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FRV "Goldseeker"

Cruise 10/89 Part 1

10pt1GR89

REPORT

14-21 August 1989

Personnel

P W Balls SSO (in charge)
F Muller Visitor (Southampton University)

Objective

To collect samples of water and suspended particulate matter from the Clyde estuary, Inner and Outer Firths of Clyde and the North Channel.

Narrative

Adverse weather delayed the arrival of "Goldseeker" in Troon until 2000 on 18 August at which time scientific staff joined the vessel. Following loading, "Goldseeker" set out to work in the Inner Firth on the afternoon of 19 August. No work was possible, however, since severe weather forced the vessel to return to port where it remained for the rest of the day.

On 20 August "Goldseeker" proceeded to Greenock where she commenced a flood tide survey of the Clyde estuary. This survey ended at the limit of navigation at high water and the vessel spent the night at Greenock. On the final day of the cruise stations were occupied in Loch Long and the Inner Firth. "Goldseeker" moored at Troon at 1600 on 21 August and following the processing of samples the vessel was unloaded.

Results

Poor weather conditions severely limited the sampling programme. Those samples collected await analysis for trace metals (Southampton University) and nutrients (Marine Laboratory). This cruise was the first of 6 which form part of the MAFF Chief Scientists Group sponsored project to examine the fate of trace metals in the Clyde system.

P W Balls

31 August 1989

