

B1/10

AMM

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

11GB80

FRV GOLDSSEKER

Cruise 11/80

REPORT

30 September - 17 October 1980

Objectives

To capture live Mackerel for use in target strength experiments at Loch Daich field station.

General

GOLDSSEKER sailed from Corpach on the 30th September, however inclement weather delayed her arrival at Kyle until the 3rd October.

Mackerel were captured using hand lines on Monday 6 October, the 7th was lost due to strong westerly gales. More Mackerel were captured in Kyle Rhea on the 8, 9 and 10th of October, and by 1400 hours on the 10th the storage capacity of 400 fish at the Loch Daich site had been exceeded.

GOLDSSEKER sailed for Buckie on the 13th October 1980.

Results

The Mackerel were successfully stored in the fish barge and a 4 square metre keep cage for up to 4 weeks, which enabled 3 target strength experiments to be performed.

The modifications made to the fish barge greatly improved its stability under tow and new fenders eliminated many of the problems previously encountered when manoeuvring the barge along side the towing vessel.

Ian Edwards

5 November 1980

Seen in draft

W Smith

Officer-in-Charge