. If both you and Bohnecke could find the time to sit in with us, I think it would be a most useful thing and would be well worth the little extra cost that this would be to SCOR-ICSU. My only hesitation is not money but asking you to devote a few extra days to public service as I reckon you are at least as busy with your own work as I am.
 - b. I would like to have Dr. Emile Postel present and participating at our meeting. There is a good deal of fishery oceanography ferment going on in tropical Africa and in North Africa. Also, the ORSTOM people are doing considerable work at Nosy Be, Noumea, Pointe Noire, Abidjan, Dakar, Casablanca, Tunis, etc., either through their own people at their own stations or through their people on loan to laboratories in the developing countries. Postel is more closely in touch with these types of workers than anyone I know. None of the rest of our crowd is in very close touch with them.

Accordingly, I have written a letter to Postel inviting him to attend if he can find the money with which to do so. I talked with him about this while he was here in early July at the FAO Tuna Conference, and the timing was agreeable. I

VAN CAMP FOUNDATION

D: George S. Humphrey

-3-

August 9, 1962

am also writing to Cheysson, head of CCTA/CSA and to Delais, administrative head for ORSTOM fishery oceanography suggesting to both that it would be worth their organizations' while for either to pick up the check for Postel's attendance at our meeting.

I am not sanguine about the outcome. Cheysson would put up the money in a minute if he had it, but I doubt that he has it. CCTA/CSA runs a very large operation on a very slender shoe string. I do not know what the situation is at ORSTOM, but since it is a part of a large bureaucracy, I doubt Delais' ability to move rapidly enough even if he has the extra cash stacked away somewhere.

Taking all of this into consideration, I would much appreciate it if you would give thought to the propriety of SCOR picking up the check for Postel's participation in our meeting at Bergen.

With this suggestion, I will bring this line of correspondence to a close and will hope to see you in Bergen, or if not there, in Paris.

Sincerely yours,



W. M. Chapman
Director

WMC/pk

cc: Bohnecke
Wooster
MacLennan

August 9, 1962

Mr. M. Cheysson
Commission for Technical Cooperation in
Africa South of the Sahara
P. M. B. 2359
Lagos, Nigeria

Dear Cheysson:

The Working Party on Fishery Oceanography of the Scientific Committee on Oceanic Research of the International Council of Scientific Unions is having a meeting in Bergen, Norway beginning September 10, lasting for three days and possibly five. We have been working on this project by correspondence for the better part of a year, and it is our hope at this Bergen meeting, our first and probably last, to put our thoughts together in a report to submit to SCOR at the meeting of its Executive Committee the following week in Paris. Then, if SCOR desires, the report will be ready to circulate to the Intergovernmental Oceanographic Commission, which will be meeting in Paris the last two weeks of September.

The membership, background, and objectives of this Working Party are succinctly set out in the letter of July 24th from Dr. Warren S. Wooster, Secretary, Intergovernmental Oceanographic Commission, to Academician Fedorov, a verifax copy of which is attached hereto. In addition to the members set out therein, Dr. Humphrey of Australia and Dr. Pani Kkar of India will participate in our Bergen meeting. This, you will note, gives us, besides a spread of skills and disciplines, a reasonably good geographic coverage where fishery oceanography is being actually pursued except for the tropics and North Africa.

There is no question but what the specialist in the world who is most intimately associated with these developments and workers in that area of the world is your Inter-African Coordinator for Oceanography, Marine Biology, and Sea Fisheries, Dr. Emile Postel. Our meeting would certainly be more productive if he were able to participate.

August 9, 1962

Had I been more alert to my responsibilities, I would have called him to your attention some months ago so that you could have made preparation for his attendance, if you thought it to be worthwhile. To tell you the truth, my own duties have been so pressing that I have not had adequate time to handle this pro-bono-publico task for SCOR in the manner I would like to have done. Accordingly, the high desirability of having Dr. Postel participate in our Bergen meeting did not soak through my head until we found ourselves working together on committees of the FAO World Meeting on the Biology of Tuna and Related Species here during the first two weeks of July.

I then asked him whether it would be practical for him to attend and participate. He said that from the standpoint of his personal time this would be practical, but that he had no funds at his disposal with which to make the trip. As far as he knew, CCTA/CSA did not have them either.

For my part I have no authority to commit funds for this purpose from SCOR or any other place. Nevertheless it seems to me that it would be helpful to us if Dr. Postel met with us. Accordingly, I have sent Dr. Postel an invitation and have written a letter on this subject to Dr. Humphrey (President of SCOR), and to Mr. Delais of ORSTOM, as well as this one to you.

The importance of the work of this Working Party to your responsibilities as reflected in Dr. Postel's work is, of course, for you to decide in the light of funds available to you and other work to be done in connection with this project. I can only say that I have felt it important enough to have devoted much more time to it this year than I could afford to. I hope that one of the three of you can get Dr. Postel to Bergen.

If my memory serves me correctly, you were going to leave your position at CCTA in September of this year. Should you come to Paris, there is a possibility we could get together and compare notes. I will be there from September 16 to September 30 and can be contacted through Dr. Wooster, Director for Oceanography, UNESCO, during that time.

I hope this finds you and your family well, I never learned whether it turned out to be a son or daughter.

Sincerely yours,

W. M. Chapman
Director

WMC/pk

cc: Humphrey
Wooster
Postel
Delais

August 9, 1962

Prof. Theodor S. Rass
Institute of Oceanology
Academy of Sciences
of the U. S. S. R.
8, Bakhrushimstr
Moscow J-127, U. S. S. R.

Dear Prof. Rass:

The meeting of the SCOR Working Party on Fishery Oceanography will be in Bergen, Norway, beginning September 10, lasting for three days, and perhaps for five. A proposed agenda will reach you shortly after this, and additional materials will reach you shortly after that. Business takes me to Western Latin America the latter part of August, so I am completing arrangements for this meeting this weekend.

I have received copies of letters from Drs. Humphrey and Wooster, initiating the steps you requested. Will you correspond directly with Dr. Gunnar Rollefsen, Director, Fiskeridirektoratets Hauforskningsinstitutt, Bergen, Norway, in respect of accommodations you will require while there. If you require an expense advance for air fare, will you request that directly of Mr. A. S. MacLennan, ICSU, 2 Via Sebenico, Rome, Italy.

I have a reply to your very much appreciated letter of June 25 in the typewriter, and it will reach you in good time.

Looking forward to seeing you in Bergen, I remain,

Very truly yours,

W. M. Chapman
Director

WMC/sm

cc: Humphrey ✓
Bohnecke
Rollefsen
MacLennan

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August 9, 1962

Dr. Yuri Sokolov
International Atomic Energy Agency
Vienna 1, Kaerntnerring, Austria

Dear Dr. Sokolov:

The SCOR Working Party on Fishery Oceanography will meet in Bergen, Norway, beginning September 10, lasting for three days, and perhaps five. Knowing of your interest in the work of this group, as expressed in your letter to Dr. Humphrey, I am hereby inviting you to attend this meeting if you can arrange to do so, or send a representative if you so desire.

You will understand that SCOR-ICSU are not liable for your cost of attending. A proposed agenda will reach you shortly after you get this, and additional materials will follow shortly thereafter.

Will you please communicate directly with Dr. Gunnar Rollefsen, Director, Fiskeridirektoratets Hauforskningsinstitutt, Bergen, Norway, in respect of any need you have for accommodations while in Bergen.

Looking forward to seeing you in Bergen, I remain,

Very truly yours,

W. M. Chapman
Director

WMC/sm

cc: Humphrey ✓
Bohnecke
Rollefsen

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13 AUG 1962
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Clerk

August 9, 1962

Mr. R. S. Wimpenny
International Whaling Commission
Lowestoft, England

Dear Mr. Wimpenny:

The SCOR Working Party on Fishery Oceanography will meet in Bergen, Norway, beginning September 10, lasting for three days, and perhaps five. Knowing of your interest in the work of this group, as expressed in your letter to Dr. Humphrey, I am hereby inviting you to attend this meeting if you can arrange to do so, or send a representative if you so desire.

You will understand that SCOR-ICSU are not liable for your cost of attending. A proposed agenda will reach you shortly after you get this, and additional materials will follow shortly thereafter.

Will you please communicate directly with Dr. Gunnar Rollefsen, Director, Fiskeridirektoratets Harforskningsinstitutt, Bergen, Norway, in respect of any need you have for accomodations while in Bergen.

Looking forward to seeing you in Bergen, I remain,

Very truly yours,

W. M. Chapman
Director

WMC/sm
cc: Humphrey ✓
Bohnecke
Rollefsen

FILE	033-428(9)
13 AUG 1962	
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August 9, 1962

Dr. Ilmo Hela
International Atomic Energy Agency
Laboratory of Marine Radioactivity
Oceanographic Museum
Monaco

Dear Dr. Hela:

The SCOR Working Party on Fishery Oceanography will meet in Bergen, Norway, beginning September 10, lasting for three days, and perhaps five. Knowing of your interest in the work of this group, as expressed in your letter to Dr. Humphrey, I am hereby inviting you to attend this meeting if you can arrange to do so, or send a representative if you so desire.

You will understand that SCOR-ICSU are not liable for your cost of attending. A proposed agenda will reach you shortly after you get this, and additional materials will follow shortly thereafter.

Will you please communicate directly with Dr. Gunnar Rollefsen, Director, Fiskeridirektoratets Høuforskningsinstitutt, Bergen, Norway, in respect of any need you have for accommodations while in Bergen.

Looking forward to seeing you in Bergen, I remain,

Very truly yours,

W. M. Chapman
Director

WMC/sm

cc: Humphrey ✓
Bohnecke
Rollefsen

FILE 053.428(9)
13 AUG 1962
Admin.
Fish.
/ Ocean. <i>GB</i>
T. Sec.
Libr
Clerk

August 9, 1962

Dr. K. Langlo
World Meteorological Organization
Geneva, Switzerland

Dear Dr. Langlo:

The SCOR Working Party on Fishery Oceanography will meet in Bergen, Norway, beginning September 10, lasting for three days, and perhaps five. Knowing of your interest in the work of this group, as expressed in your letter to Dr. Humphrey, I am hereby inviting you to attend this meeting if you can arrange to do so, or send a representative if you so desire.

You will understand that SCOR-ICSU are not liable for your cost of attending. A proposed agenda will reach you shortly after you get this, and additional materials will follow shortly thereafter.

Will you please communicate directly with Dr. Gunnar Rollefsen, Director, Fiskeridirektoratets Høuforskningsinstitutt, Bergen, Norway, in respect of any need you have for accommodations while in Bergen.

Looking forward to seeing you in Bergen, I remain,

Very truly yours,

W. M. Chapman
Director

WMC/sm

cc: Humphrey ✓
Bohnecke
Rollefsen

FILE 033-428(9)
13 AUG 1962

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T. Sec.	
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August 10, 1962

Prof. Adolph O. Buckmann
Institut für Fishereibiologie
Holsten Wall 24
Hamburg 36, Germany

Dear Dr. Buckmann:

The meeting of the SCOR Working Party on Fishery Oceanography will be held in Bergen, Norway, beginning September 10, lasting three days and perhaps five. A proposed agenda will reach you shortly after this does, and additional materials will follow shortly thereafter. I am winding up preparations for the meeting this weekend, preparatory to a trip to Western South America prior to the meeting.

Will you please communicate directly with Dr. Gunnar Rollefsen, Director, Fiskeridirektoratets Havforskningsinstitutt, Bergen, Norway, in respect of accommodations. If you require an expense advance for air fare, will you communicate that request directly to Mr. A. S. MacLennan, ICSU, 2 Via Sebenico, Rome. I would be obliged if I could receive copies of such communications.

Very truly yours,

W. M. Chapman
Director

WMC/sm

cc: Humphrey ✓
Bohnecke
Rollefsen
MacLennan

FILE 033-428191
13 AUG 1962
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T. Sec.
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August 10, 1962

Dr. Michitaka Uda
Tokyo University of Fisheries
Siba-Kaigan-Dori, Minato-ku
Tokyo, Japan

Dear Dr. Uda:

I have yours of July 31. The meeting of the SCOR Working Party on Fishery Oceanography will begin in Bergen, Norway, September 10, and will last for three days, or possibly for five. A proposed agenda will reach you shortly after you receive this. Other materials will reach you shortly after you receive this. Other materials will reach you shortly thereafter. It appears likely that I will require to be in Western South America the last two weeks of August, so I am taking this opportunity of winding up work on this project here.

Will you correspond directly with Dr. Gunnar Rollefsen, Director, Fiskeridirektoratets, Havforskningsinstitutt, Bergen, Norway, in respect of accommodations you will require there. I see that you have already communicated with Mr. MacLennan in respect of expense advance.

I received recently reprints from you which were much appreciated. I shall look forward to seeing you soon in Bergen.

Very truly yours,

W. M. Chapman
Director

WMC/sm
cc: Humphrey ✓
Bohnecke
Rollefsen
MacLennan

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103 AUG 1962
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August 10, 1962

Dr. Mario Ruivo
Fisheries Division
Food and Agriculture Organization
Viale delle Terme Caracalla
Rome, Italy

Dear Mario:

The meeting of the SCOR Working Party on Fishery Oceanography will begin September 10 in Bergen, Norway; last three days, and perhaps five. A proposed agenda will reach you shortly after you receive this, and other materials will follow shortly thereafter. I am winding up preparations for this meeting preparatory to a trip to Western South America the latter part of August.

Will you please communicate directly with Dr. Gunnar Rollefson, Director, Fiskeridirektoratets Havforskningsinstitutt, Bergen, Norway, in respect of accomodations there.

I have assumed that you will be the representative of FAO at this meeting. If not, will you see that this invitation gets into the proper hands.

Looking forward to seeing you shortly in Bergen, I remain,

Very truly yours,

W. M. Chapman
Director

WMC/sm

cc: Humphrey ✓
Bohnecke
Rollefsen

Conseil International des Unions Scientifiques - International Council of Scientific Unions
Scientific Committee on Oceanic Research
(SCOR)

Secretary: Dr. Günther Böhnecke

To
W.M. Chapman
Van Camp Foundation
739 Golden Park Avenue
San Diego 6
California

FILE 033.428(G)
17 AUG 1962
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34, Neuer Wall
2 Hamburg 36
Germany
Cable: SCOR SEC
Phone: 3470 48

Date: 13 August 1962

Dear Chapman,

Thank you very much for the extensive statement dated August 8th, on the preparation of the Bergen meeting. I do hope, that the meeting will be a full success and clear the situation between Fisheries, Oceanography and will come to a suitable definition of Fisheries Oceanography besides that of course scientific results are expected.

All of us who could read your papers and reports on these, are convinced that the matter you are dealing with is a very important one.

I am afraid, that I cannot participate because at present three of my secretarial helpers are ill, and I have to do all the work (preparations of SCOR EX. I.O.C.) with only one secretarial assistant, but I hope, that you can report at Paris.

Referring to Bückmann, I am sorry to tell you, that he was very ill since some weeks. I was told, that he will be back from the hospital 15th of August, so that he will receive your letter just at the right moment. In the meantime I jogged him and hope, that he can attend your meeting.

As to the participation of Postel and Pannikar, I think, we should not be too reluctant and pay for them, if they cannot afford the travelling expences of the meeting and the per diems, because the estimated expences will be not more than about \$ 7.000. I hope, that Humphrey agrees.

Sincerely yours

Copy to Mr. Humphrey

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20 AUG 1962

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Clerk	

Humphrey

August 13, 1962

Dr. J. Collignon
Institut des Peches Maritimes
Casablanca, Morocco

Dear Dr. Collignon:

In reference to your letter of July 24, the Working Party on Fishery Oceanography consists of Dr. Gunnar Rollefson (Norway), Dr. David H. Davies (South Africa), Dr. Zacarias Popovici (Peru), Professor Jacob Bjerknes (U. S. A.), Dr. D. H. Cushing (U. K.), Professor Michitaka Uda (Japan), Professor Theodor Rass (U. S. S. R.), Professor Adolph O. Buckmann (Germany), and myself. It was appointed by the Scientific Committee on Oceanic Research (SCOR) of the International Council of Scientific Unions (ICSU) as an ad hoc committee, with a life of about a year to eighteen months, to look into the specific questions with which you are acquainted. It will report to the President of SCOR (Dr. George F. Humphrey, Australia) upon the completion of its task. SCOR will then distribute the report to interested persons and entities.

The several of us involved have attempted to solicit opinions of workers in the field of fishery oceanography on a rather broad basis, but I know that we have not been able to do this adequately. Any views you people have would be most welcome. I will send you some further documentation in about a month, so that you will see the trend of our work to date.

This is not a continuing body. The continuing body, which one hopes will become effective in this field, is the Intergovernmental Oceanographic Commission. It will be holding its second meeting at UNESCO headquarters, Paris, September 22 to September 29. Morocco should have a strong delegation to this conference, in view of its important position in fisheries and ocean research. If you are not acquainted with the details of this conference, I suggest that you write for them to Dr. Warren Wooster, Director, Department of Oceanography, Place Fontenoy, 7^e Paris, France.

Very truly yours,

W. M. Chapman
Director

Humphrey

U33 428(9)
20 AUG 1962
Admin.
Fish.
/ Ocean.
F. Sec.
Libr.
Clerk

August 14, 1962

Mr. A. S. MacLennan
The Accountant of ICSU
2 Via Sebenico
Rome, Italy

Dear Mr. MacLennan:

I think that this letter is superfluous because I have just set in motion actions which will result in your getting a small deluge of copies of letters in respect of the forthcoming meeting of our SCOR Working Party on Fishery Oceanography. Nevertheless, since I am not well acquainted with your procedures, and in the light of letters of June 12 from Humphrey and of July 30 from Bohnecke, I bring the following formally to your attention.

There will be a meeting of the SCOR Working Party on Fishery Oceanography held in Bergen, Norway. It will begin September 10, and will last for three days, and perhaps five. At least some of us will be occupied there on this project for five days. You are liable for the expenses of attendance of Rollefson, Bjerknes, Davies, Uda, Cushing, Rass, Popovici, Buckmann, and me. I have informed each of them to write to you if they need expense advances. Since Rollefson and Bjerknes are on the site, they will not. Neither will I. Uda has already written to you. I personally doubt that Popovici will show, but will not know for sure until about three weeks from now.

I have also invited several other people from other international and intergovernmental organizations interested in this subject, pursuant to suggestions from Dr. Humphrey, and upon the agreement of other members of the Working Party. Copies of these invitations are being directed your way. You will note that in each instance of this sort, I have clearly stated that while they are welcome, SCOR-ICSU is in no way liable for their expenses in getting or staying there.

August 14, 1962

There are two special instances: Dr. Panikkar, of India, and Dr. Postel, of France, CCTA/CSA. Dr. Panikkar is a member of SCOR, and you will be paying his way as far as Paris, anyway. I asked Dr. Humphrey to arrange for his continuation to our Bergen meeting as well. He has written to you in this connection.

Dr. Postel is the Inter-African Coordinator for Oceanography, Marine Biology and Fisheries for the Commission for Technical Cooperation in Africa South of the Sahara (CCTA/CSA). This is an unpaid job, at which he works religiously and effectively. He does not even have a secretary for that work, but has to scrounge what help he gets. Ordinarily, I would not think of suggesting that SCOR pick up the chit for the representative of another international outfit attending this meeting. On the other hand, CCTA/CSA is poor as a churchmouse. Cheysson and Postel are both dedicated people who knock themselves out doing good work for little thanks. Tropical Africa is a hard side of the street for a European to work these days. I have watched these men at their work, and respect them highly for what they are doing.

Postel would contribute considerably to our deliberations. Accordingly, I have formally invited him to attend. I have written both to Cheysson and Delais (ORSTOM) to suggest that one of them pick up the tab for him doing so. I am not sanguine about either being able to do so. Accordingly, I have made the same request of Humphrey. I have not in any way committed you, but wished to inform you directly as to what I have done, and why I have done it.

I have assumed that you will be with us, with your little black bag full of hard money. If so, will you contact directly Dr. Gunnar Rollefson, Director, Fiskeridirektoratets Havforskningsinstitutt, Bergen, Norway, in connection with any accommodations you will require while in Bergen.

Looking forward to seeing you in Bergen, or if not there, then in Paris, I remain,

Very truly yours,

W. M. Chapman
Director

WMC/sm
cc: Humphrey
Bohnecke
Rollefsen

FILE 033 428(9)
21 AUG 1962
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Clark

August 17, 1962

Dr. G. Schnecke
 36 Saar wall
 Hamburg 36
 Germany

Dear Dr. Schnecke:

I had a very nice letter from Eickmann this week. I do hope that he is coming along well and will not overstrain himself if he comes to Bergen. Sorry to hear that you will be unable to be with us, but I understand fully. As a matter of fact I am highly envious of a person who can have three secretarial assistants sick and still have one to work.

A wire from Rollefson today declares that the meeting in Bergen is all in order. The materials from here will be in the mail to members and others next week.

So all is well, and I am for Peru. See you in Paris, and I will have a report in my hand.

Sincerely yours,

VAN CAMP FOUNDATION

W. M. Chapman
 Director

WMC/rob

cc: Humphrey
 Wooster
 Ruivo
 MacLennan

VAN CAMP FOUNDATION

Division of Van Camp Sea Food Company

739 Golden Park Avenue, San Diego 6, California

FILE 033.428(9)
21 AUG 1962
Admin.
Fish.
/ Ocean. <i>CJB</i>
T. Sec.
Libr
Clerk

August 17, 1962

Dr. George F. Humphrey
C.S.I.R.O.
Box 21, Cronulla
Sydney, Australia

Dear George:

Re yours of 14 August. You are tighter than the bloody paper on the bloody wall.

Sincerely yours,

VAN CAMP FOUNDATION



W. M. Chapman
Director

WMC/reb

cc: Bohnecke
MacLennan

P.s. Rollefson wired today acceptance of meeting at Bergen wmc.

Ref. 033.428(9)
GFH/DKE

20 AUG 1962

The Accountant of ICSU,
2 Via Sebenico,
ROME ITALY

Dear Mr MacLennan,

By now you will have received Dr Chapman's letter of August 14.

There is one small mistake in that, i.e. on p 2, para 1, it is stated SCOR will be paying for Panikkar to go to Paris. This is incorrect, Panikkar is not a member of the Executive. It is probable Panikkar will be in Paris, paid by the Indian Government, to attend the IOC session. If so and if Panikkar wishes, SCOR will pay the extra to Bergen and per diem there. (of my letter of July 24 to Panikkar with copies to you and Chapman).

I think also we should not pay for Postel and I have already written to Chapman to this effect on August 14.

Yours sincerely,



(G.F. HUMPHREY)
President

Copy to Dr Chapman

WPFO 62-5
21 August 1962
San Diego 6, California

TO: Members SCOR Working Party on Fishery Oceanography

FROM: W. M. Chapman

SUBJECT: Proposed Agenda for Bergen Meeting.
The Meeting will begin at 10:00 a.m., September 10 in the
Meeting Room, 10th floor, Institute of Marine Research
BERGEN, NORWAY
* * * * *

PROPOSED AGENDA

1. Adoption of Agenda
2. Consideration of the nature of fishery oceanography and the adoption of a form of words to describe it.
3. Consideration of major general trends in fishery oceanography heretofore
4. Consideration of what scientific objectives fishery oceanography should be striving toward presently
5. Consideration of what progress is needed in other sciences so that the objectives set out in 4 can be attained
6. Drafting of a report on these considerations for presentation to SCOR
7. Other business
8. Adjournment

FILE	033.428(a)
	24 AUG 1962
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✓

Professor T.S.Rass
INSTITUTE OF OCEANOLOGY
ACADEMY OF SCIENCES OF THE USSR

Профессор Т.С.Расс
ИНСТИТУТ ОКЕАНОЛОГИИ
АКАДЕМИИ НАУК СССР

8, Bakhrushin str., Moscow J-127 USSR

Москва, Ж-127, Бахрушина, 8

Dr. G. Humphrey
President
C.S.I.R.O
Box 21, Cronulla
Sydney
Australia

FILE 033 428(9)

4 SEP 1962
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Clerk

August 23 1962.

Dear Dr. Humphrey

I am greatly thankful to you for your kindness in having sent me a copy of your letter from July 24 to the President of Academy of Sciences of the USSR academician M.V.Keldysh concerning my personal attendance at the meeting of Working group on Fisheries Oceanography to be held in Bergen at September 10.

Your letter arrived at August 5 and I received the opportunity to inquire on the subject at the same date.

I am sorry to inform you that my coming to the meeting cannot take place, as I was told that the time left is too short for due procedures.

Thanking you again for your amiability

Sincerely yours

T.S. Rass

T.S.Rass

Our Ref. SCR.
Yr. Ref. WMC/SM.

21st August, 1962

Dear Dr. Chapman,

It is good of you to invite me to attend the meeting of the S.C.O.R. Working Party on Fishery Oceanography which it is planned should meet in Bergen on September 10th. I regret however that other commitments will not allow me to attend at this time.

However the work of the meeting is of interest to the International Whaling Commission and they would be glad to be kept informed of the result of the proceedings.

Yours sincerely,

R. S. Wimpenny
Secretary to the Commission.

Dr. W. M. Chapman,
Van Camp Foundation,
739, Golden Park Avenue,
San Diego 6,
California.

c.c. Chairman I.W.C.
Chairman of I.W.C. Scientific Committee
Dr. Humphrey
Dr. Bohnecke
Dr. Rollefson

CABLEGRAM

HUMPHREY
CORESEARCH
CRONULLA
AUSTRALIA

OWING HEAVY COMMITMENTS REGRET UNABLE
ATTEND BERGEN MEETINGS

PANIKKAR CONSEARCH

Not to be cabled -

Dt. 22.8.62

(N.K. PANIKKAR)
DIRECTOR: INDIAN OCEAN EXPEDITION
CSIR Buildings, Rafi Marg, New Delhi-1.
Telephone: 35657

BY AIR MAIL

Post copy in confirmation to:-

✓ Dr. G.F. Humphrey
President
Conseil International des Unions Scientifiques
Box No.21, Cronulla
SYDNEY (Australia)

c.c. Dr Chapman
Mr MacLennan

FILE 033.428(9)
27 AUG 1962
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1 Ocean. <i>Go</i>
T. Sec.
Libr
Clerk

2 Records } note new *AK*
Typists } address - *SKB*

SECRETARIAT:

ROY I. JACKSON
EXECUTIVE DIRECTOR
HIROSHI KASAHARA
ASSISTANT DIRECTOR

INTERNATIONAL NORTH PACIFIC FISHERIES COMMISSION

ESTABLISHED BY CONVENTION BETWEEN
CANADA, JAPAN AND THE UNITED STATES
FOR THE CONSERVATION OF THE FISHERIES
RESOURCES OF THE NORTH PACIFIC OCEAN

OFFICES:

6640 N.W. MARINE DRIVE
VANCOUVER 8, B.C.
PHONE CASTLE 4-0722
CABLE ADDRESS:
"NORTHCOM"

Dr. G.F. Humphrey,
President,
Special Committee on Oceanic Research,
c/o S.C.I.R.O.,
Box 21, Cronulla,
SYDNEY, N.S.W.,
Australia.

Dear Dr. Humphrey,

033-428(9)

FILED August 22, 1962 27 AUG 1962
Admin. Fish. 1 Ocean <i>GB</i> T. Sec. Libr Clerk

This letter is in further reply to yours of the 12th of June inviting our Commission to be represented at the meeting of the SCOR Working Party on Fishery Oceanography in Bergen beginning on September 10.

I have been given permission to attend the meeting and, subsequently, to attend the second annual meeting of the Intergovernmental Oceanographic Commission in Paris.

My most recent letter from Dr. Chapman indicates that he will send an agenda and some additional materials. Since that time I have received volume I of a document entitled "Comments on Fishery Oceanography".

I have also received a letter from Dr. Gunnar Rollefson, advising of the location of the meetings, and kindly offering to make hotel arrangements. By copy of this letter I am taking the liberty of asking Dr. Rollefson to reserve a single room, with bath, for me for the period from September 9 to 14. I should like to stay at whatever hotel the other delegates are occupying. If there is no particular hotel for this purpose, may I request that the room be at the Orion Hotel. My plans for attendance are dependent upon approval by the United States Government of their full share of our budget for the current fiscal year. A significant reduction in the appropriation would necessitate cancelling my plans. However, I am going ahead with plans, in the hope that the process of budget approval will be completed prior to my intended departure date.

With thanks for your invitation and anticipation of a most interesting meeting,

Yours sincerely,

Roy I. Jackson
Roy I. Jackson,
Executive Director.

RIJ:lmk

c.c. - Dr. W.M. Chapman, Dr. G. Rollefson.