



Digitalization sponsored
by Thünen-Institut

Provisional Programme of Work for
ICES Service Hydrographique 1977/78

by
ICES Hydrographer

1. Editing and/or publishing
 - a) International Baltic Year Atlas.
 - b) Inventory of Oceanographic Investigations at North Atlantic Ocean Weather Stations: Volumes covering investigations in 1975 and 1976, and a pre-1963 volume.
 - c) Reports on Oceanographic Cruises in the CINECA Region: Vol.4:1975-1976-1977.
 - d) Report on Oceanographic Cruises and Data Stations: 1974, Part 3. 1975, Parts 1-3, 1976, Parts 1-2.
 - e) A JONSDAP 76 inventory volume.
 - f) A volume of Monthly charts (1975).
 - g) A volume of 100 years of monthly sea surface temperature anomalies in areas of the northern North Atlantic.
 - h) A volume of data collected at OWS KILO 1963-1966, with analysis.
 - i) A "North Atlantic Ocean Weather Station Bibliography".
2. Preparation of monthly charts
 - a) Charts of temperature and salinity at 10 m depth and near bottom in Skagerrak-Kattegat.
 - b) Charts of bottom temperature and salinity in the North Sea.
 - c) Anomaly charts of bottom temperature and salinity in the North Sea for the period of the ICES Young Herring Survey in 1978.

3. Calculation of mean values and anomalies

- a) Monthly anomalies of sea surface temperature in standard areas of the northern North Atlantic in 1975 and 1976.
- b) Monthly means of sea surface temperature and salinity in fields (1°Lat.by 2°Long.) of the North Sea and the N.E. North Atlantic for 1969 and succeeding years.
- c) Monthly means of sea surface temperature in 1977 at the North Atlantic Ocean Weather Stations.

4. Other data centre functions

- a) Editing of the completed ROSCOP forms received, and supply of copies to the World Data Centres (WDCs) and, of relevant forms, also to the ICNAF regional data centre (MEDS).
- b) Updating of the list of semi-permanent moored oceanographic stations in the ICES area.
- c) Updating of lists of Ocean Data Stations in the ICES area. (Contribution to the International Catalogue issued by IOC.)
- d) Updating of the catalogue of regularly prepared marine environmental data products in the ICES area.
- e) Updating of the ICES Catalogue of computer programmes in physical and chemical oceanography.
- f) Screening of incoming data.
- g) Key punching and veripunching of data.
- h) Retrieval and supply of data to the WDCs and MEDS on a current basis, and to individual users on request.
- i) Establishing of an oceanographic data bank for the CINECA region.
- j) Preparation of an inventory of oceanographic data from the CINECA region.
- k) Computerization of the data bank of the Service Hydrographique, and other computer work; for details see the Appendix.

5. Reports etc.

- a) Summary of the hydrographic conditions in the ICNAF area in 1977 (for "Annales Biologiques").
- b) Summary of the hydrographic conditions in the ICES area in 1977 (Introduction to the Hydrography chapter of "Annales Biologiques", Vol.34).
- c) Working up of the marine-meteorological data collected in connexion with the CINECA multiship expeditions in 1973 (for the CINECA Symposium 1978).

Appendix

Tentative Schedule for Computer Work 1977/78

1. Test reading and documentation of all incoming tapes will proceed on a continuing basis.
2. Additional sets of the punch card holdings will be transferred to tape; it is hoped that the Swedish and Norwegian data (ca. 285,000 cards) can be handled this year.
3. Start development of software for converting data on paper tape to ICES card format on magnetic tape.
4. Start development of software for handling tapes in GF-2 format.
5. Continue to supply special data sets as requested.
6. Begin development of software for plotting tables of monthly means of sea surface temperature and salinity.

Note: Items 2, 3, 4 will proceed on a time available basis, and depending on available funds and staff, items 1 and 5 have first priority.