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R. V. CLIONE

Report for Cruise 10/67

Staff

Duration

D. Harding
D. J. Smith
G. J. Howlett
L. Emerson
J. C. Adamson

13th-20th October

Aims

1. To test tin tow nets:
 - (a) to test flow characteristics;
 - (b) trials with new flow meters in the pup samplers;
 - (c) testing new net indicator in the changing net device;
 - (d) to test the effect of clogging in the main filter.
2. To investigate escape from pup samplers.
3. To collect samples of blood from East Anglian herring.
4. To collect live sole for Dr. Purdom, live cod for Dr. Walker and live plaice for Mr. Riley.

Narrative

CLIONE sailed from Lowestoft on schedule at 1730 hours on 13th October 1967.

All activities during the cruise were confined to inshore waters in the lee of the east coast of England between Flamborough Head and Southwold due to gale force winds, which blew almost continuously during the period spent at sea.

The programme of gear testing was also curtailed in so far as the net indicator for the changing net sampler was not ready for sea tests, and both electric flow meters failed to function properly. The clogging tests were, therefore, abandoned. However, the single haul carried out with the standard sampler sufficed to indicate that the programme could not have been completed in the time allotted since water conditions were not suitable.

The main work was confined to testing new flow meters fitted in the 'pup' samplers, and to comparing catches in the six pup samplers mounted on a 30-inch tin tow net fished with and without its nose cone. Seven replicate series of hauls were successfully carried out at two stations off Flamborough Head on 14th and 15th October, and off Southwold on 17th and 18th October.

Weather abated for a short period on 15th and 16th October, and after a preliminary series of echo surveys in the Skate Hole and Well Bank sea areas four shots were made with the Dutch herring trawl on 16th October. Only fourteen herring of suitable size for sampling blood were taken, and a few live plaice and cod were retained from the Well Bank area for Messrs. Riley and Walker.

Late on the afternoon of 16th October trawling was discontinued when weather conditions deteriorated and CLIONE ran into the north Norfolk coast for shelter from a south-westerly gale, and on 17th October moved to a new position off Southwold to avoid north-westerly gale force winds. Here the series of replicate hauls with the 30-inch tin tow net and 'pup' samplers were completed, and on 18th October trawling for sole near Sizewell Bank carried out at slack water. Approximately thirty live sole were retained for Dr. Purdom.

CLIONE returned to Yarmouth at 1330 hours on Thursday, 19th October to discharge live fish; weather was too bad to discharge at Lowestoft. The cruise was concluded on 20th October.

D. Harding

24th October 1967

Initialed: ACB

Seen in draft: TAS

Distribution

Dr. Cole	Mr. Simpson
Mr. Lee	Dr. Reynolds
Captain Aldiss	Chief Inspector
Dr. Cushing	All D.Is
Mr. Burd	Fisheries Registry
Mr. Garrod	Captain Sutton
Mr. Hill	CLIONE file (Capt. Sutton)
Mr. Bolster	Mr. Postill
Mr. Cattley	Mr. Sutcliffe
Mr. Corlett	Skipper Button
Dr. Harden Jones	The British Trawlers'
Mr. Margetts	Federation Ltd.
Mr. Trout	Mr. Buchanan Wollaston
Mr. Iles	Mr. Baird, D.A.F.S.
Mr. Holden	Director, Dublin
Dr. Jamieson	Mr. Glover
Dr. Purdom	Hydrographic Department
Mr. Bridger	Dr. Lucas
Mr. Mitson	Director, N.I.O.
Mr. Tungate	Dr. Peachey
Mr. Williams	Mr. Shelbourne
Mr. Wood	W.F.A.
Mr. Adams	Director, Charlottenlund
Mr. Mills	Director, IJmuiden
Mr. Kay	
General Lab.	
Lab. Registry	Mr. Harding
Library (2)	Mr. Smith
Mr. Whiting	Mr. Howlett
Dr. Johnson	Mr. Emerson
(N.I.C. next cruise)	Mr. Adamson