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In confidence: Not to be quoted without reference to the Laboratory

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CRUISE REPORT

F.R.V. "Clupea"

Dec. 13th-23rd 1965

Personnel

N.P. Wilkins S.O.

W.S. McDonald S.A.

R.H. Osborn N.E.R.C. Student

Objective

. Routine trawling survey for O+1 group herring in the Moray Firth.

In the first week the ten outermost stations were completed. Herring were scarce at all stations, but large catches of whiting were taken at many, especially stations 1-3.

On Monday December 20th trawling was completed at three stations, and "Clupea" put in to Invergordon, where a fault in the main engine was observed.

After an unsuccessful attempt to trawl on December 21st due to the persistence of this fault "Clupea" returned to Buckie to await refit, and the cruise was completed.

Trawling had been completed at eleven stations, and plankton and hydrography at fourteen. Throughout the cruise blood was collected and despatched at intervals to the Laboratory.

N.P. WILKINS

12th January, 1966