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

1975 RESEARCH VESSEL PROGRAMME

REPORT: RV CORELLA: CRUISE 15

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

STAFF

C T Macer
J P Bridger
I L Davies
C Garrod
D Palmer

DURATION

Left Lowestoft 1000h 7 October
Arrived Lowestoft 0530h 15 October

All times are Greenwich Mean Time

LOCALITY

North Sea

AIMS

1. To carry out a high speed townet survey for herring larvae in the Yorkshire coast/Dogger area.
2. To take water samples for RANOSP if not completed on Cruise 14.
3. To take plankton indicator samples for IMER, Edinburgh (Mr Forsyth)
4. To take a Dinoflagellate sample for London University (Dr Dodge)

NARRATIVE

The ship steamed to the start of the grid off St. Abbs Head which was reached at 1220 h 8 October. Work then proceeded southwards until 0200 h 13 October when a series of stations to investigate the vertical distribution of herring larvae was completed off Flamborough Head. The grid was resumed at 1020 h 13 October and was completed at 1416 h 14 October. The ship then steamed for Corton Roads where, after a dinoflagellate sample had been taken off the Cross Sand light vessel, an overnight anchorage was made, before berthing on 15 October.

RESULTS

1. The grid of 107 stations was successfully completed. A patch of young herring larvae was located about 25 miles ENE of Flamborough Head. Their depth distribution was investigated by 5 hauls at varying maximum depths both in daylight and in darkness. The effect of speed of towing was also investigated by hauls at 4, 5 and 6 knots.

2. No water samples were taken since RANOSP had been completed on Cruise 14.
3. Plankton indicator samples were taken on the first 99 stations. All samples were 15 minute tows at 5 knots.
4. A dinoflagellate sample was taken for Dr Dodge.
5. JONSIS buoys 1 and 2 were inspected during the grid. JONSIS 1 was sighted but JONSIS 2 was missing.

C T Macer
27 October 1975

SEEN IN DRAFT:

J E M Balfour (Master)
R E E Beamish (Fishing Skipper)

INITIALLED DHC

DISTRIBUTION

Basic list

C T Macer
J P Bridger
I L Davies
C Garrod
D Palmer

Mr Forsyth (IMER Edinburgh).