

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

1978 RESEARCH VESSEL PROGRAMME

REPORT: RV CORELLA: CRUISE 16
(PROVISIONAL: Not to be quoted without prior reference to the author)

STAFF

J A Durance
S R Jones
Mrs S E Southern
Mrs M E Peattie (Chief Scientist's Group)

DURATION

Left Lowestoft 1805 h 11 December
Arrived Lowestoft 0900 h 15 December
All times are Greenwich Mean Time

LOCALITY

North Sea

AIMS

1. To service the current meter rigs on the long term stations JONSIS 1 and 2.
2. To work a 12½ hour current profiling and water sampling anchor station at the site of the Spurn current meter station.
3. To collect 25 l water samples from each of the stations JONSIS 1 and 2.
4. To pressure test a selection of glass bottles.

NARRATIVE

RV CORELLA sailed from Lowestoft on the evening tide of 11 December and set a northerly course for the JONSIS stations. On hearing the weather forecast at 0015 h 12 December it was decided to steam for the inshore station, JONSIS 1, arriving at 0700 h. Conditions at this time were unsuitable for buoy recovery and remained so throughout the morning. When the hoped for improvement in the weather did not materialize the vessel left the area and found a sheltered anchorage in Filey Bay where the assembly of the new current meter rig was completed. By 0800 h the following day RV CORELLA was back on station at JONSIS 1 and the old rig was recovered and the new one launched by 0950 h. With the wind freshening from the west the ship steamed to JONSIS 2, serviced the station without incident in marginal conditions, and set course for the shelter of the coast. Contrary to the forecast the wind began to moderate and the course was altered for the Spurn anchor station arriving at 0930 h. The gear for current and turbidity measurements was rigged whilst awaiting the weather forecast at 0015 h 14 December. After a promising forecast the vessel anchored and readings began at 0105 h. Difficulties with the transmissometer were encountered and were not entirely overcome until 0430 h, the station was therefore continued until 1700 h to obtain a complete tidal cycle of good readings. On passage to Lowestoft the assortment of glass bottles

provided by FRL was pressure tested on the hydrowire. The vessel docked at Lowestoft at 0927 h 15 December.

RESULTS

All aims were accomplished.

J A Durance
(NIC)

21 December 1978

SEEN IN DRAFT: R C Newrick - Fishing Skipper
G Sinclair

INITIALLED: AJL

Basic List

J A Durance

S R Jones

Mrs S E Southern (Burnham)

Mrs M E Peattie (Chief Scientists Group)