

R1/10

Not to be cited without prior reference to the Laboratory

FRV "Goldseeker"

Cruise 6/89

6GR89

REPORT

1-19 May 1989

Personnel

T Howell HSO (in charge)
C Shand HSO

Objectives

1. To obtain detailed video tape recordings of the sea bed within the proposed Several Fishery Order site in Loch Ewe, and of experimental sites in Loch Gairloch.
2. To carry out dredge hauls in the Several Fishery Order site.
3. To locate and use suitable areas of sea bed for testing modifications to the colour TV sledge.

Narrative

The scientific staff joined "Goldseeker" at Ullapool on Monday 1 May and loading was completed that day. Between 2-7 May the area to the north of Badachro in Loch Gairloch, where future field experiments are to take place, was studied using the TV sledge. A total of 14 sledge runs were made in this area before "Goldseeker" steamed to Loch Ewe to carry out dredge hauls prior to the Several Fishery Order site survey. Owing to delays in the installation and setting up of the trisponder equipment, the Several Fishery Order site survey did not commence until the day after the half landing on 10 May. After the TV sledge runs and scallop dredge hauls were completed on 14 May, Goldseeker left the site and made for Gairloch. Strong SW winds forced "Goldseeker" to turn back and head for Ullapool. Further attempts to leave Ullapool were thwarted by bad weather until 18 May when "Goldseeker" steamed to Kyle where the TV equipment was unloaded and the cruise completed on 19 May.

Results

Figure 1 shows a plot of the tri-sponder coordinates during the Several Fishery Order site survey. The video tape from this survey and the study in Loch Gairloch will be analysed in the Laboratory.

Eight ~~drift~~ hauls were carried out in the Loch Ewe site yielding 64 scallops and 30 queen scallops.

T Howell

11 July 1989

Seen in draft: A Mair

LOCH EWE SLEDGE SURVEY

