

R1/12

Not to be cited without prior reference to the Laboratory

FRV "Scotia"

Cruise 1a/91

REPORT

23-25 January 1991

Personnel

| | |
|----------|-----------------|
| D Reid | SSO (in charge) |
| M Mowat | SSO |
| T Taylor | SO |

Objectives

1. To carry out engineering and operating trials on a towed body for a split beam transducer.
2. To allow linking of the EK500 depth data output to the shipboard computer system.

Narrative

Scientific staff joined "Scotia" on the morning of 23 January. The vessel steamed to a work area approximately 10 miles off Aberdeen, where all trials were carried out. Trials of the towed body were carried out at various speeds (2-10 knots) and with different configurations of tow point, cable, wing position and load. The towed body was equipped with heel and pitch recorders to monitor attitude. Shipboard conversions of the towed body were carried out by the vessel's engineering staff. All trials were completed successfully by 1200 on 25 January.

Mr Mowat successfully linked the EK500 depth data output to the shipboard computer system.

D Reid
4 September 1992