

Library

R.V. TELLINA

Report for Cruise 9/1968

Staff:

J. D. Riley )  
G. T. Thacker } Part time  
P. Walker )  
J. M. Last )

Duration:

1st-10th May

Locality: Suffolk coast.

Aims:

1. To survey the Sizewell Bank flatfish stocks using:
  - (a) 12" Tin Tow net with 11.27 cm nose cone for fish eggs and larvae.
  - (b) 2 m standard beam trawl for I-group populations.
  - (c) Otter trawl for larger flatfish.
2. To release seabed and surface drifters.
3. To collect adult sole for laboratory use.

Narrative:

On 1st May a few minutes after the 8 F Otter trawl was shot for the first time a serious defect developed in the engine exhaust system which necessitated an immediate return to Lowestoft for repair. The TELLINA was not ready for work again until the morning of 6th May.

On 6th and 7th May aims 1 and 2 were completed. 8th-10th May were spent Otter trawling for adult sole. Work on 10th was limited to the morning by the development of a southerly gale.

Results:

1. (a) Plankton samples containing fish eggs and larvae were collected with the 12" Tin Tow net from stations inside, on top and outside Sizewell Bank.
  - (b) 2 m Beam trawl catches were at the same low level as the previous survey (TELLINA 7/68).
  - (c) The Otter trawl survey revealed a concentration of full and running sole mainly inside Sizewell Bank. These fish must be spawning in this area or not more than 20 miles north or south along the coast.
2. Seabed and surface drifters were released in the Sizewell Bank area as on the previous cruise. A planned release along the coast north to Bacton and south to Clacton had to be postponed due to shortage of time.
3. 25 sole were brought back to the laboratory for hatchery use but due to a rough passage home they were in poor condition on arrival. 67 sole caught during the Otter trawl survey were tagged and released inside Sizewell Bank.

J. D. Riley  
14/5/68

Seen in draft: W. B.

Initialled: H. A. C.

Distribution: Basic list, plus the following:-

J. D. Riley  
P. Walker  
J. M. Last