

A total of 56 one hour hauls were made using the GOV trawl. For the first half of the cruise the ground gear consisted of the standard set of 152 mm rubber discs, together with 47 m sweeps. During the second half of the cruise 15 metres of the 152 mm discs were replaced with 305 mm bobbins in order to minimise gear damage that could be caused by the rougher ground in the northern sector of the

Results

"Scotia" sailed at 1130 hours on Thursday 2 February. Trawling started off the Aberdeenshire coast but operations soon became hampered by adverse weather. By the beginning of the following week, the gales moderated sufficiently to allow "Scotia" to work eastwards and the ship docked in Stanger on Monday 13 February. "Scotia" left port the following day and attempted to fish at stations off the Norwegian coast but westerly storms caused these positions to be abandoned. "Scotia" dodged westwards and after landing a ship's officer at Peterhead, trawling was recommenced in the Moray Firth. Again bad weather interrupted work and "Scotia" was forced to shelter from a southerly storm in North Sound, Orkney. During the last few days of the cruise, "Scotia" took every advantage of breaks in the weather to try and complete stations off the Orkneys and in the Fladen area. "Scotia" docked in Aberdeen at 0830 hours on Wednesday 22 February.

Narrative

To take part in the ICES International Young Fish Survey in the North Sea.

Objective

- | | |
|--------------------|---------|
| A W Newton | SSO |
| R D Galbraith | HSO |
| C D Hall | HSO |
| W S MacDonald | SO |
| M A Bell (Miss) | SO |
| I Henderson | SO |
| D Campbell | ASO |
| C Davis | ASO |
| J McWilliam (Miss) | ASO |
| G Costa (Ms) | Visitor |

Personnel

2-22 February 1989

Report

Cruise 2/89

FRV "Scotia"

2SR89

Not to be cited without prior reference to the Laboratory.

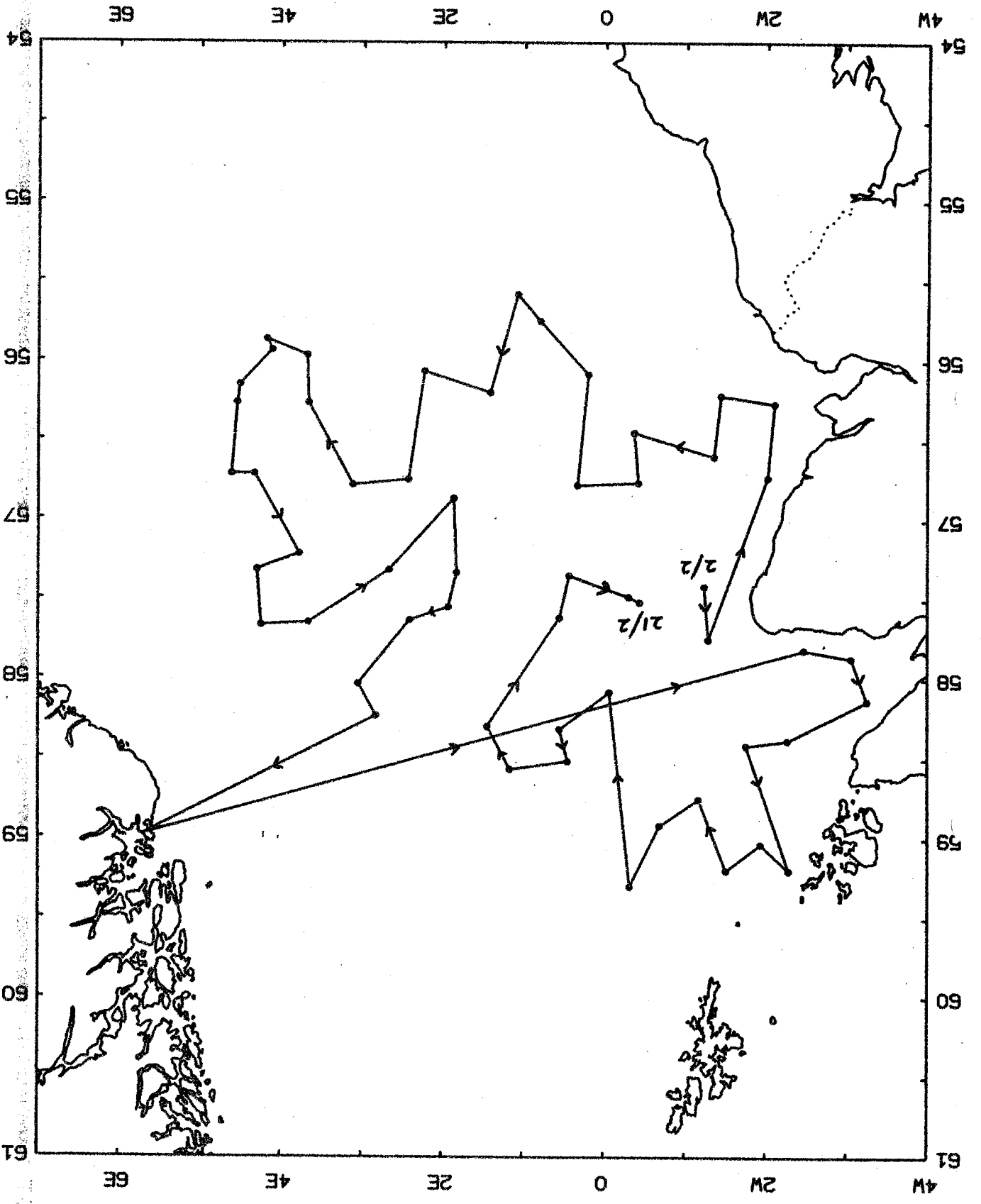
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TABLE 1

Indices of major species from recent young fish surveys

Year	Herring <20 cm	Cod <25 cm	Haddock <20 cm	Whiting <20 cm	Norway pout <15 cm
1985	3,416	0.9	229	341	2,109
1986	3,667	17.0	579	456	2,043
1987	5,717	8.8	885	669	3,023
1988	4,592	5.1	96	434	267
1989	3,682	14.0	164	1,421	2,000



SCOTIA YOUNG FISH SURVEY -- FEBRUARY 1989