

Mr BATE

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

1975 RESEARCH VESSEL PROGRAMME

REPORT: RV TELLINA: CRUISE 1

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

STAFF

T J Hulme  
B C Mumford (2-17 January)  
S Flatman (20-30 January)

DURATION

Left Lowestoft 0930 h, 2 January

Finished at Hartlepool 1400 h, 29 January

All times are Greenwich Mean Time

LOCALITY

North-east Coast

AIMS

1. To carry out a trawl survey for demersal fish within the 12 mile limit from 55°40'N to 53°30'N.
2. To carry out up to 2 series of repeat hauls in specific areas to obtain haul to haul variance.
3. To tag cod, plaice, lemon soles, haddock and whiting in the same area.

NARRATIVE

TELLINA sailed from Lowestoft at 0930 h, 2 January and made a good passage to North Shields arriving there at 1015 h, 3 January. During the period 4-11 January, TELLINA worked out of Newcastle and North Shields and managed to make 11 hauls, in marginal working conditions, in the area between Amble and the Heugh before running into Hartlepool, where she remained weather-bound until 15 January.

The crew and scientific staff had mid-cruise break between 16 and 20 January.

Because of an unusually prolonged spell of severe weather conditions between 21 and 29 January, only 3 further hauls were made: these were close inshore in Tees Bay on 26 January, TELLINA being weather-bound in Hartlepool for the rest of the time. The scientific staff left TELLINA at 1400 h, 29 January and returned to Lowestoft.

## RESULTS

1. The block of 11 hauls made between Amble and The Heugh were completed without damage to the net and were, therefore, useful for the trawl survey. All fish were identified and counted and cod, haddock, whiting, plaice and lemon soles were measured at each station. The otoliths were collected from all cod, plaice and lemon soles and from 2 fish per 5 cm group per station in the case of haddock and whiting. The gut contents of all otolithed fish were examined and identified.
2. A series of 3 hauls were made over the same ground in Tees Bay in order to obtain the haul to haul variance. Seven cod were tagged and released from these hauls.

T J Hulme  
10 February 1975

SEEN IN DRAFT: A Pearson

INITIALLED: AJL

### DISTRIBUTION:

Basic list

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Northumberland Sea Fisheries Committee

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