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Charter Vessel *Endrick II*

Charter Cruise 1196H

## REPORT

7-11 October 1996

### Personnel

I D Tuck	Res Asst	7-11 October (in charge)
D J Basford	HSO	7-11 October
I J Garioch	CW	7-9 October
C W Shand	HSO	8-10 October

### Gear

RoxAnn, sidescan sonar, TV, Day Grab and corer.

### Objectives

To undertake a sonar, TV and benthic survey of treatment and control sites within upper Gareloch.

**Out-turn days per project:** 5 days C525

### Narrative

After loading gear on the morning of 8 October, *Endrick II* sailed for Loch Gareloch and a full RoxAnn and sidescan sonar survey was carried out. Work was completed by 1700 hours and the vessel returned to Greenock.

On 9 October acoustic gear was offloaded and TV gear was loaded. Once the TV gear was set up, the vessel set sail for Loch Gareloch, and a TV survey was carried out, examining the seabed in the experimental areas of the loch.

On 10 October an intensive grab sampling programme was undertaken, with final sampling completed on the morning of 11 October. The *Endrick II* returned to Greenock, and all equipment was offloaded by 1300 hours.

### Results

A total of 28 grab samples were collected from throughout the experimental areas. These samples will be analysed later in the laboratory. Five hours of TV data were also collected for later analysis. Observations of the sidescan sonar results provided no evidence of sediment disturbance on either side of the loch. The RoxAnn data indicated that little difference now exists between the areas.

I D Tuck  
30 October 1996