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

1973 RESEARCH VESSEL PROGRAMME

REPORT: RV TELLINA: CRUISE 2

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

STAFF

J A Bedwell

M J Boon

DURATION

Left Lowestoft 0900h 16 January

Arrived Lowestoft 1600h 24 January

All times are Greenwich Mean Time

LOCALITY

Thames Estuary

AIMS

1. To obtain inshore sediment samples for later analysis of radioactivity levels
2. To collaborate with RV CORELLA in a continuous release diffusion experiment.

NARRATIVE

TELLINA sailed from Lowestoft at 0900h 16 January and arrived in Ipswich at 1600 h. Staff joined the ship there and worked out of Ipswich on a day-to-day basis for the duration of the cruise.

During the next two days, 17-18 January, sediment samples were obtained from the Wallet, East Swin and rivers Blackwater, Colne and Crouch. A bad forecast was received for 19 January but nevertheless TELLINA sailed and obtained samples at the mouth of the Orwell and off the Naze before deteriorating conditions forced her back to Ipswich. TELLINA was weather-bound on 20 January but conditions improved and during 21-22 January samples were obtained from Black Deep and Barrow Deep. On 23 January TELLINA completed her sampling programme with stations in Ray Sand Channel before working additional stations in West Swin at the request of CORELLA. Staff left the vessel that evening and TELLINA sailed from Ipswich at 0800 h 24 January arriving at Lowestoft at 1600 h.

RESULTS

1. Sediment samples were obtained from 43 stations covering the northern part of the Thames Estuary.

2. No diffusion work was carried out because equipment aboard CORELLA was unserviceable.

J A Bedwell  
31 January 1973

Seen in draft: WB

Initialled: AJL

Distribution:

Basic List  
Mr Bedwell  
Mrs Boon  
Mr Talbot