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Charter Vessel *Endrick II*

Cruise 2595H

REPORT

10-13 October 1995

Personnel

M R Robertson	HSO	10-13 October (in charge)
C W Shand	HSO	10-12 October
E Armstrong	SO	10-11 October
I D Tuck	Res Asst	10-13 October
R Watret	RAAU	10-13 October

Gear: RoxAnn, sidescan sonar, TV sledge, grab, corer.

Objective

To carry out surveys of a control and treatment site within upper Loch Gareloch.

Out-turn days per project: 5 days C525.

Narrative

After loading and preparing gear at Greenock Harbour on the morning of 10 October, *Endrick II* sailed for Loch Gareloch at 0930 arriving on station around 1000. A full RoxAnn and sidescan sonar survey of the control and treatment sites was successfully completed. *Endrick II* then returned to Greenock.

On 11 October, the vessel returned to the Gareloch where a TV survey of both sites was carried out. Work was completed by 1700 when *Endrick II* sailed for Greenock, tying up at 1730. All TV equipment was then offloaded.

The following day, *Endrick II* sailed for Gareloch at 0900 and commenced an intensive Day grab survey of the treatment and the southern section of the control sites. Grabbing continued all day until 1600 when the vessel again returned to Greenock arriving there at 1630. All grabbing gear was offloaded and all equipment loaded in preparation for the following day.

On the morning of 13 October, the vessel returned to Gareloch and collected Craib cores for PSP cyst analysis and completed further RoxAnn data collection.

Finally, the vessel sailed for Greenock and offloaded all equipment, work being completed by 1330.

Results

A total of 28 Grab samples and six Craib cores were collected from random positions within the experimental areas. These sample will be analysed later at the Laboratory. Some evidence for recovery within the treatment site was seen. The sidescan sonar provided little indication of sediment disturbance over the treatment site while RoxAnn indicated that the differences between the two sites had markedly reduced. Seven hours of TV data were also collected for later analysis.

M R Robertson
3 November 1995

Charter Cruise 2595H

