

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

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6MR65CRUISE REPORTF.R.V. "MARA"28th June-9th July

<u>Personnel</u>	<u>1st Week</u>	<u>2nd Week</u>
	C. J. Chapman	C. J. Chapman
	C. C. Hemmings	J. Main
	M. D. Mowat	B. Ross
	Miss M. V. Moodie	A.P.E. Scientists ("SISU")
	J. Mair	
	D. Dalgarno	
	C. Robb	
	B. Ross	
	A. Walker (Pitlochry)	

Location

Moray Firth; ships were based at Buckie and Invergordon.

Objectives

1. To make observations on the behaviour of fish in the vicinity of the Danish Seine with special emphasis on the ropes (1st week).
2. To make observations on model trawls in connection with the Norwegian A.F.E. project (2nd week).

1. Seine Net

Bad weather restricted the work to three days.

The seine net experiments were carried out in Spey Bay. Divers were operated in a group of six in order to cover as much of the ropes as possible. Two rubber boats were used as surface tenders. Much time was devoted to safe organisation of such a large underwater team into a working unit. Observations were made in the following regions.

- a) The net where divers held on to the headline at square and wings.
- b) At 1st, 2nd and 3rd Coil markers (4 Coils being shot per side).

See Fig. 1.

Fig. 1.

4 Coils per side.

