

R1/12

4CP84

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

Cruise Report
FRV Scotia

SM

Cruise 4/84
12-27 AprilPersonnelJ H A Martin
E W Henderson
D C Emslie
R Payne
R D Adams
J McKie
E Cucalon-ZenckObjectives

- 1) To service three current meter moorings deployed on the Rockall Bank and to lay a new mooring along the southern edge of the Bank.
- 2) To work hydrographic sections adjacent to the moorings.
- 3) To work hydrographic stations in the eastern side of the Faroe-Shetland Channel.

Narrative

FRV Scotia sailed from Aberdeen on the afternoon of the 12 April and proceeded to Rockall collecting Caesium samples off Aberdeen, in the Pentland Firth and off Cape Wrath while on passage. The three existing moorings were serviced and a new mooring laid to the south. Hydrographic sections were worked adjacent to all the moorings. Deep water sampling was done near the Feni Ridge for temperature, salinity and silicate analysis. A 24 hour delay was caused by gale force winds and difficulties with the Rockall East mooring further delayed the ship with the consequence that there was insufficient time to undertake hydrographic work in the Faroe Shetland Channel. A hydrographic section was worked across the northern Rockall Trough instead, after which the ship sailed for home. A further Caesium sample was collected off Buckie and the Scotia docked in Aberdeen at 2000 on 26 April.

Results

All the current meters on existing moorings were recovered intact and their data awaits analysis along with the hydrographic data.

Seen in draft

J W Gillan

