

R1/6

In Confidence - Not to be quoted without reference to the laboratory

4CR80  
AR

FRV Clupea

Cruise 4/80 (Part 1)

REPORT

28 April - 2 May 1980

Objectives

- a. To carry out trials of a modified RCB.
- b. To record fishing gear and fish behaviour using this vehicle.

Narrative

CLUPEA sailed from Aberdeen at 1700 hours on Tuesday 29 April, losing 36 hours due to late delivery of vehicle components from the factory. However, work commenced in the Moray Firth at 0700 hours on 30 April and continued until 12 noon on Friday 2 May when the vessel docked at Buckie. Water clarity was very good and approximately 7 hours of video tape was obtained. Few fish were observed but time did not allow a search for more fruitful grounds. The depth worked was 16-19 fathoms.

The modified vehicle behaved well having a much improved port to starboard performance. The distance ~~traversed~~ together with speed of response would now seem to be adequate. Interference on the video signal experienced on earlier trials has also been reduced to an acceptable level. Future developments must concentrate on the handling techniques, together with necessary structural modifications to make the vehicle less susceptible to damage during the shooting and recovery procedures.

R Priestley  
9 May 1980

Signed in draft: A Mair