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FRV GOLDSEEKER
REPORT
Cruise 2/80
4 - 22 February 1980

2GR80
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Objectives

- Part 1 - To carry out sea trials of a new design of warp tension meter and to develop operational methods.
- Part 2 - To carry out tests on a wide range of gear instruments.

Report

Bad weather ruled out any work at sea during part 1 of this cruise and work on the warp tension meter was confined to a few preliminary tests in the harbour at Buckie. The programme was rearranged slightly to allow some of the work planned for part 1 to take place during part 2. The electrical performance of the instrument was satisfactory but problems with the mechanical design and sealing were identified.

During part 2, most of the standard range of gear instrumentation packages were checked, adjusted and calibrated under operational conditions at sea. A new method of mounting the net speed log was devised and tested, a spread-meter set was tested with a number of modifications and a new shear pin load cell was assessed operating as a deck tension meter.

This was the first cruise for some time devoted entirely to instrumentation development. Apart from the disruptions caused by bad weather it was considered to be time well spent.

G G Urquhart
6 March 1981