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IN CONFIDENCE: Not to be quoted without
reference to the Laboratory.

7.
11CR63(Part 1)

CRUISE REPORT

F.R.S. "CLUPEA"

September 2nd-6th 1963

Objective: Herring larval survey off the East coast south of Aberdeen.

Results: This was the first week of the five-week survey. All 49 stations were completed, hydrography being done as well as plankton samples with the Gulf III. The maximum number of larvae taken was about 30 at one station; otherwise the numbers were small and larvae scattered over the whole area of the grid.

Plankton indicator hauls were made at stations where there were 10 or more larvae, using the double disc indicator. Twenty five-minute and twenty ten-minute hauls were made with both double and single disc indicators to assess clogging and provide a conversion factor for the filtration of the two types of indicator. It seemed that five-minute hauls would be better with the double disc indicators, at any rate at this time of year.

Light readings were made at dusk and dawn on one night to assess the time during which feeding of herring larvae ceases due to lack of light.

A haul was made with the Vinge trawl and live whiting and haddock brought back to the laboratory for Mr. Chapman.

J.H.S. BLAXTER

11th September, 1963.