

Indexed
AAB

OB

R1/12

10SR86

Not to be cited without prior reference to the Laboratory

LD

"Scotia"

Cruise 10/86

Report

3-23 October 1986

Personnel

J A Gauld	HSO (in charge)
R Payne	HSO
Mrs M E Black	SO
R D Adams	SO
I Gibb	ASO
C Burton	visitor (NCC)

Objectives

1. To carry out a herring larval survey in ICES division VIa and around Orkney.
2. To uplift and service hydrographic current meters and moorings.
3. To collect samples of water for radio-caesium monitoring.
4. To observe the numbers of sea birds at sea, (NCC).

Narrative

"Scotia" departed from Aberdeen at 1430 on 3 October and proceeded north to the position of the Argos buoy, which had been released during the previous cruise, where a line of hydrographic and herring larval sampling stations was worked. On completion of this work, "Scotia" proceeded to the west of Orkney to uplift hydrographic current meters/moorings and to carry out sampling for herring larvae in ICES Division VIa.

On 11 October "Scotia" entered the Clyde estuary to carry out work on hydrographic current meters/moorings and on 13 October put into Campbeltown for a mid-cruise break. From 14-20 October sampling of herring larvae in VIa was continued, except for a brief halt on 18 October when "Scotia" called at Ullapool to collect engine spares and Marconi communications personnel. On 21 October the remaining current meter/mooring at Orkney was recovered. "Scotia" then proceeded eastwards to the latest position of the Argos buoy before heading to Leith where the cruise finished at 1000 on 23 October.

RESULTS

1. Herring larvae

The herring sampling grid in VIA was surveyed twice, a total of 184 samples were collected and all samples were sorted at sea. The results of the survey will be included in the abundance indices to be presented to ICES in 1987.

Herring larvae samples, water temperatures and salinity measurements were collected at five stations east of Orkney through the position of the Argos buoy. Although the position of the Argos buoy was located by satellite towards the end of the cruise, the buoy itself was not located or recovered.

2. Hydrographic current meters/moorings

To the west of Orkney four hydrographic current meters/moorings were recovered and taken back to Aberdeen. In the Clyde estuary two current meters/moorings were recovered, serviced and repositioned.

3. Radio-caesium

Water samples for radio-caesium monitoring were collected at Buckie, Pentland Firth, Cape Wrath, Aberdeen and Arbroath sampling stations.

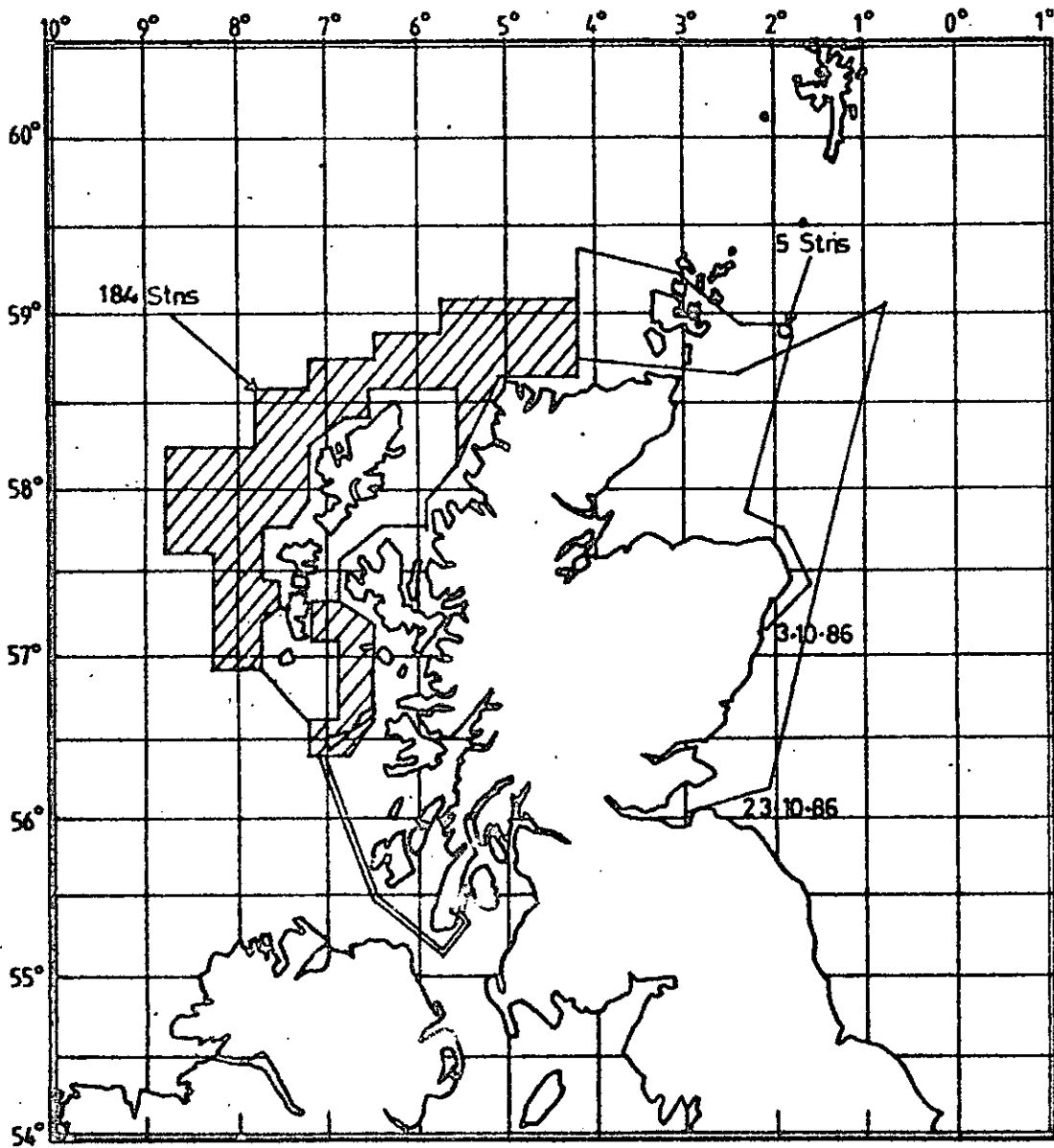
4. Sea-birds

Observations on the species and numbers of sea-birds were made throughout the cruise in conjunction with the NCC and their sea-birds at sea project.

J A Gauld

12 December 1986

Seen in draft: N MacIver



SCOTIA
10 S86

3-23-10-86