CONFIDENTIAL: Not to be quoted without reference to the Laboratory.

CRUISE REPORT

F.R.S. "CLUPEA"

19th-30th June.

All but one station of the routine Moray Firth trawl survey was completed.

Herring were scarce over the whole area. Most were caught west of the line Lossiemouth-Helmsdale, their size range being 7-20 cms. Small catches of other species including haddock, whiting, cod, plaice, lemon sole and hake were also taken. All cod were sent to the laboratory for cod-worm investigations.

Current markers were released off Aberdeen at intervals of 6, 12 and 30 miles. Two U/W cameras were used off Buckie for day and night series of photographs.

Due to heating of the propeller-shaft the cruise ended on 28th June and Dr. Wilson's geo-magnetic survey was cancelled.

D. P. SHARMAN.

28th July 1961