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Not to be cited without prior reference to the Marine Laboratory, Aberdeen

## CHARTER VESSEL *ENDRICK II*

Charter Cruise 1096H

20-23 May 1996

### REPORT

#### Personnel

M R Robertson	HSO	20-23 May (in charge)
I D Tuck	Res Asst	20-23 May
E Armstrong	SO	20-22 May
P Barkel	PTO	21-23 May
S De Groot	Visitor	20-22 May

**Gear:** RoxAnn, sidescan sonar, TV, Day grab, Craib corer.

#### Objective

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

**Out-turn Days Per Project:** 4 days C525

#### Narrative

After loading gear on the morning of 20 April, *Endrick II* sailed for Loch Gareloch (see Fig. 1) arriving on station around 0900. An intensive grab sampling programme was successfully undertaken before *Endrick II* returned to Greenock the same evening.

On 21 April, the vessel returned to the Gareloch where a full RoxAnn and sidescan sonar survey of the control and treatment sites was carried out. Work was completed by 1700 hours. All acoustic gear was then off-loaded.

The following day, the vessel returned to the work sites and completed a TV survey and on the morning of 23 April, sailed for Gareloch at 0900 and collected Craib cores for PSP cyst analysis and for faunal distribution analysis.

Finally, the vessel sailed for Greenock and off-loaded all equipment, work being completed by 1400 hours.

#### Results

A total of 28 grab samples and 23 Craib cores were collected from throughout the experimental areas. These samples will be analysed later in the laboratory. Five hours of TV data and four water samples were also collected for later analysis.

Observation of the sidescan sonar results provided no evidence of signs of sediment disturbance over the treatment site while the RoxAnn data indicated that little difference now exists between the experimental areas.

M R Robertson  
5 June 1996

Figure 1

