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FRENCH RESEARCH REPORT 1953

Researches carried out from the frigate "l'Aventure".

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HYDROGRAPHY

During its cruise of supervision of fisheries the frigate "l'Aventure" worked 135 hydrographic stations down to a depth of 500 m., 10 surface samplings, and 98 collections of temperatures between 0-150 m., viz. from surface to bottom. Further the surface temperatures were registered during the whole cruise of the vessel. The hydrographic stations were dispersed in the main along five sections, two from Newfoundland to Greenland and three in the area off Newfoundland. The rest of the stations were spread over the banks.

The samples have been analysed in the chemical laboratory of the Marine in Brest and the content of chlorine was determined by the Knudsen method. The working of the results has not yet been completed.

BIOLOGY

During the cruise the "l'Aventure" collected 99 plankton samples from the surface and principally in the following regions:

Subarea 1: Fylla Bank
Store Hellefiske Bank
Lille Hellefiske Bank

Subarea 2: Hamilton Inlet Bank

Subarea 3: The Northern part of the Grand Bank.

Measurements of cod were made during the cruise.

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