

IN CONFIDENCE: Not to be quoted without
reference to the laboratory

CRUISE REPORT

FRS EXPLORER

28 September - 26 October 1973

Staff

Part 1
(28 Sept-16 Oct)

M J D Mowat	SSO (in charge)
D Cattanach	SSO
C Moir	HBO
R S T Ferro	HSO
S T R de Silva	SO
W R Leys	PTO IV
A MacDonald	PTO IV
C Stephen	PTO IV

Part 2
(17-26 Oct)

D A Wileman	SO (in charge)
R D Galbraith	SO
C W Shand	ASO
W R Leys	PTO IV
A MacDonald	PTO IV
E F McLerie	PTO IV
J Robertson	White Fish Authority

plus a diving team (based ashore) of

C C Hemmings	PSO
J Main	HSO
G I Sangster	SO

Objectives

Part 1

1. To test the engineering performance of a pelagic trawl fished with Charlie boards (otterboards incorporating spinning rotors for depth control).
2. To measure the sound generated by pelagic and bottom trawls using hydrophones attached to the gear.

Part 2

1. To establish procedures for the direct observation of large bottom trawls by divers.
2. To compare the engineering performances of BMV type 6 slotted oval trawl boards with standard 11ft x 5ft flat rectangular trawl boards.
3. To compare the engineering performance of a 96ft headline Stella Granton trawl with that of a standard 78ft headline Granton trawl.