

Library.

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

1975 RESEARCH VESSEL PROGRAMME

REPORT: R V TELLINA: CRUISE 9

(PROVISIONAL: NOT TO BE QUOTED WITHOUT REFERENCE TO THE AUTHOR)

STAFF: T Williams 17-25 October
S Flatman 17 October-5 November
S Lammin 26 October- 5 November

DURATION: Left Lowestoft 0845 hrs 17 ~~November~~ ^{Oct}
Arrived Lowestoft 1230 hrs 5 November
All times are Greenwich Mean Time

LOCALITY: East Coast

AIMS:

- 1 To repeat the trawl survey carried out by TELLINA in April 1975.
- 2 To collect length compositions and otoliths of plaice, sole, ray and cod to supplement the market sampling programme.

NARRATIVE:

TELLINA sailed from Lowestoft at 0845 h 17 October and arrived at Ipswich at 1745 h fishing at Bawdsey Bank on the way. Using Ipswich as a base TELLINA completed 9 trawl survey hauls before returning to Lowestoft on 24 October. During this period continuous easterly winds prevented work on two days and only allowed one haul to be made on two other days. TELLINA remained at Lowestoft until 27 October. T Williams was replaced by S Lammin on 26 October when a mid-trip break was taken.

TELLINA sailed from Lowestoft at 0800 27 October, worked the two remaining stations in this area and on 28 October steamed to Ipswich, fishing one station outside Bawdsey Bank on the way. Working from Ipswich during the period 29 October to 2 November, TELLINA completed six hauls in marginal weather conditions. Work was prevented on two days by thick fog and strong southerly winds respectively. TELLINA returned to Lowestoft, made three hauls to collect age/length key material and docked at 1230 h 5 November.

RESULTS

TELLINA made one standard one-hour haul in each of 18 groundfish survey station positions to complete Aim 1 of the cruise.

For Aim 2, six extended tows of approximately two hours' duration each were made in order to collect age/length key material. The bobbin groundrope used on the survey stations was replaced by a bosom groundrope for these hauls. Catches of commercially important species were light throughout the cruise and only slightly improved with the longer tows. Net damage was restricted to one station where the belly was badly torn.

All cod, sole and plaice were measured and otolithed at each station; rays were identified, measured and sexed. In addition, all whiting caught at each of the survey stations were measured, and length-stratified otolith samples were taken. All other species of fish were identified and numbers recorded.

T Williams (Part 1)

S Flatman (Part 2)

7 November 1975

SEEN IN DRAFT: A P

INITIALLED: A J L

DISTRIBUTION:

Basic List

T Williams

S Flatman

S O Lammin

Chief Clerk, Kent and Essex Sea Fisheries Committee

" " Eastern Sea Fisheries Committee