

MINISTRY OF AGRICULTURE, FISHERIES AND FOOD
FISHERIES LABORATORY, LOWESTOFT, SUFFOLK, ENGLAND

LIBRARY

1971 RESEARCH VESSEL PROGRAMME

REPORT: RV CLIONE: CRUISE 8, PART B

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

STAFF:

J W Ramster
J A Durance
J W Horwood
J W Read
C A Turner

DURATION

Left Lowestoft 1700 hours, 17 July

Arrived Grimsby 1700 hours, 21 July

All times are British Standard Time

LOCALITY

Central North Sea

AIMS

- a. To service the three United Kingdom (Lowestoft) moored current meter stations of the ICES pilot North Sea current meter network.
- b. To recover the 7 moored current meter stations established by the R V CORELLA during Cruise 12.

NARRATIVE

The ship sailed from Lowestoft at 1700 hours, 17 July and at 1100 hours the next day reached ICES Station C in the Clay Deep. The station was recovered but not re-established. The vessel then moved southwestwards to ICES Station B arriving at 2300 hours. The surface marker could not be found and so the ship dodged in the area until daylight when it was then seen to lie about 3 cables south of its true position. The gear was recovered and the station re-launched. Station A, a position some six miles due east of Filey, was serviced by 1200 hours, 19 July.

RV CLIONE then steamed through Filey Bay in order to release some Woodhead sea-bed drifters en route for the line of 7 moored current meter stations laid by RV CORELLA early in Cruise 12 in the coastal zone between Scarborough and Hartlepool. These stations were recovered successfully at times of slack water in the period 1700 hours, 19 July-0700 hours, 21 July. In between the last two recovery operations the ship anchored and took water samples and temperatures over a full tidal cycle. This work was a part of the sampling programme being carried out in the area by the RV CORELLA at the time.

Once the final moored buoy station had been recovered the ship set course for Grimsby and docked at 1700 hours, 21 July. The scientific staff then unloaded the current meters and brought them back to Lowestoft by road that night whilst the crew prepared the ship for dry-docking.

RESULTS

1. Two of the three United Kingdom (Lowestoft) moored current meter stations of the I.C.E.S. North Sea network were successfully recovered and re-established. The third station was recovered but not put out again because of the likelihood of heavy fishing in the area of the Clay Deep during the next few weeks. It seems probable that ICES Station B was dragged 3 cables south of its true position at some time since 25 May but no serious damage was sustained.
2. The 7 moored current meter stations established off the North Yorkshire-Durham coast by RV CORELLA during Cruise 12 were recovered.
3. At the position of release by Mr Talbot some days previously of tracers of various kinds, temperatures were measured and water samples taken from 5 points in the water column at hourly intervals over a tidal cycle.
4. Woodhead seabed drifters were released at each of the ICES stations and at two stations in Filey Bay. The latter were part of Mr Lockwood's study of the plaice population in the area.

J W Ramster
27.7.71

SEEN IN DRAFT: M R Sutcliffe (Master)

INITIALED: AJL

DISTRIBUTION:

Basic List

J W Ramster
J A Durance
J W Horwood
J W Read
C A Turner