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1970 RESEARCH VESSEL PROGRAMME

REPORT: RV CLIONE : CRUISE 1/1970

(PROVISIONAL: Not to be quoted without prior reference to the author)

STAFF

P O Johnson
B H Holford
P D Wallace
J Dann

DURATION

Left Lowestoft 1600 hours 2 January

Arrived Lowestoft 0930 hours 7 January

All times are British Standard Time

LOCALITY

Eastern English Channel & Southern Bight

AIMS

1. To carry out a high speed townet survey for herring larvae between the Galloper Deeps and Bay of the Seine.
2. Echo-sounder records will also be made over the survey grid.

NARRATIVE

CLIONE left Lowestoft at 1600 hours, 2 January and proceeded to the Straits of Dover, where the first townet station was carried out. En route free-flow calibrations were made on the townet in deeper water off the Thames Estuary. The station grid covering the eastern end of the English Channel was completed by the 4 January and later that day the Southern Bight survey commenced. This was completed in deteriorating weather on 6 January. Overnight anchorage was made in Corton Roads and CLIONE berthed the following morning at 0930 hours.

RESULTS

A total of 42 townet stations were completed covering an area extending between 52°30'N in the Southern Bight to a line from the Cherbourg peninsula to Beachy Head in the English Channel.

The echo sounder was run continuously over the survey grid. A major concentration of pelagic fish trace was noted towards the middle of the Southern Bight (about 52°N 03°E) and several patches in the eastern end of the Channel and Dover Straits area. A small fleet of trawlers were observed off Cap Gris-nez working in the vicinity of one of these echo-patches.

Continuous surface temperature recordings were also made using a thermistor and paper recorder.

P O Johnson

8.1.70

SEEN IN DRAFT: Capt M Sutcliffe (Master)

INITIALLED: AJL

DISTRIBUTION

Basic list
P O Johnson
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