

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

1977 RESEARCH VESSEL PROGRAMME

REPORT: RV TELLINA: CRUISE 7
(PROVISIONAL: Not to be quoted without prior reference to the author)

STAFF

J D Riley (NIC) 10-12 July
C N Humphreys 1-9 July
M L White 1-12 July

DURATION

Staff joined TELLINA at Newhaven, 1 July.
TELLINA docked Lowestoft 1800 hrs 12 July.

LOCALITY

E and SE Coast of England, Lowestoft to Newhaven.

AIMS

1. To tag I-group cod, in the area of the Varne.
2. To catch small sole for laboratory tagging trials.
3. To sample fish populations in the region of the Sizewell power station, simultaneously with sampling by C.E.G.B. staff of the fish on the power station intake screens.

NARRATIVE

The scientific staff joined TELLINA at Newhaven on the afternoon of 1 July. The fishing gear which had travelled to Newhaven by road was transferred aboard. Fog prevented work on 2 July. On 3 July two hauls with the Boris Box trawl off Newhaven caught no cod and it was decided to move to Dover, one haul in Rye Bay on passage included only 3 cod.

On 4 July fishing in the vicinity of the Varne and Colbart banks with feathered traces again produced few cod as did trawling at slack water. Catches were light again on 5 July and on 6 July strong NE Winds prevented any fishing. On 7 July catches improved slightly and on 8 July at slack water fish were located in a concentration and in a period of $1\frac{1}{2}$ hours 60 cod were tagged. Deteriorating weather again caused a cessation of fishing and TELLINA left the area on passage for Lowestoft but was forced to seek shelter in Ramsgate. The passage to Lowestoft was resumed on 9 July and TELLINA docked at 1800 hrs.

On 11 and 12 July a total of twelve hauls with the Boris Box trawl were made immediately off the Sizewell Power Station cooling water intake gantry.

RESULTS

1. A total of 124 cod were tagged as under:-

Area	Trawl caught	Feather caught
Rye Bay	3	0
Varne Bank	16	101
Colbart Bank	0	4
Totals	19	105

2. Fifty sole between 12 and 24 cm length were caught off Sizewell and brought back alive to the laboratory for tagging trials.
3. The trawl samples off Sizewell Power Station for comparison with the 'screenfish' consisted mainly of 1 and 2 gp whiting with smaller numbers of pout whiting (chiefly 0-group), plaice, scad, sprats, flounders and sole.

John D Riley
29 July 1977

INITIALLED: DHC

SEEN IN DRAFT: A S Pearson

DISTRIBUTION:

Basic List

J. D Riley (NIC)

C N Humphreys

M L White

Dr N Utting C.E.G.B. Fawley