

Provisional: not to be quoted without reference to the writer

R. V. TELLINA

Report for Cruise 1/1967

Staff:	B. C. Mumford	Duration:	16-27 January
	T. W. Boon		
	A. Jamieson		
	D. C. Watts	} Biochemical Dept.,	} 17 January only
	B. Simonerson		

Aims

1. Echo and hydrographical survey of the Thames estuary and approaches.
2. Sampling of echo traces with Boris mid-water sprat trawl.
3. To obtain tissue samples of Blackwater herring.
4. To obtain samples of 1-group herring for Mr. R. J. Wood.

Narrative

TELLINA sailed from Lowestoft at 1100 hrs on the 16th January and docked at Felixstowe at 1700 hrs. Two trawl hauls were made in the Wallet, Blackwater area on 17th January to obtain live herrings for Dr. Jamieson.

Bad weather prevented TELLINA from sailing until the 20th of January when a survey of the Middle Deep and Sea Reach was made. She docked at Sheerness at 1830 hrs. The next day TELLINA returned to Felixstowe by way of the Oaze Deep and Barrow Deep. During the period 22nd-26th January three attempts were made to complete the survey area but increasing winds forced a return to port on each occasion. The survey was completed on 27th January, the areas covered being Black Deep, Margate Roads and Knock Deep. TELLINA docked at Lowestoft at 2130 hrs.

Results

1. Echo traces were recorded over most of the area as a thin layer but no dense concentrations were found. Thirty-nine hydrographic stations were worked.
2. Five hauls were made with the mid-water trawl. The highest catch was two baskets of sprats for a forty-five minute tow in the Oaze Deep. Adult spring spawning herring were caught on every haul.
3. 100 Blackwater herring were bled and dissected to provide body tissue specimens for protein analyses.
4. Two samples of 1-group herring were obtained for Mr. R. J. Wood.

B. C. Mumford
9th February, 1967

Seen in draft. W.B.
H.A.C.

/Distribution over.

Distribution

Dr. Cole
Mr. Lee
Captain Aldiss
Dr. Cushing
Mr. Garrod
Mr. Bolster
Mr. Burd
Mr. Cattley
Mr. Corlett
Dr. Harden Jones
Dr. Jamieson
Mr. Margetts
Mr. Trout
Mr. Iles
Mr. Bridger
Mr. Mitson
Mr. Tungate
Mr. Williams
Mr. Wood
Mr. Adams
Mr. Mills
Mr. Kay
Miss Conolly
General Lab.
Lab. Registry
Library (2)
Mr. Whiting
Mr. Simpson
Dr. Reynolds
Chief Inspector
All District Inspectors
Fisheries Registry
Skipper Burroughs
Mr. Buchanan Wollaston
Miss Haddow, D.A.F.S.
Mr. Glover
Hydrographic Department
Dr. Lucas
Director, N.I.O.
Dr. Peachey
Mr. Shelbourne
W.F.A.
Mr. Mumford
Mr. Boon
Dr. Watts) Biochemical Dept.,
Dr. Sinonerson) Guys Hospital