

Provisional: Not to be quoted without reference to the writer

R V TELLINA

Report for Cruise 9/1969

Staff: R G J Shelton Duration: 4-21 November
 P A Ayres) Part time 1969
 M J Wardle)

Aims:

1. To make a preliminary survey of colliery and power station waste dumping grounds off the Northumberland and Durham coasts.
2. To survey past and present sewage sludge and spoil dumping grounds in the outer Thames estuary.

Narrative:

TELLINA put out from North Shields at 0800 hours, 4 November and grab and anchor dredge sampling was commenced on the large dumping ground extending from Blyth to the Tyne. Grabbing was abandoned due to heavy seas and seven stations were worked with the dredge. Finally TELLINA was forced to return to port due to the weather. Full days of bottom sampling were then worked up to 6 November. Trawling was carried out on the dumping ground on 6 November and although coal and compacted fly ash were collected in the trawl no damage to gear ensued. Seven stations only were worked on 7 November before gales forced a return to port (Blyth). Gales continued through 8 November and work recommenced on 9 November when a full day of bottom sampling and trawling was completed. Once more, dumped material, including general harbour debris, was found in the trawl but no damage to gear occurred.

On 10 November, a bottom survey was carried out on the beach coal dump at Lynemouth. Rocky ground was present over much of this area and only six bottom samples were obtained.

On 11 November bottom sampling with a conical dredge was carried out on the large South Tyne dumping ground. During trawling later in the day gear was damaged by a natural rock snag.

On 12 November gales kept TELLINA in port.

On 13 November cliff dumping grounds at Seaham, Easington and Horden were briefly surveyed and spoil dumping from the Tees was observed and surveying carried out. That night TELLINA lay at Hartlepool. On 14 November TELLINA left Hartlepool at 0745 hours making for Lowestoft. Due to gales it was necessary to put in to Grimsby where Dr Shelton left the cruise due to the critical illness of his father. Gales persisted for several days and it was not possible to reach Lowestoft in time to carry out the latter half of the programme, in the Thames Estuary.

R G J Shelton
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Initialled: A J L

Distribution:

Basic list, plus the following:

Dr Shelton
 Mr Ayres
 Mr Wardle