

Provisional: not to be quoted without prior reference to the author

RV TELLINA

Report for Cruise 10/1969

Staff

Duration

J D Riley	1,3,4,8 December	1-8 December
G T Thacker	2,5 December	
B C Mumford	2 December	
P Bromley	1,3 December	
M G Pawson	8 December	

Locality

Suffolk Coast

Aims

1. To make a 2 m beam trawl and otter trawl survey of Sizewell and Newcome Banks for sole and other flat fish.
2. Further trials of an experimental 2 m beam trawl for young sole.
3. Comparative trials of trammel nets shot across or up and down tide.
4. To catch live fish for hatchery and experimental use.

Narrative

Weather allowed some work to be done on all days, only on the 4 December was work curtailed by increasing N.E. winds.

Results

1. The 2 m beam trawl and otter trawl surveys were completed. The greater numbers of 0-gp sole found during 1969 persist. Unusually large numbers of 0-gp plaice have arrived off Lowestoft since the last survey (MPV SALLY 8-11 September) and their size is particularly small for this time of year (3.5-5.5 overall length).
2. The use of a light agricultural harrow immediately in front of the standard 2 m beam trawl does not increase the catch of 0-gp flatfish.
3. Two pairs of trammel nets were shot both up and down the tide, one in  $2\frac{1}{2}$  fms and the other further offshore in 4 fms. Both weeded up and caught no fish. Because of this no further trials across the tide were made. Subsequently the otter trawl survey showed that very few fish were in the area.
4. Adult flounders, and 0-gp cod, whiting and sole were brought to the laboratory for experimental use, Very high mortalities (>80%) occurred during transport and reception in the 0-gp whiting and sole.

Seen in draft: WB  
Initialled: AJL

John D Riley  
15.12.69

Distribution: Basic list plus the following:-

J D Riley	B C Mumford	M G Pawson
G T Thacker	P Bromley	