

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

1972 RESEARCH VESSEL PROGRAMME

REPORT: R V TELLINA: CRUISE 10

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

STAFF: J M Last
N J Milner (NERC Fishery Research Student)

DURATION: 1-9 November
Left Lowestoft 1000 1 November
Arrived Lowestoft 1600 9 November
All times are Greenwich Mean Time

LOCALITY: Humber and the Wash

AIMS:

- 1 To sample 0-group and adult flatfish and return to the laboratory for metal analysis.
- 2 To carry out relevant hydrographic observations.

NARRATIVE:

TELLINA sailed from Lowestoft at 1000 h 1 November from Grimsby and fishing began early the following day in the Humber. Attempts to trawl upstream off Grimsby were abandoned because of rocks and rubbish but were successful on the Burcom and Haile Sands. Salinities were recorded until 5 November when a fault developed in the equipment. On 7 November TELLINA sailed for the Wash and fishing took place at seven stations on the following day before returning to Boston for the night. Strong winds and forecasts of southerly gales prevented TELLINA leaving Boston on 9 November and, with the fishing programme largely completed, the staff returned to Lowestoft with the samples by road.

RESULTS

Aim 1: Approximately 100 each of plaice, sole and dab and 50 flounder from 5 to 50 cm were collected from the Humber. Only one plaice in the 10-15 cm size range was recorded and sole over 10 cm were uncommon and only 9 were caught in 26 hauls.

Plaice, sole and dab were plentiful in the Wash and one day's fishing provided adequate samples although no sole over 10 cm was caught.

Aim 2: Temperatures and salinities were taken at each station in the Humber but salinities were not recorded in the Wash because of the failure of the equipment.

J M Last
16.11.72

Initialled: A J L

Distribution:

Basic list J M Last
J Riley N Milner