



Activities of
the ICES Service Hydrographique 1970/71

Synoptic Hydrographic Charts

a) On the basis of data collected in connexion with the Young Herring Survey in January-March, 1971 provisional charts of bottom temperature and salinity in the region in February, together with a chart of bottom temperature anomaly in that month, were prepared and made available to the meeting of the relevant Working Group in April.

Later on, based upon the total temperature and salinity material of the survey and other data available, charts of surface and bottom temperature and salinity were prepared for each of the months January, February and March, together with charts showing the anomalies of bottom temperature and salinity in February. The charts are presented, with some explanation, in Document C.M.1971/C:12.

b) In order to try out whether the requests for monthly charts in ICES Statistical Area IV (i.e. the North Sea) could be met charts of bottom temperature and salinity in this area have been prepared for each of the months May-December, 1970. They are presented in Document C.M.1971/C:16.

c) Monthly charts of temperature and salinity at 10 m depth and at the bottom in Area IIIa (i.e. Skagerrak + Kattegat) were prepared and distributed regularly for each of the months July 1970-May 1971. Some sample charts are presented in Document C.M.1971/C:17.

Report on Oceanographic Cruises and Data Stations

Of this series, which replaces the earlier Administrative Reports of the Hydrography Committee, was published the volume covering the year 1969.

The contributions to the volume for 1970, which in accordance with a Council decision at the meeting in 1970 are supplied on ROSCOP forms, are in the state of editing. Some sample pages of the Report for 1970 are presented in Document C.M.1971/C:18.

Inventories of NAOS Observations

From the study of a provisional sample volume of inventory of oceanographic observations made at the North Atlantic Ocean Weather Stations the relevant Working Group recommended inclusion of some additional information. On this basis final volumes covering the years 1967 and 1968 have been compiled and published. Volumes for 1969 and 1970 are in preparation.

ICES Oceanographic Data Lists

Edited and published, or made ready for printing, were the following volumes, all of them containing exclusively data supplied by U.S.S.R.:-

1957, No.11	Pp. IX + 41
1958, No.13	IX + 162
1958, No.14	X + 148
1958, No.15	XIV + 122
1959, No.10	XIV + 100
1960, No.13	XIII + 116
1961, No.11	XIV + 106
1962, No.11	XIV + 126

Of this series of data volumes covering the years 1957-1962 then remain for publishing one volume of chemical data for each year, together with a wind-up volume for the whole period.

International Baltic Year 1969/70 Data

According to decision by the Council (C.Res.1969/1:10) the IBY data from sections and time series of anchor stations should be published by ICES. The main part of the material is now at hand, and the editing of it can be started. In the meantime it has become known, however, that part of the material has been, or will be, published nationally. It has to be decided whether the total material should be published by ICES, or that part only which will not be published nationally.

Tables of Mean Values and Anomalies

a) Monthly means of surface temperature and salinity for areas of the North Sea and the north-eastern North Atlantic. Booklets containing the values for 1966 and 1967 were issued.

b) Monthly anomalies of the surface temperature during 1969 were calculated for the standard areas A₁-N of the northern North Atlantic and for the standard area F off the eastern coast of Scotland. The tables were submitted for publication in the Annales Biologiques, Vol.27.

c) A volume of the monthly anomalies of surface temperature in the areas under b) above, covering the years 1876-1968, is in preparation.

Processing Work

Data received for publication or for use in charts and tables have been screened. The same applies to data from countries for which the Service Hydrographique acts as their "data centre". Doubtful data have been discussed by correspondence with the originators.

Punching work has been continued. Such data which have been received on lists were transferred to punch cards.

An amount of statistical data from the Bløden Herring Tagging Experiment were transferred to punch cards.

Supply of Data

Copies of data have been furnished to a number of scientists and scientific institutions.

Exchange of Data

During the year the Service Hydrographique has supplied some 80,000 sets of data from serial and surface hydrographic stations to the U.S. National Oceanographic Data Centre (NODC), requesting that after processing they would be made available to the World Data Centre system.

From U.S. NODC was received, on 19 reels of magnetic tape, a complete copy of their geosorted file of oceanographic station data in the ICES region.

From NODCs in member countries copies of data were received, either regularly as a routine matter, or by request when needed for various projects.

Meetings

On November 9-14, 1970 the Hydrographer attended at the WMO Headquarter, Geneva, as observer for ICES, the 3rd Session of the IOC Working Committee for IGOSS, and its 3rd Joint Session with the WMO EC Panel on Meteorological Aspects of Ocean Affairs. A report on the meetings is given in Document C.M.1971/C:15.

On November 16-20, 1970 he attended at the same place, as observer for ICES, the 1st Session of the WMO CMM Working Group on Requirements for Marine Meteorological Services. A report on the meeting is given in Document C.M.1971/C:19.

On May 10-12, 1971 he attended at Casablanca the 2nd Session of the Co-ordinating Group for the Planning and Execution of CINECA. Reference is made to the official report on the meeting.

On September 20-25, 1971 he attended at the FAO Headquarter, Rome, as representative for ICES, the 6th Session of the IOC Working Group on International Oceanographic Data Exchange. He has served as a member of the Task Team on Inventories of Marine Data and Samples.

The Service Hydrographique has made preparations for the annual meeting of the Hydrography Committee and some of its Working Groups, and has acted generally as secretariat for the Committee.

Jens Smed