

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

1974 RESEARCH VESSEL PROGRAMME

REPORT: R V TELLINA: CRUISE 12

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

STAFF: T C Doddington (NIC)
J R Joyce (NERC)
K M Brander } 25-27 November only
M R Vince }

DURATION: 25-29 November

LOCALITY: Lowestoft area

AIMS:

- 1 To obtain cores of bottom sediment from the dredge spoil dumping grounds for comparison with those taken on TELLINA 5/74.
- 2 To continue sampling sediment from the Lowestoft spoil dumping ground using the grid established on TELLINA 2/74.

NARRATIVE:

TELLINA worked on a day to day basis from Lowestoft. Combinations of high winds and tidal currents made conditions unsuitable for diving on the first day of the cruise. On 26 November diving operations were able to commence and a total of nine cores were successfully obtained by the divers in spite of the uncomfortable conditions. On 27 November TELLINA spent the morning sampling the spoil ground grid using the Van Veen grab after several unsuccessful attempts had been made to use the Smith-McIntyre grab. At 1200 hrs TELLINA kept her pre-arranged rendezvous with the diving team at Lowestoft but by this time conditions had deteriorated beyond the point at which safe diving could continue. On 28 November gale force winds prevented TELLINA from putting to sea although divers Mr Vince and Mr Joyce were employed in freeing the propeller of NUCELLA which had been fouled by a rope whilst in port. On 29 November TELLINA continued sampling over the Lowestoft grid until the strong tidal currents made the Van Veen grab ineffective.

RESULTS

- 1 9 complete cores were obtained by divers from the Lowestoft spoil ground for comparison with those obtained on TELLINA 5/74.
- 2 40 grab samples from positions on the Lowestoft grid were obtained for comparison with those obtained on TELLINA 2/74 in relation to mud content and grain size parameters.

T C Doddington

SEEN IN DRAFT: A P

INITIALLED: A J L

DISTRIBUTION:

Basic List

T C Doddington K M Brander
J R Joyce M R Vince
R R Dickson