



Activities of the Service Hydrographique 1967/68

ICES Oceanographic Data Lists. Of this series 19 volumes have been published during the year. 14 volumes record data collected during the years 1960-1962, viz.:-

1960, no. 9	XXVIII + 235 pp.	U.K., England, Research Vessels
1960, no.11	XX + 178 pp.	Norway
1960, no.12	XV + 165 pp.	Norway
1961, no. 5	XXVII + 247 pp.	U.K., England, Research Vessels
1961, no. 7	XVII + 277 pp.	Belgium and Netherlands
1961, no. 8	XIII + 101 pp.	German Federal Republic
1962, no. 1	XXI + 153 pp.	U.K., Scotland
1962, no. 2	XV + 85 pp.	Iceland, Denmark
1962, no. 3	XVII + 277 pp.	Belgium, Netherlands
1962, no. 4	XVIII + 171 pp.	German Federal Republic
1962, no. 5	XV + 107 pp.	Sweden
1962, no. 6	XIII + 88 pp.	Poland
1962, no. 7	XXIII + 235 pp.	U.K., England, Research Vessels
1962, no. 8	X + 190 pp.	U.K., England, Routes etc.

The remaining 5 volumes contain the material collected during the Cooperative Synoptic Investigation of the Baltic in 1964, viz.:-

Vol. 1	Finland	82 pp.
Vol. 2	Germany	186 pp.
Vol. 3	Poland	266 pp.
Vol. 4	Sweden	181 pp.
Vol. 5	U.S.S.R.	173 pp.

For the publication of the volumes covering the Baltic Investigation financial support was received from Unesco.

The Data Lists were printed by the off-set method, and for most of the volumes the printing work was carried out by the staff of the Service Hydrographique.

Data Quality Control. The data received for publication, and a considerable amount of the further data received for storage, have been screened. Doubtful data have been discussed by correspondence.

Punching Work has been continued. Such data that were received in listed form were transferred to punch cards. Furthermore, a considerable work was involved in bringing punched cards received to accord with the ICES system.

Supply of data. Copies of data (in the form of punched cards or lists) have been furnished on request, partly at cost, to institutions and persons in Denmark, France, Iceland, Poland and Scotland.

According to a Council Resolution (C.Res.1966/1:8) the value of deliveries of data free of cost should in each case not exceed D. Kr.100. Attention is drawn to a recent decision by the Bureau according to which this limit has been raised to 500 D. kr.

Exchange of Data. During the year copies of punched cards covering the serial stations of the Bulletins Hydrographiques for the years 1911-1914 and 1927-1931 have been received from the U.S. National Oceanographic Data Centre (NODC). This amounts to about 100.000 cards. Furthermore tape records covering the years 1954-1956 were supplied to us.

In return, the Service Hydrographique has delivered some 100.000 sets of observations to U.S. NODC. As requested by NODC these data were furnished on magnetic tape, the NODC financially supporting the transfer of the data from cards to tape.

Tables and Charts. The following work was carried out:-

- a) Monthly anomalies of the surface temperature during 1966 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 will be published in Annales Biologiques, Vol. 25.
- b) Monthly means of surface temperature and salinity for areas of the North Sea and the north-eastern North Atlantic in 1963 were prepared on request from a few institutions, at cost.

Other Publication Work. In accordance with a Council Resolution (C.Res.1967/1:15) a set of the tables "Mean Monthly Sea Surface Temperature Anomalies and Anomaly Classifications for Selected Regions of the North Sea and Adjacent Waters 1905-1954", prepared by the Fisheries Laboratory, Lowestoft, was supplied to the Service Hydrographique, by which they have now been published. (Cf. Document C.M.1968/Gen:4).

The second number of the interlaboratory report series, "Information on Techniques and Methods for Sea Water Analysis", edited by the Subcommittee for Chemical Analysis of Sea Water, was produced and distributed.

A contribution on "Oceanographic data from the southern area in the ICES Service Hydrographique" was submitted to the symposium on "The living resources of the African Atlantic Continental Shelf between the Straits of Gibraltar and Cap Verde."

Meetings. On March 25-29, 1968 the Hydrographer attended the Meeting on Development of Marine Data Systems. (Cf.C.M.1968/C:4, C:5). The Service Hydrographique acted as secretariat for the meeting.

On September 23-26, 1968 the Hydrographer attended, as observer for ICES, the 4th Meeting (Unesco, Paris) of the IOC Working Group on International Oceanographic Data Exchange.

The Service Hydrographique has as usual made preparations for the annual meeting of the Hydrography Committee and has acted generally as secretariat to the Committee.

Jens Smed