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**REPORT**

Pair trawling trials on board chartered vessels "Endeavour" and "Polar Star"

21 February - 6 March 1985

Personnel

Full time - R D Galbraith HSO  
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Part time - R S T Ferro SSO  
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Objectives

- 1) To obtain measurements on vessels and gear using both shipboard and under-water instrumentation.
- 2) To attempt further measurements and observations of the gear using free-swimming diving techniques.

Narrative

Shipboard instrumentation was installed on both vessels in Arbroath on 21 February but an engine fault on "Endeavour" meant that fishing trials had to be postponed. On 24 February, 2 hauls were made off Arbroath but further engine trouble developed and delayed the trials yet again. Work resumed on 28 February and continued until 6 March when staff and equipment returned to Aberdeen.

Results

A total of ten hauls were made, of which seven were fully instrumented. The results are being used to further develop pair trawl computer analysis procedures.

One haul with divers was carried out in the shallow water of Montrose Bay. Underwater conditions were not suitable for filming but several useful measurements were made.

R D Galbraith  
30 October 1985