

January 3, 1964

Ref. ZA22/12

GFH/DKE

Dr S.B. Sails,
Aquatic Sciences Information Center,
Taft Laboratory,
University of Rhode Island,
KINGSTON, R.I. U.S.A.

Dear Dr Sails,

Thank you for your letter of December 23 and the attached documents.

I certainly have no objection to copies of the report and recommendations going to the participants. Please tell me whether you wish me to start action on the recommendations now or whether I should wait until you have sent the report to your participants and got their comments. Recommendation 3B I shall certainly bring to the attention of the representatives of WDC A and B at the Paris meeting.

I agree with Recommendation 5 that the WG be kept in operation. Funds will be available for a second meeting; I leave the time and place to you. Japan and Russia have the advantages of giving you access to technical activities in the field; if these are unsuitable to you it might be better to avoid the Northern Hemisphere and to show the flag in South America, Australia or South Africa.

I think you have done a good job with a very difficult problem and I am glad to see that you will be able to give further help. Please accept my sympathy for your family loss and my best wishes for 1964.

Yours sincerely,



(G.F. HUMPHREY)
President

AQUATIC SCIENCES INFORMATION RETRIEVAL CENTER

TAFT LABORATORY
UNIVERSITY OF RHODE ISLAND
KINGSTON, RHODE ISLAND 02881
U. S. A.

January 8, 1964

Dr. G.F. Humphrey, President
SCOR
C.S.I.R.O.
Box 21, Cronulla
Sidney, Australia

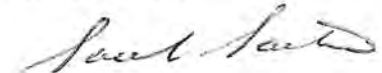
Dear Dr. Humphrey:

I believe that you should start action on the Working-Group recommendations as soon as possible. The report and recommendations will be sent soon to the participants. There was agreement on the recommendations at the time they were made and I tried to keep them in essentially their original form.

It is encouraging to learn that the Working-Group will be maintained and that funds will be available for a second meeting.

Your suggestions concerning a meeting place are appreciated and you will be kept informed of our progress, which should be somewhat faster as a result of the first meeting.

Sincerely,



Saul B. Saila, Chairman

SS/nm

FILE	ZA 22/12
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*Some
recs to
be done*

GFH/SH

Ref. ZA22/12

January 15, 1964

Director,
Office of Oceanography,
U.N.E.S.C.O.,
Place de Fontenoy,
PARIS 7, France.

Dear Dr Fedorov,


The recent meeting of the S.C.O.R. Working-Group No. 12 on "Abstracts and Bibliographies of Use in Marine Sciences" considered the question of coverage and duplication by the various publications.

One of the specific recommendations was that U.N.E.S.C.O. be asked to provide assistance (perhaps the equivalent of one individual for three months) to examine the coverage by the abstracting journals given in the appendix to GRASF and in the lists of the D.H.I.

In passing this recommendation to you I hope that you can assist in this way, thus bringing U.N.E.S.C.O. into more active participation in the field of marine documentation and demonstrating effective collaboration with F.A.O.

If you have any questions or comments on this project please write to Dr Salla with a copy to me.

Yours sincerely,


(G.F. HUMPHREY)
President

Copy to Salla

GFH/SH

Ref. ZA22/12

January 15, 1964

The Secretary,
National Committee on Oceanic Research,
Bernhard-Nocht-Strasse 74,
HAMBURG 4, Germany.

Dear Dr Joseph,

The recent meeting of our Working-Group No. 12 on "Abstracts and Bibliographies of Use in Marine Sciences" considered the present position and made suggestions for improvement. The report will soon be circulated.

It was considered that two of the most important contributions to scientific work were the Current Bibliography for Aquatic Sciences and Fisheries prepared by F.A.O. and the cards prepared by the Deutsches Hydrographisches Institut. A manual check showed that there was some duplication of effort but the full extent of this could be judged only by using automatic processing equipment. This work could be done by the Aquatic Sciences Information Retrieval Center at Rhode Island but a barrier to action at the moment is that the cards of the D.H.I. are not in machine-readable form.

This important contribution of the D.H.I. could be made more useful and important if it could be combined with other contributions such as the Current Bibliography. Again it is a matter of bringing the information on the cards into machine-readable form.

I would be grateful if your committee would consider the importance of this work and see if steps could be taken to provide facilities at the D.H.I. for putting their material into machine-readable form and thus making an even greater contribution to marine work.

Yours sincerely,



(G.F. HUMPHREY)
President

Copy to Saila

GPH/SH

Ref. ZA22/12

January 16, 1964

Executive Secretary,
Committee on Oceanography,
National Academy of Sciences,
2101 Constitution Ave, N.W.
WASHINGTON, 25, D.C., U.S.A.

Dear Mr Vetter,

One of the recommendations of our Working-Group 12 on "Abstracts and Bibliographies of Use in Marine Sciences" was that S.C.O.R. should ask your Committee to help in facilitating collaboration between the Aquatic Sciences Information Retrieval Center and the American Meteorological Society.

The Working-Group thought that it would be advantageous if each of these bodies exchanged material in physical oceanography in a machine-readable form and used compatible codes and indexes so that relevant references with cross references and abstracts from Meteorological and Geostrophysical Titles could be added automatically to the consolidated inventory at ASIRC. In this way the very important contribution of these bodies to marine science would be increased.

I would be grateful for any action NASCO could take to help in this important work.

Yours sincerely,



(G.F. HUMPHREY)
President

Copy to Saila

GPH/IKK

Ref. ZA 22/12

January 16, 1964

The Secretary of IOC,
Office of Oceanography, UNESCO,
Place de Fontenay,
PARIS 7 FRANCE


Dear Dr Fedorov,

The recent meeting of our Working Group No. 12 on "Abstracts and Bibliographies of Use in Marine Sciences" thought that there were closely related problems in the retrieval of information from scientific literature, in the retrieval of information about current, unpublished work and in the exchange, storage and retrieval of data. The solution of problems in one field would help the solution of problems in the other fields.

The Working Group agreed that while data storage and retrieval, and literature storage and retrieval were not the same thing, data centers depend to some extent on the availability of indexed literature lists, and that the forms of reference to literature and its data items and the indexing codes should be at least compatible and preferably identical, and that rules for these should be developed jointly.

I would be grateful if you would bring the above opinions to the notice of participants at the forthcoming meeting of the IOC Working Group on Data Exchange.

Yours sincerely,


(G.F. HUMPHREY)
President

Copy to Ferraleva, WDC-B
Jacobs, WDC-A
Sails

GPH/SH

Ref. ZA22/12

January 16, 1964

Director,
Office of Oceanography,
U.N.E.S.C.O.,
Place de Fontenoy,
PARIS 7, France.

Dear Dr Fedorov,

One of the recommendations of the recent meeting of Working-Group 12 on "Abstracts and Bibliographies of Use in Marine Sciences" was that U.N.E.S.C.O. be asked to arrange that the relevant sections of "Referativny Zhurnal" be made available to the compilers of C.B.A.S.F. and to inquire from the U.S.S.R. Institute of Scientific Information what plans there were for using machine methods.

I would be grateful if you would take steps to implement this recommendation and thus assist this important work.

Yours sincerely,



(G.F. HUMPHREY)
President

Copy to Salla

Ref. ZA22/12

January 15, 1964

Director,
Office of Oceanography,
U.N.E.S.C.O.,
Place de Fontenoy,
PARIS 7, France.

also to: Dr M. Ruivo,
Fisheries Division,
F.A.O.,
Viale delle Terme di Caracalla,
ROME, Italy.

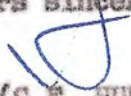
Dear Dr

S.C.O.R. Working-Group No. 12 on "Abstracts and Bibliographies of Use in Marine Sciences" held its first meeting in Plymouth last December. The report will soon be distributed and I would like to draw your attention to Recommendation 1 which reads as follows -

"That UNESCO and FAO be requested jointly to assess the value, costs and practical problems of arranging for a service which would regularly and promptly bring to the attention of marine scientists the contents of a selected group of relevant journals (and of symposium proceedings and review volumes) in the field. To this end it is recommended that a pilot operation be initiated, involving preparation and distribution to specialized libraries of a limited number of copies of a model of such a document, using a list of "core" journals based on preliminary lists, which will be provided, through the Chairman of the Working-Group, by the participants in the first meeting of the Working-Group. It is further recommended that the practicability of such a journal content service being issued as a supplement to existing periodicals, specifically the "Current Bibliography for Aquatic Sciences and Fisheries" or the "International Marine Science" newsletter be carefully considered."

I hope that you will consider this recommendation carefully and find that you can take appropriate action. If you have any questions or comments please send them to Dr Salla with a copy to me.

Yours sincerely,


(G.F. HUMPHREY)
President

Copy to Salla

See W.G. on Abstracts

FOR INFORMATION

NS/9/12E/7

17 January 1964

Dear Mr. Poluchkin,

We read recently with interest your article entitled "The most efficient way of making use of scientific and information materials in the field of Oceanology" in the USSR Journal OCEANOLOGY. We know also that your Institute publishes valuable information and bibliographic material in various issues of REFERATIVNY JOURNAL.

I think you might be interested to learn that at the beginning of December 1963 a meeting was held in Plymouth of the working group of the Scientific Committee on Oceanic Research of ICSU on the bibliography and abstracting in marine sciences. At this meeting a desire was expressed to coordinate better various efforts to provide oceanographers with bibliographic services. One of the recommendations for example was to start publishing on an experimental basis by the joint efforts of Unesco and FAO current contents of the most important oceanographic periodicals in the world. It was also felt that the Current Bibliography for Aquatic Sciences and Fisheries regularly published by FAO should compare its coverage of various fields of marine science with that of other bibliographic services as, for example, the Deutsche Hydrographisches Institut and the Institute of Scientific Information, USSR. The purpose of this comparison would be an improvement in coverage by the said publication of FAO of such subjects as physical, chemical and geological oceanography.

In this connection the SCOR working group of which I am a member particularly asked me to convey to you the following questions:

./..

Mr. V.A. Poluchkin
Deputy Director
Institute of Scientific Information
Academy of Sciences of the USSR
14 Baltiiskya Street
Moscow A-219
U.S.S.R.

- 1) What is approximately the number of bibliographic and abstract entries per year covered jointly by all marine science sections in various issues of REFERATIVNY JOURNAL?
- 2) Can you supply us with a list of periodicals covered by these sections?
- 3) What is the proportion a) of abstracts b) of annotations and c) of bibliographic references issued by your Institute in the field of marine science?
- 4) Do you consider the coverage by the REFERATIVNY JOURNAL of such fields as marine chemistry, marine geology, physiology of marine animals, as adequate?
- 5) What subject headings do you use for further indexing?
- 6) Is coverage of the Russian oceanographic literature in various issues of the REFERATIVNY JOURNAL complete, particularly with regard to monographs?
- 7) Which rules does the Institute of Scientific Information apply to abstracting services? In other words, what rules do authors of abstracts obey?
- 8) Does the REFERATIVNY JOURNAL cover generally only scientific publications or does it cover bibliographic sources too?
- 9) What degree of mechanisation is introduced now into bibliographic services and what kind of code is used : punch cards, punched paper tapes, or magnetic tape ?

Please excuse me for asking so many questions at once but in order to coordinate bibliographic services internationally it is essential to know these details.

It would be a great help for the proposed comparison to receive here in our Office of Oceanography and/or in the Fisheries Biology Branch of FAO, complete sets of issues of the REFERATIVNY JOURNAL related to marine science starting, for example, with 1st January 1964 or, if possible, with 1st January 1963. Please indicate to me in your answer what steps should be taken to ensure receipt of these publications.

Yours sincerely,

K.W. Fedorov
Director
Office of Oceanography

cc: Dr. Saila
Dr. Humphrey, President SCOR
Mr. Holt, FAO

AQUATIC SCIENCES INFORMATION RETRIEVAL CENTER

TAFT LABORATORY
UNIVERSITY OF RHODE ISLAND
KINGSTON, RHODE ISLAND 02881
U. S. A.

January 21, 1964

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Dr. Goeff L. Kesteven
Assistant Chief (Fisheries)
C.S.I.R.O. Marine Lab.
Cronulla, Sydney
Australia

Dear Dr. Kesteven:

Enclosed please find a preliminary copy of the report of the SCOR Working-Group.

I would like to take this opportunity to thank you sincerely for your efforts in making our first meeting a success. It seems to me that we are now in a better position to consider specific matters after the exchange of information at Plymouth.

Dr. Humphrey, President of SCOR, was sent a copy of the recommendations some time ago, and he has already contacted some of the relevant agencies with reference to our first recommendations.

I will attempt to revise Appendix No. 2 in the near future and make it more complete.

Please try to send me your version of the "core" journal list as soon as possible. This will be summarized and circulated to you also.

Feel free to comment on this report, and I will attempt to revise it according to your wishes.

As you will note in this report, Dr. Humphrey has indicated that a second meeting can be held, and arrangements regarding time and place will be made as soon as possible.

Sincerely,



Saul B. Saila
Project Director

sbs:geb
Enclosure (1)

CONSEIL INTERNATIONAL DES UNIONS SCIENTIFIQUES - INTERNATIONAL COUNCIL OF SCIENTIFIC UNIONS

SECRETARIAT:

2, VIA SEBENICO

ROME, ITALIE

TEL. 862555

TÉLÉGRAMMES: ICSU ROMA

PRÉSIDENT: DR. H.W. THOMPSON, OXFORD

SECÉTAIRE GÉNÉRAL: PROF. D. BLAŠKOVIČ, BRATISLAVA

TRÉSORIER: ING. GÉN. G. R. LACLAVÈRE, PARIS

AMR/ds/64/131

30 January 1964

Dr. S.B. Saila,
Aquatic Sciences Information Retrieval Center,
University of Rhode Island,
Kingston, Rhode Island

Dear Dr. Saila,

I would reply to your letter of 24 December 1963 informing me that a SCOR Working Group Meeting on "Abstracts and Bibliographies of use in Marine Sciences" was held in Plymouth, England on 9 - 11 December.

The normal procedure regarding payments for expenses incurred by participants in SCOR meetings is that Dr. Humphrey gives me his written authority to reimburse travel and subsistence. I have not yet heard from him in this respect and would propose that you request his sanction of payment.

I am enclosing 8 copies of ICSU travel claim forms which I should be grateful if you would forward to the participants concerned for completion and returning to me.

Yours sincerely,

A. Madhava Rao
Accountant

Enc.

cc - Dr. G.F. Humphrey

return file

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FOOD AND AGRICULTURE ORGANIZATION
OF THE UNITED NATIONS

Via delle Terme di Caracalla ROME

Cables: FOODAGRI ROME

Telex: 61181 FOODAGRI

Ref. IL 3/2 W.G.

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- 5 FEB 1964	
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JAN. 31 1964

Dear George,

I acknowledge with thanks your letter of 15 January transmitting Recommendation No. 1 which was adopted at the first meeting of the SCOR Working Group No. 12 on "Abstracts and Bibliographies of Use in Marine Sciences". Mr. Holt, who attended your Working Group, has already explored the possibilities of implementing the recommendation and we intend submitting it for the consideration of the ACMRR and later on, in March, to the ACC Sub-Committee on Oceanography, which, as you know, is the body through which inter-agency coordination is discussed.

Yours sincerely,

M. Ruivo
Chief, Research Programs Section
Fisheries Biology Branch

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

GFH/MM

COPY for ZA22/12

Ref. ZA10/3/5

February 3, 1964.

The Secretary,
Special Committee on Oceanic Research,
34 Neuer Wall,
HAMBURG 36, GERMANY

Dear Bohnecke,

Saila has sent me a draft report which he is discussing with the participants. I can distribute the final report from here or send you the approved copy for duplicating and distribution.

Also I can send out notices for the next Executive Meeting but I would like you to help me by giving me your suggestions for the agenda.

Yours sincerely,



(G.F. HUMPHREY)
President

AQUATIC SCIENCES INFORMATION RETRIEVAL CENTER

TAFT LABORATORY
UNIVERSITY OF RHODE ISLAND
KINGSTON, RHODE ISLAND 02881
U. S. A.

February 4, 1964

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

Dear Dr. Humphrey:

Please send a statement to Mr. A. Madhava Rao, Accountant, ICSU, 2, Via Sebenico, Rome, Italy giving written authority to reimburse travel and subsistence to the following participants in the SCOR Working Group No. 12 meeting at Plymouth, England, Dec. 9-11, 1963, inclusive. They are K.N. Federov, S.J. Holt, G. Humphrey, K.H. Meyer-Uhlenried, F. Model, L. Scattergood, S.B. Saila, A. Vandenplas.

This statement is apparently necessary before any reimbursements will be made.

Thank you for your prompt action regarding our first recommendations. We are still waiting for action with reference to ASIRC funding.

Sincerely,



Saul B. Saila
Project Director

sbs:geb

GFH/CJ

Ref. ZA 22/12

February 5, 1964

The Accountant of ICSU,
2 Via Sebenico,
ROME ITALY

Dear Mr Rao,

The SCOR participants in the Plymouth meeting of WG 12 on Abstracts etc., were Dr Salla, Dr Model, Dr Meyer - Uhlenried and Dr Scattergood. Please arrange that travel and subsistence are paid to these scientists.

I note that you have sent claim forms to Dr Salla and I assume he will send them to the relevant people for transmission to you.

Yours sincerely,



(G.F. HUMPHREY)
President

Copy to Salla

GFH/MM

Ref. ZA22/12

February 11, 1964

Dr S.B. Salla,
Taft Laboratory,
University of Rhode Island,
Kingston,
RHODE ISLAND, U.S.A.


Dear Dr Salla,

You probably have already received a copy of my letter of February 5 to Mr Rao.

Your list of people differs from mine in that Fedorov, Holt and Vandenplas are not members of the WG but representatives of intergovernmental agencies. These agencies bear their expenses.

I think Rao will deal with the matter fairly quickly.

Yours sincerely,


(G.F. HUMPHREY)
President

NATIONAL ACADEMY OF SCIENCES
NATIONAL RESEARCH COUNCIL

COMMITTEE ON OCEANOGRAPHY
2101 CONSTITUTION AVENUE, WASHINGTON 25, D. C.

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21 FEB 1964	
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Dr. Humphrey: for your info. Disc

February 17,

Note to: Drs. Elbert Ahlstrom and Milner Schaefer

NASCO Biological Methods Panel Meeting February 24

Data Exchange

As additional background to Joe King's memo to you of February 10, I quote Dr. Humphrey's letter to me of January 16.

"Dear Mr. Vetter:

"One of the recommendations of our Working-Group 12 on "Abstracts and Bibliographies of Use In Marine Sciences" was that S.C.O.R. should ask your Committee to help in facilitating collaboration between the Aquatic Sciences Information Retrieval Center and the American Meteorological Society.

"The Working-Group thought that it would be advantageous if each of these bodies exchanged material in physical oceanography in a machine-readable form and used compatible codes and indexes so that relevant references with cross references and abstracts from Meteorological and Geostrophysical Titles could be added automatically to the consolidated inventory at ASIRC. In this way the very important contribution of these bodies to marine science would be increased.

"I would be grateful for any action NASCO could take to help in this important work."

I discussed Humphrey's suggestion with Joe King who pointed out that Salla and Company are laboring under severe financial problems without enough money to get their biological part of their aquatic sciences information retrieval center under full steam, muchless incorporate an exchange of physical data. It seems to me that NASCO might look into this in some detail. NODC is involved. There may be other groups in the picture.

King suggested that NASCO put this problem on the agenda for their next meeting. I thought that you could do some preliminary work and thinking at your February 24th meeting.

cc: Joseph King, Dr. Kask, Sincerely yours,
Drs. Humphrey, Pritchard

Richard C. Vetter, Executive Secty.

FOR INFORMATION

2A22/12
9 MAR 1964

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NS/9/12E

3 March 1964

Dear Dr. Salla,

I am now answering your letters of 21 January and 4 February which came in my absence.

Thank you for sending me the draft W.G. report. I sent you already some comments on it in my letter of 23 January, inasmuch as I could comment on the substance of recommendations transmitted to me by Dr. Humphrey.

I think you have done an excellent job of combining such a variety of views into a very short but comprehensive report. I have only to note that in Appendix II Referativny Zhurnal is mentioned under "Fisheries" when its place is no doubt in "Oceanography". If there is a field least covered by this publication it is probably fisheries.

It is also somehow unclear to me what you mean under the name "a master current bibliographic list in marine sciences" on the first page of the Report, bottom paragraph. Do you mean combining eventually all the existing services (journals) into a comprehensive one? This seems to me to need clarification.

In your letter of 4 February you ask me to complete a reimbursement form. This is not needed since Unesco paid for my travel.

Yours sincerely,

K.N. Fedorov
Director
Office of Oceanography

Dr. S.B. Salla
Chairman
Aquatic Sciences Information Retrieval Center
Taft Laboratory
University of Rhode Island
Kingston, R.I. 02881
U.S.A.

cc: Dr. Humphrey

ZA 22/12

9 MAR 1964

ADMIN.
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NS/9/89F

3 March 1964

Dear Dr. Jacobs,

On my return from a long trip to Southeast Asia I found on my table a copy of your letter to Dr. Humphrey of 27 February 1964 with regard to handling of oceanographic literature by Data Centers. Your indirect comments on the new Draft Provisional Guide for Exchange of Oceanographic Data are of great interest to me.

As one of the authors of the new Draft, I should like to state that there was no intention "to cut off the flow of literature (and technical information) to the data centers" as you put it. If *any* statement in the new Draft implies this, then I should appreciate receiving comments on this direct and I hope that the appropriate suggestion will be incorporated into the joint comments of the U.S. Delegation.

The only statement which might be questionable in this sense is para.6 "Collection of Publications". However, this is addressed to national agencies and not to the data centers, whose initiative, I feel, is not restricted in any way as regards collection of publications. There might, however, be something which escapes me but which differs so much from the previous Guide as to give the above implication. Please indicate it to me so that I may think of pointing it out when the Draft is discussed at the Third IOC Session.

My personal view is that the Data Centers should not be restricted in their bibliographic activities.

Yours sincerely,

K.N. Fedorov
Secretary

Dr. W.C. Jacobs
Director
World Data Center A
(Oceanography)
Washington D.C.
U.S.A. 20390

cc: Dr. Humphrey ✓

FILE *ZH22/12*
16 MAR 1964
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NS/9/12E

6 March 1964

Dear Dr. Saila,

Thank you for your letter of 2 March.

I think Dr. Humphrey's suggestion to have another meeting of our Working Group later this year is a good one. To hold it in Moscow might be very advantageous. I have just received a long letter from the Deputy Director of the Institute of Scientific Information, Dr. Poluchkin, who answered most of the questions in my recent letter to him, copy of which you have. He also sent me a set of Referativny Zhurnal for 1963 which I shall pass to FAO. I think that Dr. Humphrey should write to Dr. Poluchkin and I will write from my side too, but since it is not a Unesco meeting, all official negotiations should of course be between SCOR and Moscow. However, I think dates should be carefully negotiated because we have another SCOR Working Group Meeting scheduled to be held in Moscow by the end of the year.

Your lack of knowledge of the Russian language should not be too great a handicap.

Yours sincerely,

K.N. Fedorov
Director
Office of Oceanography

Dr. S.B. Saila
Project Director
Aquatic Sciences Information Retrieval Center
Taft Laboratory
University of Rhode Island
Kingston, R.I. 02881
U.S.A.

cc: Dr. Humphrey

Ref. ZA 22/12
Your Ref. 1.11.I

GFH/DKE

March 9, 1964

The Director,
World Data Center A,
Oceanography,
Washington D.C. 20390,
U.S.A.

Dear Dr Jacobs,

Many thanks for your letters of February 27. I must admit the second one took me five minutes to translate.

The Meteorological and Geostrophical numbers were discussed at the Plymouth meeting but not all the ones you sent were on the table. I enclose the receipt record for your files. If you would like me to return the numbers to you, please let me know.

Yours sincerely,



(G.F. HUMPHREY)
President

Encl.

Receipt

ZA 2/12

NATIONAL OCEANOGRAPHIC DATA CENTER
WASHINGTON 25 D.C. 20390
(Please sign and return copy acknowledging receipt)

TO Dr. G. F. Humphrey President Scientific Committee on Oceanic Research CSIRO, Box 21, Cronulla, Sydney, Australia	REFER TO WDC-A letter Ref. 1.11-I
	ATTENTION

THE ITEM(S) LISTED BELOW WERE FORWARDED TO YOU BY


ORDINARY MAIL
 REGISTERED MAIL
 AIR MAIL
 EXPRESS
 GOVERNMENT TRUCK
 BY HAND
 OTHER _____

We are forwarding herewith the following publications:

Meteorological & Geostrophysical TITLES, Vol. 2, No. 7-12, July-Dec. 1962

Meteorological & Geostrophysical ABSTRACTS:

- Vol. 13, No. 5, May 1962
- Vol. 13, No. 9, September 1962
- Vol. 14, No. 4, April 1963
- Vol. 14, No. 5, May 1963

FORWARDED BY (Signature) H. W. DUBACH	TITLE DEPUTY DIRECTOR	DATE FORWARDED
RECEIVED BY (Signature) 	TITLE	DATE RECEIVED Mar 3



IGY WORLD DATA CENTER A
OCEANOGRAPHY
WASHINGTON ~~25~~ D.C., U.S.A. 20390

27 February 1964

Telephone

547-5700 ext. 2753

Ref. 1.11-I

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AIR MAIL

Dr. G. F. Humphrey
President
Scientific Committee on Oceanic Research
CSIRO
Box 21, Cronulla
Sydney, Australia

Dear Dr. Humphrey:

In your letter ZA 22/12 of 16 January 1964, addressed to the Secretary of IOC, concerning the progress of the Working Group on "Abstracts and Bibliographies of Use in Marine Sciences," you mentioned "closely related problems in the retrieval of information from scientific literature, in the retrieval of information about current, unpublished work, and in the exchange, storage, and retrieval of data."

Further, you stated, "The Working Group agreed that while data storage and retrieval, and literature storage and retrieval were not the same thing, data centers depend to some extent on the availability of indexed literature lists"

We appreciated very much indeed receiving these comments of yours to the Secretary of IOC, particularly since they support our contention that a data center which is not also involved in the handling of the literature must, of necessity, be a sterile operation, to say the least. This is a point that is very difficult to communicate to various responsible authorities. Your letter is the most important piece of ammunition which we have received to date, and we shall use it forthwith to attempt to counter the recent Paris action of the Working Group on Data Exchange which, through the new guide on exchange of data, proposes to cut off the flow of literature (and technical information) to the data centers.

Incidentally, in connection with retrieval of data from the literature, I thought your Group might be interested in learning of the work of the American Meteorological Society. For some years they have been engaged in preparing and publishing special bibliographies in the field of meteorology, including, of course, coverage of literature related to air-sea interaction. About 2 years ago the Society expanded its scope of coverage to "physical oceanography;" for over a year now they have assisted both the National Oceanographic Data Center and WDC-A, Oceanography, in data acquisition and literature review effort. In this short period both Data Centers have found this back-up literature reference assistance indispensable in supplying prompt information services.

At present we are exploring with the American Meteorological Society the possibility of reprinting their topical bibliographies related to physical oceanography in a single volume which could be distributed throughout the world oceanographic community.

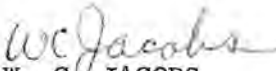
The Society is cataloguing the published holdings of WDC-A covering the IGY. Author-title information is being assembled according to a "Keyword Thesaurus;" it will be machine listed by author, title, and subject. Publication will follow in about six months. A copy of a previously published machine listing is enclosed for your information.

Recent bibliographies are enclosed; these cover Energy Exchange, Sea-Atmosphere, May 1962; Wind Waves and Currents, September 1962; Oceanographic Instruments, April and May 1963. The Society is presently preparing bibliographies on the literature about subsurface and bottom currents; heat flow through the ocean bottom; and on the climatology, upper-air regime, and physical oceanography of the Indian Ocean.

I am enclosing for your personal information a report on the work done by the American Meteorological Society for NODC during the past year.

It was good to see you again in Paris. I hope we will be seeing you in Washington soon.

Sincerely yours,


W. C. JACOBS
Director

Enclosures (SC)

WLM/ehr

Copy to: Dr. Fedorov, IOC
K. C. Spengler, AMS

AQUATIC SCIENCES INFORMATION RETRIEVAL CENTER

TAFT LABORATORY
UNIVERSITY OF RHODE ISLAND
KINGSTON, RHODE ISLAND 02881
U. S. A.

March 17, 1964

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Dr. George Humphrey, President
SCOR
CSIRO
Box 21, Cronulla
Sydney, Australia

Dear Dr. Humphrey:

Reference is made to the letter you recently received from Dr. Federov dated March 6th. I had asked him about the possibility of holding the next Working-Group meeting in the U.S.S.R. and for the name of someone to contact.


It seems to me that a meeting during the second or third week of September would be a good time. Perhaps the 9th through 11th or 15 through 17 might be suggested.

Dr. Federov suggested that you might make a preliminary inquiry to Dr. Poluchkin. Would you be kind enough to write to him? I believe that a meeting in a location where active documentation as well as marine sciences research is in progress would be desirable. This is the reason I am more in favor of the U.S.S.R. than of a location in South America.

I have sent the first approximation of a list of "core" journals to Sidney Holt. Selection of this list was not easy and involved a lot of judgment decisions. He will review the list and it will be distributed to the membership after Holt's comments.

The provisional list of marine sciences and related area abstracting and bibliographic services is also being revised.

Sincerely,


Saul B. Saila
Project Director

sbs:geb
CC: Dr. K.N. Federov, Director

GLK/AM

Ref. ZA22/12

March 17, 1964

Dr S. B. Sails,
Project Director,
Aquatic Sciences Information Retrieval Center,
Taft Laboratory,
University of Rhode Island,
KINGSTON. RHODE ISLAND.

Dear Dr Sails,

Thank you for your letter of January 21 (which arrived here on March 10) with regard to the SCOR working group. I had already seen your report in draft by courtesy of Dr Humphrey and was very impressed with it. At this stage I have no comment to make that would suggest a need for revision.

I enclose herewith a list of the journals in marine sciences whose contents lists are photocopied each month at Cronulla for examination by our staff. I think you may take this to be the core list selected by our staff.

Yours sincerely,


(G. L. KESTEVEN)

Assistant Chief of Division

Encl.

GFH/MM

Copies - Dr Fedorov
Dr Salla

Ref. ZA22/12

March 24, 1964

Dr V.A. Poluchkin,
Institute of Scientific Information,
14 Baltiiskya Street,
MOSCOW A-219, U.S.S.R.

Dear Dr Poluchkin,

You already know about our working-group on Abstracts and Bibliographies of Use in Marine Sciences and about the first meeting in Plymouth. We hope to have a second meeting late this year and would like to meet near an important centre of scientific documentation. Do you think it would be possible to meet in your institute?

The Chairman of the group is Dr Salla (University of Rhode Island, U.S.A.) and other members are Dr Kesteven (G.S.I.R.O., Australia), Dr Meyer-Uhlenried (EURATOM, Italy), Dr Model (Hydrographic Institute, Hamburg) and Dr Scattergood (Bureau of Commercial Fisheries, Washington). FAO, UNESCO and WHO sent observers to the first meeting.

I would be glad to receive an early reply so I could ask Dr Salla to make definite arrangements with you.

Yours sincerely,



(G.F. HUMPHREY)
President



FOOD AND AGRICULTURE ORGANIZATION
OF THE UNITED NATIONS

Via delle Terme di Caracalla ROME

Cables: FOODAGRI ROME

Telex: 61181 FOODAGRI

Telephone: 5797

Ref.

IL-3/2

MAR 26 1964

COPY FOR INFORMATION OF:

Dr. Humphrey

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Dear Saul,

I have just returned from four weeks in Australia, during which time I have had several talks with George Humphrey and others at Cronulla about the SCOR Working Group on Abstracts and Bibliographies. You will have received copy of the Cronulla list of "core" journals. I hope to make up one in the next few weeks. Meanwhile I wonder if we could start some exploration of the possibilities of having prepared a "Current Contents" for marine (and fresh-water?) sciences? Some possibilities are:

a) the ISI (Garfield) add the marine "core" journals to the Chemical and Life Sciences Section of "Current Contents".

b) ISI take on the publication, say quarterly, of a special "Marine Sciences" section, which would include also some general periodicals like "Nature" and "Science", and also lists of contributions to special symposia, including meetings of fisheries councils and commissions.

c) FAO produce a quarterly, and sell it or give it away.

d) ASIRC produce it and sell it (perhaps with initial help from FAO). At this stage it would perhaps be a good idea if someone talked to Garfield, to see if he would consider alternatives a) or, I think preferably b), and also find out from him what sorts of problems - such as copyright - we might run into if FAO or ASIRC tried to do it.

If you could go down to Philadelphia, I am sure either SCOR or FAO could pay your expenses for a few days.

I am also attracted by the OATS (Original Article Tear Sheet service) that Garfield gives in association with "Current

Dr. S. Salla

Aquatic Sciences Information Retrieval Centre
Taft Laboratory
University of Rhode Island
Kingston, Rhode Island
USA

Contents". What do you think of it?

I think the idea of the Working Group next meeting in Moscow is a good one - especially for the chance to see the USSR Institute for Scientific Information. Geof Kesteven would like the meeting at about the time he is likely to be in Europe for the Whaling Commission Meeting (June - July), or, perhaps preferably, just before or after the next meeting of the IPFC, which is in Malaya, 16-31~~st~~ October 1964. Either I think would suit us, but it might be that even later in the year would be more convenient for others, and more preparations will have been done.

Yours sincerely

S.J.Holt
Chief, Fisheries Biology Branch

FOR INFORMATION

14 APR 1964
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1 April 1964

Dear Dr. Sails,

I think I owe you a translation of Dr. Poluchkin's letter to which I referred in my letter to you of 6 March. As Chairman of our working group, you are certainly free to do what you like with this information. Most probably you should circulate it to members of the working group. By sending a copy of my letter to Humphrey and Holt I am already bringing it to their attention.

The following is a brief summary of answers in the same order as I put the questions in my letter to Dr. Poluchkin of 17 January, copy of which you have.

1. The general number of information items (abstracts, annotations and bibliographic references) in oceanology which are published in geographical issues of the Referativny Zhurnal is about 2500 - 3000 per year. There is no precise information on the number of references in issues "Geology" and "Biology" but one might assume that the total number of oceanological publications treated by our Institute is about 3000 per year.
2. About 6000 periodical publications are used in the Institute for extracting geographical items. Out of this number only 500 are purely geographical periodicals. It is difficult at present to estimate the number of magazines publishing oceanographic articles. This, however, can be done if necessary.
3. Among published items there are 67% of abstracts, 22% of annotations and 11% of bibliographic references.
4. It is difficult to answer this question since scientific papers in various fields mentioned are being treated in different issues of the Referativny Zhurnal.

Dr. S.B. Sails
Project Director, Aquatic Sciences Information Retrieval Center
Taft Laboratory
University of Rhode Island
Kingston, R.I. 02881
U.S.A.

./..

cc: Dr. Humphrey
Mr. S.J. Holt

5. UDC is being used currently for indexing oceanographic items.
6. Practically all the oceanological papers published in the USSR are covered in the Referativny Zhurnal.
7. The question was misunderstood and answered with regard to requirements applied to abstractors and not to abstracts, i.e. their qualifications, knowledge of languages, etc.
8. Yes. Bibliographic sources are being used but it is a general rule that every paper found in a bibliographic source is being ordered and received by the Institute.
9. All kinds of mechanisation is used in the Institute, from the simplest search systems with punched cards to modern search and retrieval systems combined with electronic computers.

I am currently writing to Dr. Poluchkin asking him to present me with a list of periodicals and other sources of oceanographic items.

I have already received a set of Referativny Zhurnal "Geography" for 1963 and have despatched it to FAO. I am very sorry that my workload prevents me from putting down a list of "Core" Journals. I would prefer to receive from you a version made up on the basis of your and Dr. Holt's information and to insert into it my own suggestions, rather than do it as a separate thing. It might be that by the time I receive it from you I will have Dr. Poluchkin's list which would greatly facilitate my task.

Yours sincerely,

K.N. Fedorov
Director
Office of Oceanography

P.S. Dr. Poluchkin has enclosed with his letter a reprint of his work "Mechanisation and Automatisation of Information Services". It is in Russian and I don't have time to translate it. Therefore I am sending you a Xerox copy of it under separate cover.

place de Fontenoy
Paris-7^e



united nations educational, scientific and cultural organization
organisation des nations unies pour l'éducation, la science et la culture

FOR INFORMATION

telephone : SUFFren 98-70,
SUFFren 86-00, SOLferino 99-48
télégraphe : UnescoParis
telex : 27602 Paris

Personal

in your reply, please refer to :
en répondant, veuillez rappeler :

n° NS/9/12E

3 April 1964

Dear Dr. Model,

You undoubtedly remember the SCOR Working Group recommendation with regard to sending a specialist in oceanographic bibliography to FAO for about three months to work on comparison of the Current Bibliography on Aquatic Sciences and Fisheries with other bibliographic sources. Now I should like to enquire whether you yourself, or one of your colleagues, would be interested in accepting this job. I think you are aware that certain steps have already been taken to convene a second meeting later this year, possibly in October. In my opinion this is the only time-limiting factor for the completion of this job. I have written a letter with an analagous suggestion to the USSR Institute of Scientific Information and if they also are interested I am sure we could easily send two people to Rome for 2 to 2½ months. Do you think this period would be sufficient to accomplish the work required?

Yours sincerely,

K.N. Fedorov
Director
Office of Oceanography

Dr. F. Model
Deutsches Hydrographisches Institut
Bernhard-Nocht-Strasse 78
Hamburg 4, Germany

cc: Dr. Saila
Mr. Holt
Dr. Humphrey ✓

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AIR MAIL

Dr. K. N. Fedorov
Secretary
Intergovernmental Oceanographic Commission
UNESCO
Place de Fontenoy
Paris 7^e, France

Dear Dr. Fedorov:

Thank you for your letter of 31 March 1964.

Your suggestions are constructive and quite acceptable to me. They should largely resolve the problems I mentioned in my letter of 12 March 1964.

Many thanks for your cooperation.

Sincerely yours,

W. C. JACOBS
Director

WLM/ehr

Copy to: Dr. Tait
Dr. Humphrey ←

Blind copy to: Dr. Hart
Codes 2001, 2400.1

AQUATIC SCIENCES INFORMATION RETRIEVAL CENTER

TAFT LABORATORY
UNIVERSITY OF RHODE ISLAND
KINGSTON, RHODE ISLAND 02881
U. S. A.

April 24, 1964

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

Dear Dr. Humphrey:

I have also written Dr. Poluchkin regarding my enthusiasm for a second working-group in Moscow. I have written the membership and suggested the dates November 3, 4, 5, 1964, as a possibility. Do you have any comments or suggestions for an alternative time?

Enclosed please find a copy of the revised report of the first meeting. The major revision involves the list of abstracting and bibliographic services in marine sciences and related areas. It is believed to be reasonably complete. I'm also sending a copy of this revised report to Dr. G. Bohnecke. He asked me to whom the report should be sent. I have indicated the participants and members as well as the relevant international agencies to whom you have sent letters.

Dr. Federov's questions and answers regarding the Referativny Zhurnal have been sent to the membership.

Some progress is being made on the "Current Contents" core list. I have a very tentative first approximation to this which is enclosed. Your help in improving this will be sincerely appreciated. My choices were based on wide geographic and subject matter coverage.

Sincerely,



Saul B. Salla
Chairman

sbs:geb
Enclosure (2)

Report of SCOR Working-Group 12 on Abstracts and
Bibliographies of Use in Marine Sciences

The first meeting of the Working-Group was held at the Laboratory, Marine Biological Association of the United Kingdom, Plymouth, England, on December 9-11, 1963, inclusive.

Appendix #1 provides a list of names and addresses of members of the Working-Group, as well as participants in the first meeting.

The terms of reference of the Working-Group are:

1. To state the present position regarding marine abstracts and bibliographies.
2. To state what improvements marine scientists would like.
3. To state what improvements can be brought into practice.

Although a provisional agenda for the meeting was suggested, it soon became apparent that a general exchange of background information was necessary before considering agenda items systematically. The following represent statements of some of the ideas put forth and some of the bases for recommendations which are included in Appendix #111.

It seemed clear from the outset that marine sciences are multi-disciplinary in nature, and that publications in the marine sciences are distributed through a wide range of journals, reports and other publications. That there is a growing literature in the marine sciences; and that the rate of growth is increasing was recognized. An opinion was also expressed that the current education of most marine scientists does not provide for a realistic appreciation of the magnitude of the literature problem.

Exact information regarding several questions pertaining to marine sciences abstracting was incomplete or lacking. One of these questions concerned the number of marine sciences abstracting and bibliographic services now available. Appendix #11 of this report indicates a provisional list which was assembled by the Working-Group.

Biological
A suggestion was made to utilize the experience of scientific libraries and their staff with reference to the use of abstracting and bibliographic services by marine scientists. The valuable advice and suggestions of librarians from the National Institute of Oceanography, Wormley, and from the Marine Bibliographical Association of the United Kingdom were available to the Working-Group. This assistance was highly constructive and further comments and suggestions from scientific librarians will be obtained.

It was deemed essential that a master current bibliographic list of marine sciences literature be available to working scientists. By this is meant the consolidation of virtually all relevant references relating to studies of the ocean, its contents and boundaries, and the application of such studies to practical problems. The present status of such a list was discussed, and it was concluded that no complete list was now prepared. The improvements which marine scientists would like were considered. Specific steps to bring some of the proposed improvements into practice are found in Appendix #3, Recommendation #2 of this Working-Group. It was the consensus of the group, that such a list must be comprehensive, available quickly and be inexpensive and relatively simple to use. If such a bibliographic list (with annotations) is well conceived it can serve as a basis for retrospective searches.

In addition to the bibliographical list, a study of the utility of a current title list of "core" journals was suggested Appendix #3 Recommendation #1. The Work-Group participants have set themselves the task of assisting in the definition of such a list, numbering approximately 50 journals. Reference is made to a mimeographed report entitled: Aquatic Biology Serials A Worldwide List of Titles (Both Current and Ceased) with Selected Descriptive Information, BSCP 11-63, August, 1963, available from the Biological Sciences Communications Project, The George Washington University, Suite 700, 2000 P Street, N.W. Washington 6, D.C. as a partial guide to selection. The Chairman of the Working-Group indicated that he will tabulate and summarize the information on "core" journals to be provided by the meeting participants and make it available to the UNESCO Office of Oceanography and to FAO.

The concept of a marine sciences communication network, which involves data exchange and retrieval, literature retrieval and the exchange of information concerning activities of individuals and institutions was considered sufficiently important to warrant consideration at this time. The results of discussion are presented in Appendix #111, Recommendation #3. It is clear that continuing efforts toward the establishment of an effective marine sciences communication system, in which marine science abstracts and bibliographies play an important role, are necessary. It is especially important that close liaison and collaborative efforts toward system compatibility be effected at the early stages of the development of data and information centers.

Considerable discussion was held regarding marine sciences abstracts, including definitions, abstract availability and utility. Appendix #111, Recommendation #4 states the present position regarding this matter. A modest study of abstracting problems from the point of view of coverage by abstract journals of existing literature is also indicated in this recommendation. The ISO and UNESCO recommendations for improvements in the publication of scientific periodicals were considered and specific recommendations to the editors of major marine sciences journals were made as another step toward bringing some improvements into practice.

The membership felt that the first meeting was constructive and informative. However, it was the desire of the Working-Group to conduct further studies of marine sciences abstracts and bibliographies and a recommendation (Appendix #11 Recommendation #5) was made to ask SCOR to maintain the Working-Group and to provide funds for a second meeting.

An early revision of the provisional list of marine sciences abstracting and bibliographic services will be forthcoming. Further additions to the preliminary report will be made and sent to the membership of the Working-Group from time to time.

A second meeting of this Working-Group is tentatively planned during the latter part of 1964. The exact time and place will be decided at the earliest opportunity in order to permit adequate planning.

Appendix #1

List of names and addresses of participants in SCOR Working Group on
"Abstracts and Bibliographies of Use in Marine Sciences"
December 9-11, 1963

¹⁰ # Saul B. Salla
ASIRC
University of Rhode Island
Kingston, Rhode Island, U.S.A.

Mr. E.F. Akyuz
Research Programs Section
Fisheries Biology Branch
FAO
Viale delle Terme di Caracalla
Rome, Italy

#Dr. K.H. Meyer-Uhlenried
Centre de Traitement de l'
Information Scientifique
Group Documentation Automatique
EURATOM, Centre Commun. de Recherche
Casella Postale No. 1
Ispra (Varese), Italy

Dr. L.H.N. Cooper
Marine Biological Association
of the U.K.
Citadel Hill
Plymouth, Devon, England

#Dr. F. Model
Deutsches Hydrographisches
Institut
Bernhard-Hocht-Strasse 78
Hamburg 4, Germany

2 Dr. K.N. Federov, Director
Office of Oceanography
UNESCO
Place de Fontenoy
Paris 7, France

Mr. D.W. Privett, *Librarian*
National Institute of Oceanography
Wormley
Godalming, Surrey, England 9

6
3
4
5
*Mr. E. Gross
International Atomic Energy Agency
Karlnering 11
Vienna, Austria.

Dr. F.S. Russell, Director
Marine Biological Association
of the U.K.
Citadel Hill
Plymouth, Devon, England

Mr. F.R. Harden Jones
Ministry of Agriculture, Fisheries
and Food
Fisheries Laboratory
Lowestoft, Suffolk, England
for ICES

#Mr. L. Scattergood
U.S. Fish and Wildlife Service
Bureau of Commercial Fisheries
Washington 25, D.C.

Mr. S.J. Holt, Chief
Fisheries Biology Branch
FAO, Viale delle Terme di Caracalla
Rome, Italy

Miss L.M. Serpell, Librarian
Marine Biological Association
of the U.K.
Citadel Hill
Plymouth, Devon, England

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

Mr. G.M. Spooner
Marine Biological Association
of the U.K.
Citadel Hill
Plymouth, Devon, England

#Dr. G.L. Kesteven
C.S.I.R.O. Marine Laboratory
Cronulla
Sydney, Australia

Dr. A. Vandenplas
Institute of Royal Meteorology
3 Avenue Circulaire
Uccle-Bruxelles 18, Belgium

*Not Present
#*Working-Group members

AQUATIC SCIENCES INFORMATION RETRIEVAL CENTER

TAFT LABORATORY
UNIVERSITY OF RHODE ISLAND
KINGSTON, RHODE ISLAND 02881
U. S. A.

April 27, 1964

Dr. G.L. Kesteven
C.S.I.R.O. Marine Laboratory
Cronulla
Sydney, Australia

Dear Dr. Kesteven:

Reference is made to the SCOR Working-group. Enclosed please find a copy of a list of questions and answers which were prepared by Dr. Federov in accordance with one of our recommendations. You should also be aware of the fact that Dr. Federov has also arranged for a portion of the Referativny Zhurnal to be sent to Holt. This has been done.

I received the Cronulla list of core journals, and it is appreciated. Enclosed also is my first approximation to a "core" list which is an effort to provide wide geographic and subject matter coverage. I'm not happy with it and I would certainly appreciate your comments and suggestions. We have actively been exploring the mechanics of producing a "current contents" type of publication. Nothing firm has been decided yet. Also please find a revised list of relevant abstracting and bibliographic materials. It includes Holt's list which he sent some time ago as well as some corrections and additions suggested by the Working-Group.

It would be desirable to plan for our next meeting. Would the dates November 3, 4, 5, 1964 at Moscow be satisfactory to you?

Sincerely,



Saul B. Sails
Chairman

sbs:geb

Enclosure

FILE ZA 22/12
4 MAY 1964
ADMIN. CLERK EDITOR FISH F.O.O. LIB. OCEAN SEC.

1 *R/S H.V.*

Questions and a summary of answers relating to "Referativny Zhurnal" provided by Dr. Federov, Director, UNESCO, Office of Oceanography, in accordance with recommendation No. 2 B of the Working-Group.

1) What is approximately the number of bibliographic and abstract entries per year covered jointly by all marine science sections in various issues of REFERATIVNY JOURNAL?

ANSWER 1. The general number of information items (abstracts, annotations and bibliographic references) in oceanology which are published in geographical issues of the Referativny Zhurnal is about 2500 - 3000 per year. There is no precise information on the number of references in issues "Geology" and "Biology" but one might assume that the total number of oceanological publications treated by the institute is about 3000 per year.

2) Can you supply us with a list of periodicals covered by these sections?

ANSWER 2. About 6000 periodical publications are used in the Institute for extracting geographical items. Out of this number only 500 are purely geographical periodicals. It is difficult at present to estimate the number of magazines publishing oceanographic articles. This, however, can be done if necessary.

3) What is the proportion a) of abstracts b) of annotations and c) of bibliographic references issued by your Institute in the field of marine science?

ANSWER 3. Among published items there are 67% of abstracts, 22% of annotations and 11% of bibliographic references.

4) Do you consider the coverage by the REFERATIVNY JOURNAL of such fields as marine chemistry, marine geology, physiology of marine animals, as adequate?

ANSWER 4. It is difficult to answer this question since scientific papers in various fields mentioned are being treated in different issues of the Referativny Zhurnal.

5) What subject headings do you use for further indexing?

ANSWER 5. UDC is being used currently for indexing oceanographic items.

6) Is coverage of the Russian oceanographic literature in various issues of the REFERATIVNY JOURNAL complete, particularly with regard to monographs?

ANSWER 6. Practically all the oceanological papers published in the USSR are covered in the Referativny Zhurnal.

7) Which rules does the Institute of Scientific Information apply to abstracting services? In other words, what rules do authors of abstracts obey?

ANSWER 7. The question was misunderstood and answered with regard to requirements applied to abstractors and not to abstracts, i.e. their qualifications, knowledge of languages, etc.

8) Does the REFERATIVNY JOURNAL cover generally only scientific publications or does it cover bibliographic sources too?

ANSWER 8. Yes. Bibliographic sources are being used but it is a general rule that every paper found in a bibliographic source is being ordered and received by the Institute.

9) What degree of mechanisation is introduced now into bibliographic services and what kind of code is used: punch cards, punched paper tapes, or magnetic tape?

ANSWER 9. All kinds of mechanisation is used in the Institute, from the simplest search systems with punched cards to modern search and retrieval systems combined with electronic computers.

Ref. ZA22/12

May 4, 1964

The Secretary of SCOR,
34 Neuer Wall,
HAMBURG 36, GERMANY


Dear Bohnecke,

Dr Sails has sent me a copy of his report and has told me he has sent a copy to you for duplicating and distributing. I think it should be sent to the members of the WG, the participants in the first meeting and our usual distribution list of SCOR members, national committees and international bodies. If you can arrange this please do so, if not tell me and I shall arrange it.

I noticed the following misprints -

1. p 1, para 7 "Bibliographical" should be "Biological"
2. Appendix 1. Sails should have a #
Fedorov
Gross should not have #
Atomic
Kernterring 1
Humphrey should not have #
Add "Librarian" after "Privett"
Last line, delete * after #
3. Appendix 3, line 5 "operation"
second page, (2) C should be
U.S. National Academy of Sciences Committee
for Oceanography
third page, (3) B) IOC

Yours sincerely,


(G.F. HUMPHREY)
President

Copy to Sails

(on Sails's copy)

I can see no objection to November 3, 4, 5 as a meeting time. It is for you and the members of the WG to decide.

AQUATIC SCIENCES
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University Of Rhode Island
Kingston, Rhode Island

May 14, 1964

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Dr. H.E. Landsberg, Chairman
Advisory Board, Meteorological and Geostrophysical Abstracts
U.S. Weather Bureau
Washington 25, D.C.

Dear Dr. Landsberg:

Reference is made to C-1, your letter dated April 7, 1964.
It is a privilege to assist you by providing some of my views
regarding Meteorological and Geostrophysical Abstracts.

In general, there is no question about the value of Meteorological
and Geostrophysical abstracts. It is recognized as an outstanding
publication of its kind.

With regard to specific comments on: (1) scope of
publication (2) adequacy in abstracting, (3) desirability of
publishing selected bibliographies with abstracts in each
issue, (4) desirability of publishing titles which appeared in
recent issues of periodicals pertaining to the field, covered,
(5) collaboration, I'll try to make some suggestions in the
order indicated above.

- (1) I believe that the scope of the publication is adequate.
It seems to me that there will inevitably be some overlap
among abstracting journals, and this is not undesirable.
If it has not already been done, I would strongly urge
that a comprehensive list of all periodicals which contain
material on meteorology or geophysics from which pertinent
articles are abstracted be made and disseminated to
subscribers and, more importantly, to other abstracting
journals. This list might take the form of FAO Fisheries
Biology Technical Paper No. 19. Vol. 1, entitled "World
List of Periodicals for Aquatic Sciences and Fisheries".
The relevant abstracting and bibliographic services can
be found in Report No. 102, National Federation of Science
Abstracting and Indexing Services, entitled "A Guide to
the World's Abstracting and Indexing Services in Science
and Technology."

- (2) From my limited experience as well as the experience of some colleagues, the abstracts are adequate. Indeed, I would label them as highly informative rather than of an indicative nature. It might be possible to reduce the length of abstracts in subject areas peripheral to the scope of the abstract journal. Its apparently done, although I don't recommend it. I am under the impression that the "Referativny Zhurnal" uses this technique as well as adjusting length of abstracts according to the significance of the article. I believe there is a real difference between abstract journals, such as Meteorological and Geostrophysical Abstracts, which produces relatively complete informative abstracts and "The Current Bibliography for Aquatic Sciences and Fisheries" which is concerned only with indicative abstracts or titles. I believe both kinds of services are desirable, and it is my opinion that they should be separate because they serve different needs.
- (3) I think that publishing selected bibliographies with abstracts in each issue has some advantages, but I think the disadvantages outweigh the advantages. Firstly, selected bibliographies are valuable only to some fraction of the users of the journal. It seems to me the bibliography is something to be generated by individual needs and not the needs of a broad class of users. That is, a general bibliography is not totally relevant to anyone. Furthermore unless the bibliography is truly comprehensive I think it tends to delude people into thinking they actually have control of the literature in a particular area. Most important, unless some mechanism is set up to regularly up-date bibliographies their value is limited. I certainly don't believe bibliographies with abstracts are necessary in the journal. In general, I believe that bibliographies created as retrospective searches of literature tailored to the needs of an inquirer are useful. This, of course, should be a mechanized information retrieval operation.
- (4) I presume you are referring to a "Current Contents" type of service or something closely related. I am sure that Eugene Garfield, Institute of Scientific Information, would be in a good position to comment specifically.
- (5) Collaboration. Enclosed please find one of the recommendations of the SCOR Working Group No. 12 which is relevant. Specifically, we at ASIRC will be prepared in the near future to send to Meteorological and Geostrophysical Abstracts magnetic tapes at regular intervals which contain the physical oceanographic and meteorological material of the "Current Bibliography for Aquatic Sciences and Fisheries". A choice of "tape density of 200 or 556 BPI of fixed length records in binary coded decimal and a choice of blocked or unblocked records with any convenient blocking factor can be made. If some reciprocal exchange with material from "Meteorological and Geostrophysical Abstracts" as well as the "Current Bibliography for Aquatic Sciences and Fisheries"

and ASIRC would benefit. I am also taking the liberty of enclosing a copy of a paper which describes our efforts with the so-called "tape-type-writer" plan as a matter of information and a possible mechanism for collaboration.

It should also be mentioned that the SCOR Working Group No. 12 is considering at this time a "current contents" type of service to the marine sciences. A preliminary list of approximately 50 core journals has been prepared and various means for implementing the service are being explored.

If there is any other way I can help you in my capacity as Chairman of the Working Group or with reference to our work at the Aquatic Sciences Information Retrieval Center, please feel free to call on me. I'm pleased to have had this opportunity to comment, and I sincerely hope that we have demonstrated our desire to collaborate.

Sincerely,

Saul B. Salla
Chairman, SCOR Working Group No. 12

sbs:geb

CC: S.J. Holt
G.F. Humphrey

Enclosures

AQUATIC SCIENCES
INFORMATION RETRIEVAL CENTER

University Of Rhode Island
Kingston, Rhode Island
June 1, 1964

TO: Dr. K. H. Federov, Mr. S. J. Holt, Dr. G. Humphrey, Dr. G. L. Kesteven, Dr. K. H. Meyer-Uhlenried, Dr. F. Model, Mr. L. Scattergood, Dr. A. Vandenplas

SUBJECT: SCOR Working-Group No. 12, Progress and Information on "Current Contents" for aquatic sciences

FROM: Saul B. Salla

I have been in contact with Dr. Eugene Garfield, Director, Institute for Scientific Information, 325 Chestnut Street, Philadelphia, Pennsylvania regarding the possibility of publishing our proposed "Current Contents" through the above agency. Dr. Garfield indicates from our first "core" list that if 500 - 1,000 subscribers can be obtained a special edition of "Current Contents" can be provided by his agency for \$50 per year. It is also possible to obtain a special insert to the present edition of "Current Contents." Then, if a group subscription were arranged, the whole package could be supported by \$50 per man per year.

Enclosed please find one copy each of the SCI Brochure, QATS Brochure, and ASCA Description and Specimen.

Please indicate to me what your opinions of the cost considerations, estimate of potential subscribers and desirability of further examination of this approach are. I plan to meet with Dr. Garfield as soon as I have further information from you.

I have not received any final word from the U. S. S. R. regarding the next meeting place and date. You will be informed as soon as more information is obtained.

sbs:geb

Enclosures



NS/9/12E

12 June 1964

Dear Dr. Sails,

Thank you for your letter of 1 June 1964, addressed to all members of SCOR Working Group No.12. Personally, to me, the suggestion of Dr. Garfield looks attractive. However, the price of \$50 for annual subscription, which means \$4 per monthly copy, seems to be a bit high. I am of course judging by our Russian standards of the cost of books. I would abstain from further comments at this moment since I am very busy with our IOC Session but I shall try to use this assembly of various people here to discuss the problem with them and later on I might have more thoughts on the matter. I send under separate cover, airmail printed matter, a copy of the letter I received recently from Mr. Poluchkin of the Institute of Scientific Information of the USSR, plus the list of periodicals they use for the coverage of oceanographic items in their Referativny Zhurnal "Geographia". In the letter Mr. Poluchkin says that it is not for his Institute to decide upon the question of organising the meeting in Moscow. This I told Dr. Humphrey, who is presently here, asking him to write to the Academy of Sciences Foreign Department. No doubt, of course, Mr. Poluchkin transmitted Dr. Humphrey's letter to the appropriate authorities but an additional letter addressed directly to them would, I believe, do some good.

I think the list of periodicals supplied by Mr. Poluchkin will be of interest to you and I strongly advise you to compare it with your "core" list.

Yours sincerely,

K.N. Fedorov
Director
Office of Oceanography

Dr. S.B. Sails
Aquatic Sciences Information
Retrieval Center
University of Rhode Island
Kingston, R.I.

cc: Dr. Humphrey ✓

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AQUATIC SCIENCES INFORMATION RETRIEVAL CENTER

Taft Laboratory
University of Rhode Island
Kingston, Rhode Island 02881
U. S. A.

June 24, 1964

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

FILE ZA22/12
JUN 29 1964
ADMIN.
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SEC.

Dear Dr. Humphrey:

I recently received a letter from Dr. V. A. Polushkin, Institute of Scientific Information, U. S. S. R., as well as from Dr. Federov. You are already aware of the contents of Dr. Federov's note.

Polushkin's letter to me indicated an interest in our Working-Group activities, but because his institute is not officially represented the decision regarding the meeting could not be resolved. Dr. Kort, although invited to membership and participation, has not been very active. Is it possible for you to invite Dr. Polushkin to membership, either in addition to Dr. Kort or in his place?

If the issue of a meeting in Moscow cannot be resolved soon, I would like to suggest Tokyo as an alternative. I think that a meeting at the University of Tokyo with Dr. Hidaka and the Japan Information Center of Science and Technology could be useful. However, before considering the alternative I will send a letter to the U. S. S. R. Academy of Sciences Foreign Department and wait for a reasonable length of time for a reply.

It still seems to me reasonable to try for meeting dates some time in November or December.

Sincerely,

Saul
Saul B. Saila
Chairman

sbs:geb

GFH/MM

Ref. ZA22/12

June 29, 1964

Academician E. Fedorov,
Academy of Sciences of U.S.S.R.,
MOSCOW, U.S.S.R.

Dear Academician Fedorov,

SCOR wishes to help marine scientists throughout the world to have better access to scientific literature. In 1963 SCOR formed a working-group on "Abstracts and Bibliographies of Use in Marine Sciences". The first meeting was held in Plymouth, U.K.

I hope there can be a second meeting late this year and would like it to be near an important centre of scientific documentation. Would it be possible for the meeting to be at your Academy's Institute of Scientific Information in Moscow?

The Chairman of the group is Dr Salla (University of Rhode Island, U.S.A.) and other members are Dr Kesteven (C.S.I.R.O., Australia), Dr Meyer-Uhlenried (EURATOM, Italy), Dr Model (Hydrographic Institute, Hamburg) and Dr Scattergood (Bureau of Commercial Fisheries, Washington). FAO, UNESCO and WMO sent observers to the first meeting.

I think these experts would appreciate the stimulus of visiting the Soviet Institute and that their meeting would be helped by contact with Soviet experts. I hope that it will be possible for arrangements to be made.

Yours sincerely,



(G.F. HUMPHREY)
President

Copy to Salla
UNESCO

August 18, 1964

FILE ZA 22/12
21 AUG 1964
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Dr. Kozi Hidaka
Professor of Oceanography
University of Tokyo
Tokyo, Japan

Dear Professor Hidaka:

I am writing to you as chairman, SCOR Working Group No. 12 on "Abstracts and Bibliographies of Use in Marine Sciences." The working group has a truly international membership. A list of members and participants in our first meeting, held at the Marine Biological Association of the United Kingdom, Plymouth, England, on December 9-11, 1963, is enclosed, as well as our preliminary report.

My purpose in writing to you is to respectfully ask whether you would be willing to act as a host for the next meeting which we would like to hold at Tokyo in December of this year. Tentatively, the dates of December 14 through 16, 1964, would be appropriate for us if they are suitable for you.

Specifically, we would need a conference room suitable for about twenty people and we would appreciate your recommendations for hotel accommodations. It would be desirable perhaps if you could arrange for hotel facilities or suitable rooms in the vicinity of Tokyo University. Also, if the meeting place is acceptable to you, we would like some indication from you of how one can get from the airport to the lodging area.

You and any of your interested colleagues are cordially invited as observers. In view of your own bibliographic experience, this would be highly desirable, and I urge you to participate.

It would also be highly interesting and useful if the SCOR Working Group could visit the Japan Information Center of Science and Technology, and obtain some representation from this organization at the proposed meeting.

Finally, your assistance in asking Japanese marine scientists from various parts of Japan who are interested in this subject to attend our meeting would be appreciated.

August 18, 1964

I realize that this is a somewhat late date for such a request. However, our prior plans for a meeting did not meet with success. Please try to answer my letter at your earliest convenience.

Respectfully,



Saul B. Saila
Director

SBS:ko

Enclosures

CC: G. F. Humphrey, President, SCOR ✓

AQUATIC SCIENCES INFORMATION RETRIEVAL CENTER

**TAFT LABORATORY
UNIVERSITY OF RHODE ISLAND**

KINGSTON, RHODE ISLAND

U. S. A.

October 22, 1964

Dr. George F. Humphrey, Pres., SCOR
C. S. I. R. O.
Box 21
Crunulla, Sydney, Australia


Dear Dr. Humphrey:

The expense claim sent by FAO regarding Sidney Holt's expenses for the SCOR Working Group meeting at Plymouth was mailed you in my previous letter. There were no other materials.

Dr. Koji Hidaka will be in Honolulu from October 1st through March 31, 1965, and he cannot act as host to a meeting of the Working Group during this time. Perhaps this is not too unfortunate because Dr. Model has strongly recommended that we implement our initial recommendations as much as possible before considering new ones. We are currently providing him with specifications for a Flexowriter compatible with the machines now in Rome. We at ASIRC are working on a permuted title and abstract listing of the Current Bibliography. The "Core-journal" list has been reviewed by Model who indicates that a number like fifty journals for which titles would be disseminated could not provide adequate coverage to be worth much. I have to send out a circular letter soon indicating some of our progress.

I have still heard nothing from the U. S. S. R. regarding a meeting in Moscow. I will continue to explore possibilities for Japan.

Sincerely,


Saul B. Salla
Director

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SBS:ko

AQUATIC SCIENCES INFORMATION RETRIEVAL CENTER

TAFT LABORATORY
UNIVERSITY OF RHODE ISLAND
KINGSTON, RHODE ISLAND 02881
U. S. A.

December 15, 1964

Dr. K. H. Meyer-Uhlenried
Centre de Traitement de l'Information Scientifique
Group Documentation Automatique
EURATOM, Centre Commun. de Reserche
Casella Postales No. 1
Ispra (Varese) Italy

Dear Dr. Meyer-Uhlenried:

Firstly, many thanks for your several publications from EURATOM. These are sincerely appreciated and are helpful.

My efforts at getting a meeting place in the U.S.S.R. were unsuccessful, and perhaps this is just as well as far as you are concerned. My question to you is the following: Would you be willing to arrange for a second meeting of the SCOR Working-Group on Abstracts and Bibliographies of Use in Marine Sciences to be held at Ispra? Tentatively, I'm of the opinion that some dates toward the middle of March of 1965 would be appropriate. I suggest March 17, 18 and 19 as a possibility but any dates after this would be satisfactory.

Specifically, our requirements for the meeting would be similar to those we had at Plymouth. These include: (1) lodging for about 20 people. (2) A suitable meeting room. (3) Some indication of how it is best to travel to Ispra.

I would also appreciate it very much if our working-group had an opportunity to spend about ½ day in touring your facilities at EURATOM and getting a brief insight of your documentation activities there.

I am very sorry to hear of the death in your family from your letter of late spring.

In my opinion we could have a potentially valuable meeting at your institution and I look forward to hearing from you at your early convenience. I will not poll the membership until I have heard from you.

Sincerely,

SBS
Saul B. Saila
Project Director

SBS:mf

cc: Dr. George Humphrey, President
SCOR
C.S.I.R.O.
Box 21, Cronulla
Sydney, Australia

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21 DEC 1964

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GPH:CG
Ref.: EAZZ/12

December 31, 1964

Dr S.B. Sails,
Chairman SCOR WG 12,
Aquatic Sciences Information Retrieval Center,
University of Rhode Island,
KINGSTON, RHODE ISLAND, U.S.A.

Dear Dr Sails,

Thank you for your cyclostyled document of December 14 about WG 12. At our recent General Meeting a new president (Capt. L.A. Capurro, Servicio de Hidrografia Naval, Avenida Montes de Oca 2124, Buenos Aires, Argentina) and secretary (Professor W.S. Wooster, Scripps Institution of Oceanography, La Jolla, California, U.S.A.) were elected so it is no longer necessary to keep me informed.

However, as one who attended the WG meeting in Plymouth in 1963 I would like to comment that it seems to me it would be good to take some definite steps about the list of core journals. I think it would help if the WG adopted at once the tentative list in your Appendix 2 and requested UNESCO and/or FAO to distribute (or help to distribute) contents lists monthly to selected institutions in order to test the value of a core list.

With best wishes for 1965,

Yours sincerely,



G.F. HUMPHREY
Retiring President

Copy to Executive