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the Northwest Atlantic Fisheries

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UK Research Report, 1976

by

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A - Status of the Fisheries

UK fishing effort in 1976 declined to 719 hours compared with 4837 hours in 1975. This effort was divided between sub-areas 1 and 3.

Total landings of cod also declined but the proportional decrease was less than for fishing effort. 388 tons of cod were landed in 1976 compared with 939 tons in 1975.

HOURS FISHING, NUMBER OF ARRIVALS, AND LANDINGS OF COD FROM THE NORTH-WEST ATLANTIC

| | ICNAF SUBAREA | | | | | Total |
|-------|---|-----|------|---|---|-------|
| | 1 | 2 | 3 | 4 | 5 | |
| | Hours fished | | | | | |
| 1975 | 431 | 278 | 4128 | - | - | 4837 |
| 1976* | 350 | - | 369 | - | - | 719 |
| | Number of arrivals | | | | | |
| 1975 | 6 | 4 | 9 | - | - | 19 |
| 1976* | 2 | - | 1 | - | - | 3 |
| | Landings of cod (metric tons, whole weight) | | | | | |
| 1975 | 160 | 55 | 744 | - | - | 959 |
| 1976* | 155 | - | 233 | - | - | 388 |

* Provisional.

B - Special Research Studies

Biological Studies.

The Continuous Plankton Recorder Survey in the ICNAF area in 1976

The survey with the Continuous Plankton Recorder (CPR) operated by the Institute for Marine Environmental Research was continued in 1976 on the same basis as in other years. The survey was financed by the UK Natural Environment Research Council, partly through research commissioned by the Ministry of Agriculture, Fisheries and Food.

Recorders are towed at a depth of 10 metres, at monthly intervals, along standard routes (see Figure 1) by merchant ships and Ocean Weather Ships from Denmark, Eire, France, Iceland, Netherlands, Norway, West Germany and the United Kingdom. In addition the results from two routes (MA and MB), operated by the US National Marine Fisheries Service are included in the data processing of the CPR survey (see Colebrook, Bull. mar. Ecol., 8, 123-142).

Further details may be obtained on application to the Director, Institute for Marine Environmental Research, Prospect Place, The Hoe, Plymouth, PL1 3DH.

A report on the plankton during 1976 will be submitted to the Annual Meeting of ICNAF in June 1977.

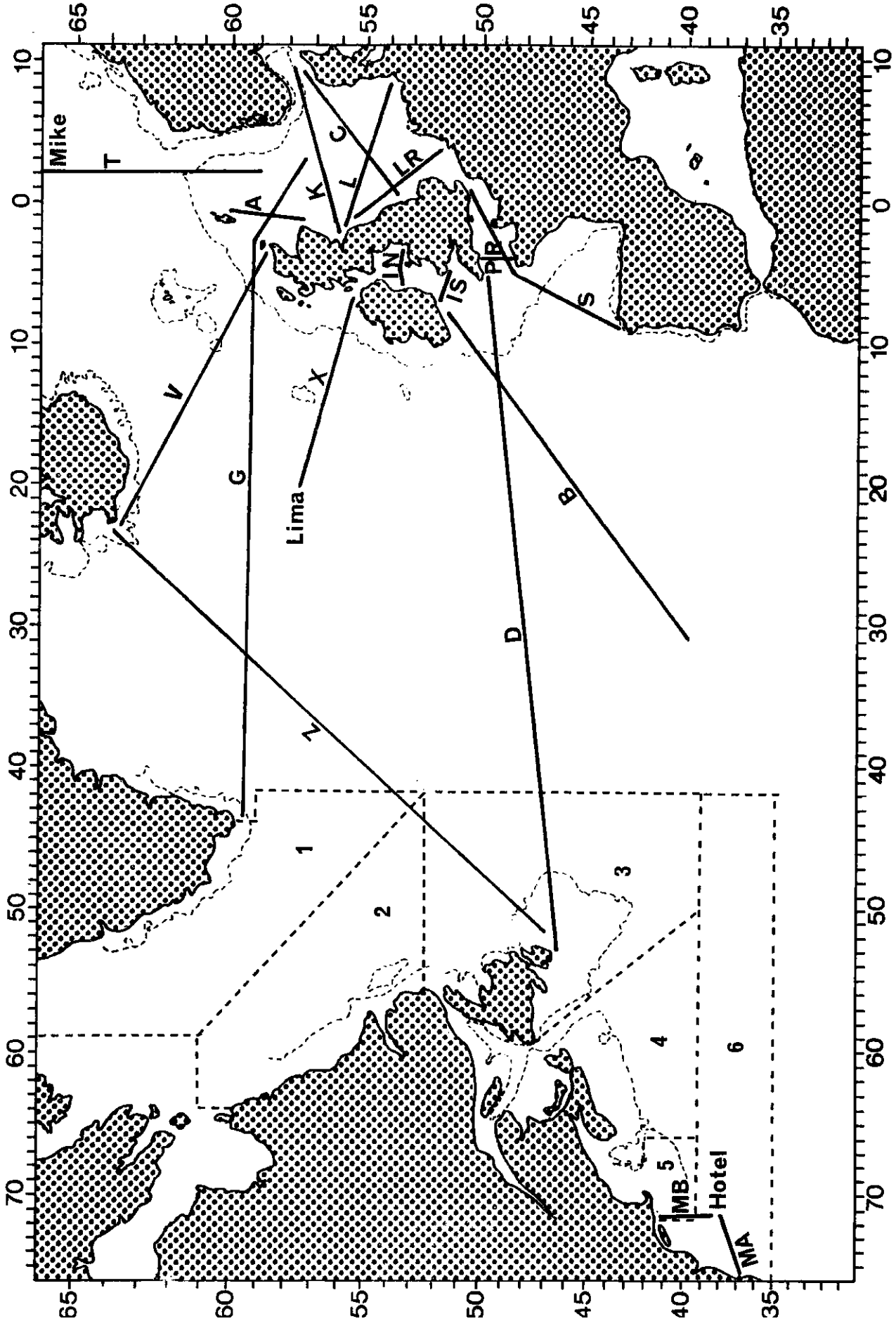


Figure 1. The Continuous Plankton Recorder Survey in 1976. The routes are identified by their code letters and the Ocean Weather Stations by their names.