

Indexed *AKR*

PC

R1/10

10GR87

Not to be cited without prior reference to the Laboratory.

FRV "Goldseeker"

Cruise 10/87

Report

24 August-8 September 1987

Personnel

T Howell HSO (In charge)
C Shand SO

Objectives

1. To investigate the use of a sledge mounted colour television for surveying scallop grounds.
2. To observe the effects of modifications to the sledge.
3. To obtain video tape recordings of commercial scallop and Nephrops grounds.

Narrative

The scientific staff joined "Goldseeker" at Kyle on 24 August. After the sledge was prepared for use with the colour camera, runs were attempted to the south of Skye but high winds and hard ground prevented adequate coverage of the area. Good video tape recordings of commercial scallop ground were obtained to the North West of Mull before "Goldseeker" headed for East Loch Tarbert on 29 August, via the Crinan Canal. Prior to the half landing on 31 August recordings of scallop ground at Claonaig, Catacol and Ardlamont were made. Testing of the modifications to the sledge took place immediately after the half landing but had to be postponed owing to equipment failure. During the remainder of the Cruise, sledge runs using colour TV were carried out at Ardlamont, Lamlash, Sannox, and the Còck of Arran before changing over to the black and white camera which was then towed at Claonaig. Dredge hauls were limited to Lamlash and Claonaig.

Nephrops grounds in Loch Fyne and the Kilbrannan Sound were examined using the colour TV but turbidity near the sea precluded any acceptable recordings. The Cruise ended at Troon on 7 September.

Results

The colour camera was used to obtain video tape recordings from 12 runs on scallop ground and 2 on Nephrops ground.

At Claonaig a further 2 recordings using the SDA (B+W) camera were taken for comparison with those obtained using the colour camera in the same area. All the recordings will be analysed in the Laboratory.

T Howell

21 September 1987

Seen in draft: A Mair for D Findlay