

In Confidence - Not to be quoted without prior reference to the Laboratory

FRV 'Clupea'

Additional Cruise

Additional Cruise
CP81

REPORT

21 - 30 January 1981

Objectives

1. To test and measure the performance of the vertical sampling trawl (BT 150).
2. To conduct sea trials of the microprocessor based warp tension meters.
3. To test new developments in spreadmeter design.
4. To assess the performance of modified spreadmeters used to measure headline height.
5. To test net mounting and surface speed logs.
6. To carry out tests on other ancillary instrumentation as required.
7. To calibrate plankton sampler flowmeters.

Narrative

After loading fishing gear in Aberdeen on 21 January 'Clupea' worked off Collieston and in the Moray Firth before entering Buckie on 23 January for the weekend break. Work in the Moray Firth continued the following week until the evening of 28 January when 'Clupea' re-entered Buckie. R D Galbraith left to join 'Goldseeker' and J Dunn joined to carry out trials with plankton equipment. The cruise ended in Aberdeen on 30 January.

Results

Although no large quantities of fish were taken the vertical sampling trawl worked well with haddock in all three codends and cod and flats mainly restricted to the bottom codend only. Headline height and wingend spread measurements were also made. All other instrumentation and plankton work was satisfactorily completed.

R D Galbraith
7 January 1982