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CIRCULAR MEMORANDUM TO NATIONAL COMMITTEES

August 8, 1961

INDIAN OCEAN INVESTIGATIONS

1. The meeting of zooplanktologists to discuss the proposal for a Biological Centre and the zooplankton programmes which will be carried out, will be held in Cochin and Delhi, commencing August 14. At the request of their national committees, arrangements have already been made for the following participants to attend.

Mr R. I. Currie, National Institute of Oceanography,
Wormley, U.K.

Dr P. N. Ganapathi, Andhra University, India

Dr M. Haq, Pakistan

Professor J. Krey, Institute for Marine Research,
Kiel, Germany

Dr J. A. McGowan, Pacific Marine Station,
California, U.S.A.

Professor S. Motoda, Hokkaido University, Hakodate,
Japan

Mr F. D. Por, Sea Fisheries Research Station,
Haifa, Israel

Dr R. R. Prasad, Fisheries Research Station,
Mandapam, India

Mr D. J. Tranter, C.S.I.R.O. Division of Fisheries
and Oceanography, Australia

It is possible that the national committee in the U.S.S.R. will also have a participant.

In addition, Dr J. H. Ryther (Director of the U.S. Programme in Biology), Dr W. S. Wooster (Director of the UNESCO Office of Oceanography and I, shall attend, particularly for discussions with various Indian authorities. Local arrangements have been made by Dr N. K. Panikkar, Secretary of the Indian National Committee on Oceanic Research.

The proposed programme of the meetings is:

August 13 (Sunday) - arrive Cochin midday, examine local facilities.

August 14 (Monday) - consideration of local facilities and additional facilities necessary for establishment of a Centre. Discussion on work and scope of the Centre. Start discussions on zooplankton programmes of laboratories participating in Indian Ocean work.

- August 15 (Tuesday) - continue discussion on zooplankton programmes. About midday depart for Delhi.
- August 16 (Wednesday) - discussions of Centre and zooplankton programmes (some of these discussions will be with Indian authorities).
- August 17 (Thursday) - continue discussion as necessary.

2. The inter-calibration tests of nutrient chemistry and primary production techniques will commence in Hawaii on September 3. National committees have nominated the following participants.

Nutrient Chemistry under the direction of Dr B. H. Ketchum, Oceanographic Institute, Woods Hole, U.S.A.

- Mr F. J. Armstrong, Marine Laboratory, Plymouth, U.K.
- Dr T. J. Chow, Scripps Institute, California, U.S.A.
Dr R. Jayaraman, Fisheries Research Sub-station,
Ernakulam, India
- Mr D. McGill, Oceanographic Institute, Woods Hole, U.S.A.
Mr B. S. Newell, C.S.I.R.O. Division of Fisheries and
Oceanography, Australia
Mr D. J. Rochford, C.S.I.R.O. Division of Fisheries and
Oceanography, Australia
Dr R. A. Shah, C.S.I.R., Karachi, Pakistan
Mr Y. Sugiura, Meteorological Research Institute,
Tokyo, Japan

Primary Production under the direction of Professor M. S. Doty, Botany Department, University of Hawaii.

- Mr Aprilany Soegiarto, Oceanographic Institute,
Djakarta, Indonesia.
Dr G. F. Humphrey, C.S.I.R.O. Division of Fisheries and
Oceanography, Australia
Mr H. R. Jitts, C.S.I.R.O. Division of Fisheries and
Oceanography, Australia
Dr R. R. Prasad, Fisheries Research Station, Mandapam,
India
Dr Y. Saijo, Nagoya University, Japan

It is expected that participants from U.S.S.R. will be present.

Some tests will be made in the laboratories of the University of Hawaii, others will be made at sea on some of the oceanographic vessels which will either remain after the Pan-Pacific Science Congress or go to Hawaii especially for the inter-calibration work.

3. During the early stages of discussing the work which could be carried out in the Indian Ocean, only limited attention was given to meteorology. To assist

the development of meteorological programmes, Professor C. S. Ramage, Department of Meteorology and Oceanography, University of Hawaii, was asked to act as Scientific Director for Meteorology. As a first step, Professor Ramage arranged a meeting of meteorologists in Bombay (July 18-20). A report on this meeting will be made shortly.

The three meetings referred to above have all been held with financial and organizational assistance from UNESCO. These actions are a consequence of UNESCO being a co-sponsor of the investigations.



(G. F. HUMPHREY)
President of SCOR