

R1/10

In Confidence: Not to be quoted without prior reference to the Laboratory

FRV GOLDSEEKER  
Cruise 4/83  
Cruise Report  
4-15 April 1983

4GR83

Personnel

P Rankine (in charge)  
A S Dick

Objectives

To carry out a herring larval survey with one metre nets on Ballantrae Bank and with Dutch Gulf III samplers over a limited area of the Firth of Clyde.

Narrative

FRV GOLDSEEKER left Buckie at 13.00 on 4 April and docked in Troon at 19.30 on 7 April. Mr Dick joined the ship the same night. On 8 April, eight stations of the Clyde grid were completed and GOLDSEEKER returned to Troon at 18.00.

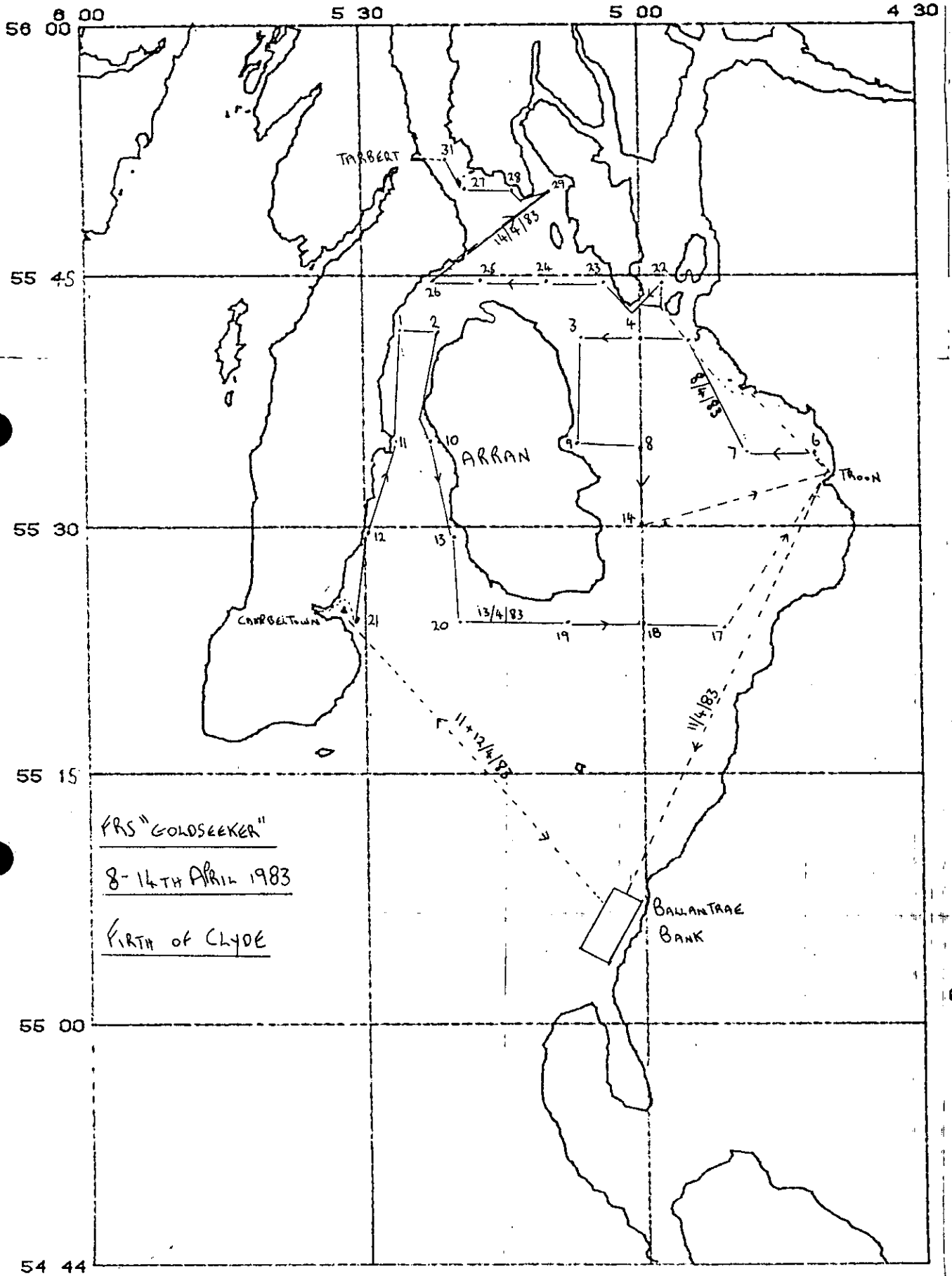
On Monday 11 April the ship left at 06.00 for Ballantrae Bank where eight stations were surveyed before an increasing NW gale caused the survey to be abandoned at 11.09. GOLDSEEKER later docked in Campbeltown at 16.00. The remaining 17 stations were completed the following day and 11 stations of the Clyde grid were completed on 13 April, the ship returning to Troon at 18.00. On 14 April a second survey of Ballantrae Bank was prevented by a strong westerly gale. GOLDSEEKER then steamed northwards where an additional nine stations to the north of the original grid were completed. Sampling was curtailed at 15.10 when the sampler hit a bottom peak damaging both the metering block and the sampler itself. GOLDSEEKER spent the night in Tarbert and steamed back to Troon the following day; further sampling was impossible because of the severely damaged meter block. GOLDSEEKER docked in Troon at 12.00 on 15 April.

Results

A total of 56 stations, 25 on Ballantrae Bank, were completed. An initial analysis of the samples from both Ballantrae Bank and the overall Clyde grid showed herring larvae to be very scarce.

A Saville  
25 April 1983

Seen in draft: W Reid, O I C



FRS "GOLDSEEKER"

8-14TH APRIL 1983

FIRTH OF CLYDE

BALLANTYRE  
BANK