

CRUISE REPORT

F.R.S. "CLUPEA"

18th June-4th August

This report covers an 8 week period when the vessel was engaged on a number of different experimental projects in the north western North Sea and the staff changed week by week. The early part of the period was marked by exceptionally bad weather which curtailed the work considerably.

June 18th-July 7th

Trawl camera work by day and night using coarse mesh extensions to the wings of the Vinge trawl. Only 20 hauls could be made during this time, mainly in the Moray Firth, due to the weather. However good photographs were obtained by the camera and differences observed in the catches by day and night. Larger catches of small fish were taken in hauls when a coarse mesh was used as an extension piece. Work was also done on the Sea Scannar and blood samples obtained for Mr. Wilkins.

July 9th-21st

Drift net selectivity, use of coloured nets, measurement of light intensity and observation of vertical migration and depth distribution of herring. Only two hauls were made in the two weeks, the catch being poor. It was possible, however, to do some echo surveys but herring traces were scarce. Frequent measurements were made of light intensity and plankton indicator samples were taken for S.M.B.A.

July 23rd-28th

Trawl camera work by day and night with the Vinge trawl. This week was more successful, 12 hauls being made and good photographs obtained.

July 30th-Aug. 4th

Drift net selectivity etc. as for July 9th-21st. Three hauls were made with drift nets during the week and frequent observation made of light intensity. Traces were more abundant in this week but only one good catch was obtained. Plankton indicator samples were taken for S.M.B.A.

B. B. Parrish
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21st May, 1963.