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MINISTRY OF AGRICULTURE, FISHERIES AND FOOD

FISHERIES LABORATORY, LOWESTOFT, SUFFOLK, ENGLAND

1974. REPORT: RV TELLINA: CRUISE 11

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

STAFF

R G Houghton  
T Watson (to 8 November)  
T J Hulme (from 11 November)

DURATION

On board TELLINA at North Shields 1830 h, 28 October

Docked Lowestoft 0030 h, 18 November

LOCALITY

North-east coast

AIMS

1. To carry out a trawl survey for demersal fish within the 12 mile limit from  $53^{\circ}50'N$  to  $55^{\circ}40'N$ .
2. To tag cod, plaice, lemon soles, haddock and whiting in the same area.

NARRATIVE

The crew and scientific staff joined TELLINA at North Shields on 28 October. The fishing gear was loaded and rigged on 29 October and the vessel moved to Newcastle after obtaining fuel and water at Jarrow. Bad weather prevented work on 30 October but four hauls were completed off the Tyne on 31 October and three more between Shields and Amble on 1 November. After spending the night at Amble, one haul was carried out off Seahouses on 2 November. A heavy swell and a freshening wind prevented further work and the vessel had to steam into Shields. The wind restricted work to two hauls in Newbiggin and Alnmouth Bays on 3 November and prevented work altogether on 4 November when the vessel remained at North Shields. Three stations on 5 November completed the survey north of  $54^{\circ}50'N$  and TELLINA went into Hartlepoons. Four stations on 6 November and three on 7 November were carried out whilst the vessel was working from Hartlepoons.

The crew and scientific staff had a break from the ship between 8 and 11 November. Work was resumed on 12 November when TELLINA steamed from Hartlepoons to Scarborough and one station was completed off Scarborough Castle. Strong winds prevented fishing on 13 and 14 November and also during the morning of 15 November. One haul was carried out during the afternoon. On 16 November four stations were completed near Scarborough and further work was attempted on 17 November south of Flamborough. A large boulder caused extensive damage to the net on the first haul and the scientific work of the trip was abandoned. TELLINA docked at Lowestoft at 0030 h, 18 November.

## RESULTS

1. Twenty five hauls were completed without serious 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 of all cod, plaice and lemon soles were collected and samples of 2 fish per 5 cm group per station from haddock and whiting. The gut contents of all otolithed fish were examined and identified.

2. No fish were tagged.

R G Houghton  
2 December 1974

SEEN IN DRAFT: A Pearson

INITIALED: AJL

DISTRIBUTION:

Basic List  
R G Houghton  
T Watson  
T J Hulme  
Northumberland Sea Fisheries Committee  
North-east Sea Fisheries Committee