

R1/12

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FRV *Scotia*

Cruise 0292S

REPORT

27 February-18 March 1992

Personnel

K A Coull	HSO
R D Galbraith	HSO
M E Medford (Mrs)	HSO
J R Hutcheon	SO
D S Beveridge	SO
K J Peach	ASO
N S Collie	PTO
A Rowand (Miss)	PhD Student (27 February-4 March)

Objective

Demersal trawling survey of the grounds off the north and west coasts of Scotland.

Narrative

Scotia sailed from Aberdeen on the morning of 27 February and headed for the Shetland area in order to complete six stations which were not done during the IYFS.

Scotia arrived on station the following morning but trawling operations were delayed until mid afternoon due to problems with the net winch. One haul was carried out before poor weather conditions prevented further work until the following afternoon. The remaining stations to the north and west of Shetland were completed on the evening of 3 March.

Work on the West Coast Survey commenced the following morning on the stations west of Orkney. Due to a family bereavement, *Scotia* called in at Scrabster to land a member of the scientific staff. With severe weather conditions forecast, *Scotia* continued on the stations off the north coast before heading in to the Minch. *Scotia* worked southwards completing stations in the sheltered waters of the Minch, Clyde and Northern Ireland as weather permitted. The stations to the northwest of Ireland and the Stanton Banks area were completed before *Scotia* docked at Stornoway on the morning of 9 March for the mid trip break.

Trawling recommenced on the afternoon of 10 March in the South Minch area. With severe weather preventing work on the stations west of the Hebrides, the opportunity was taken to repeat stations in the Minch. *Scotia* worked the Butt of Lewis area on 13 March before steaming south overnight to resume work west of Barra. *Scotia* then worked northwards, covering stations on the west and northwest edges of the survey area. With severe weather conditions preventing fishing on the afternoon of 17 March, *Scotia* headed for Aberdeen, where she docked at 0830 the following morning.

Results

A total of 48 hauls were completed.

Average numbers of 1-group haddock and whiting caught per hour in each statistical rectangle are shown in Figures 1 and 2 respectively. Average numbers of herring caught per hour in each statistical rectangle are shown in Figure 3.

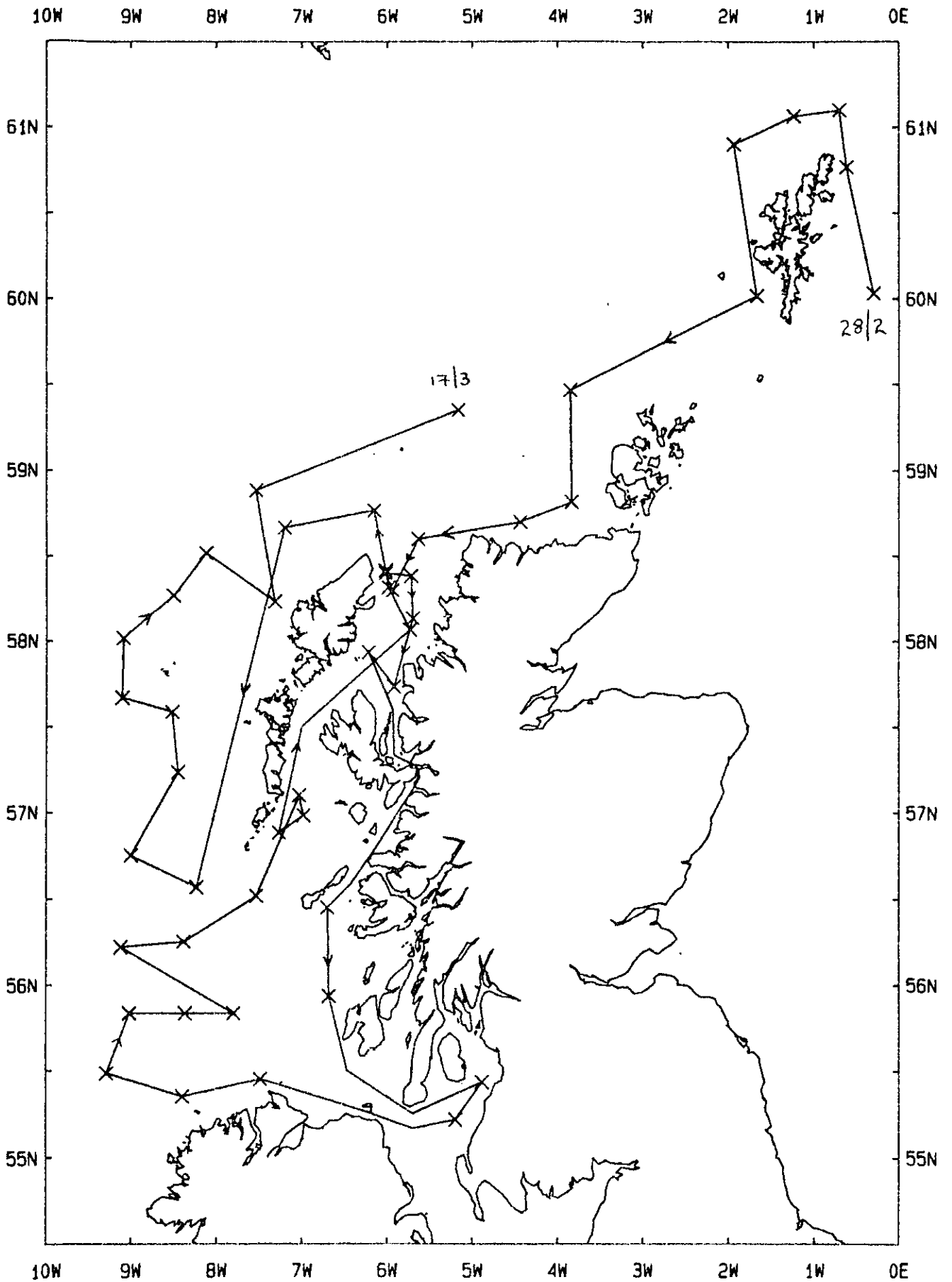
The Scanmar system was used throughout the cruise to monitor headline height, wing spread, door spread and distance covered during each haul.

All length frequency and haul summary data were punched at sea and stored on floppy disk using a BBC micro-computer.

K A Coull
21 May 1992

Seen in draft: P Ramsay (Master)

SCOTIA 27 Feb - 18 Mar 1992 Cruise 0292S



Haddock I-group average numbers/hour

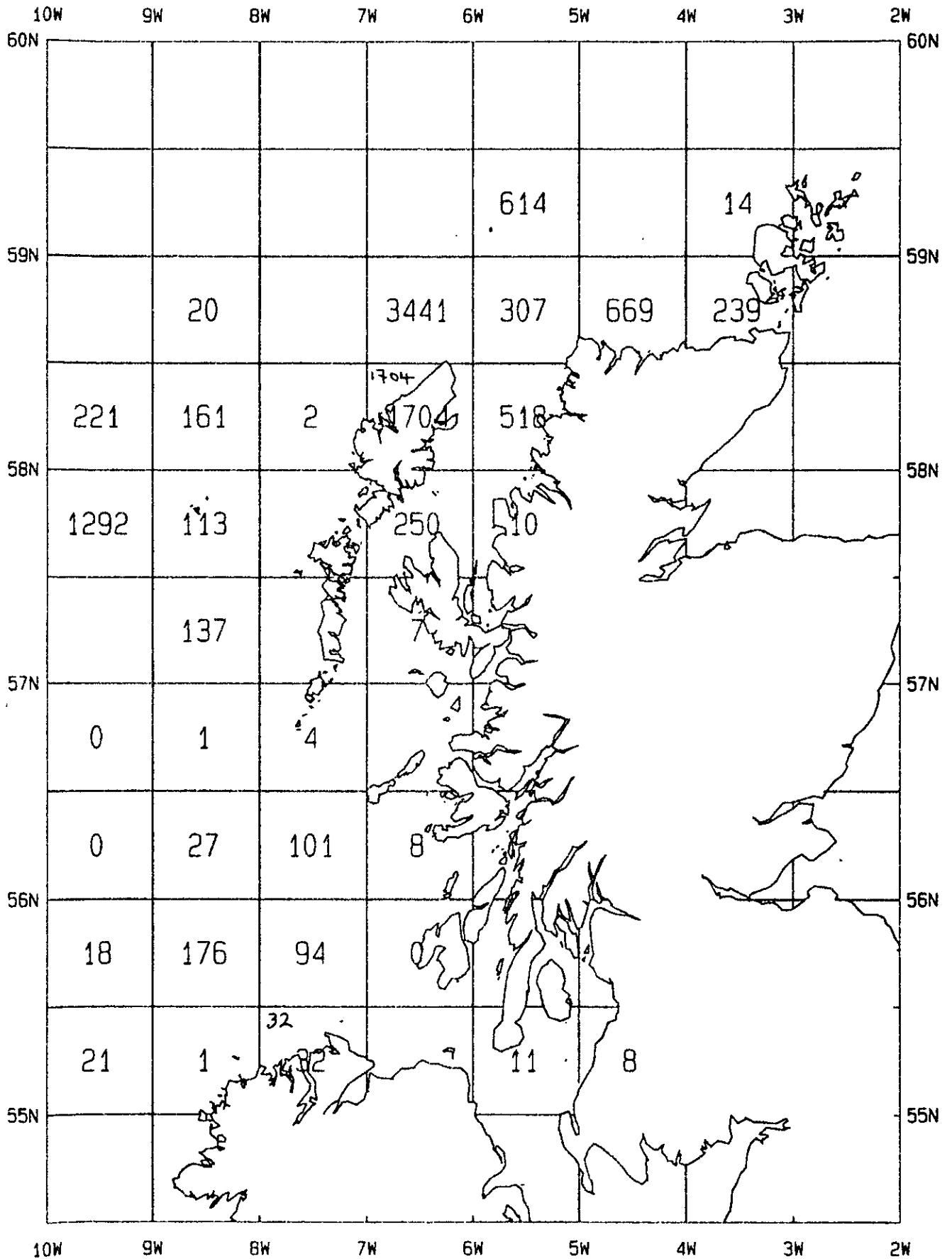


Figure 1

Whiting I-group average numbers/hour

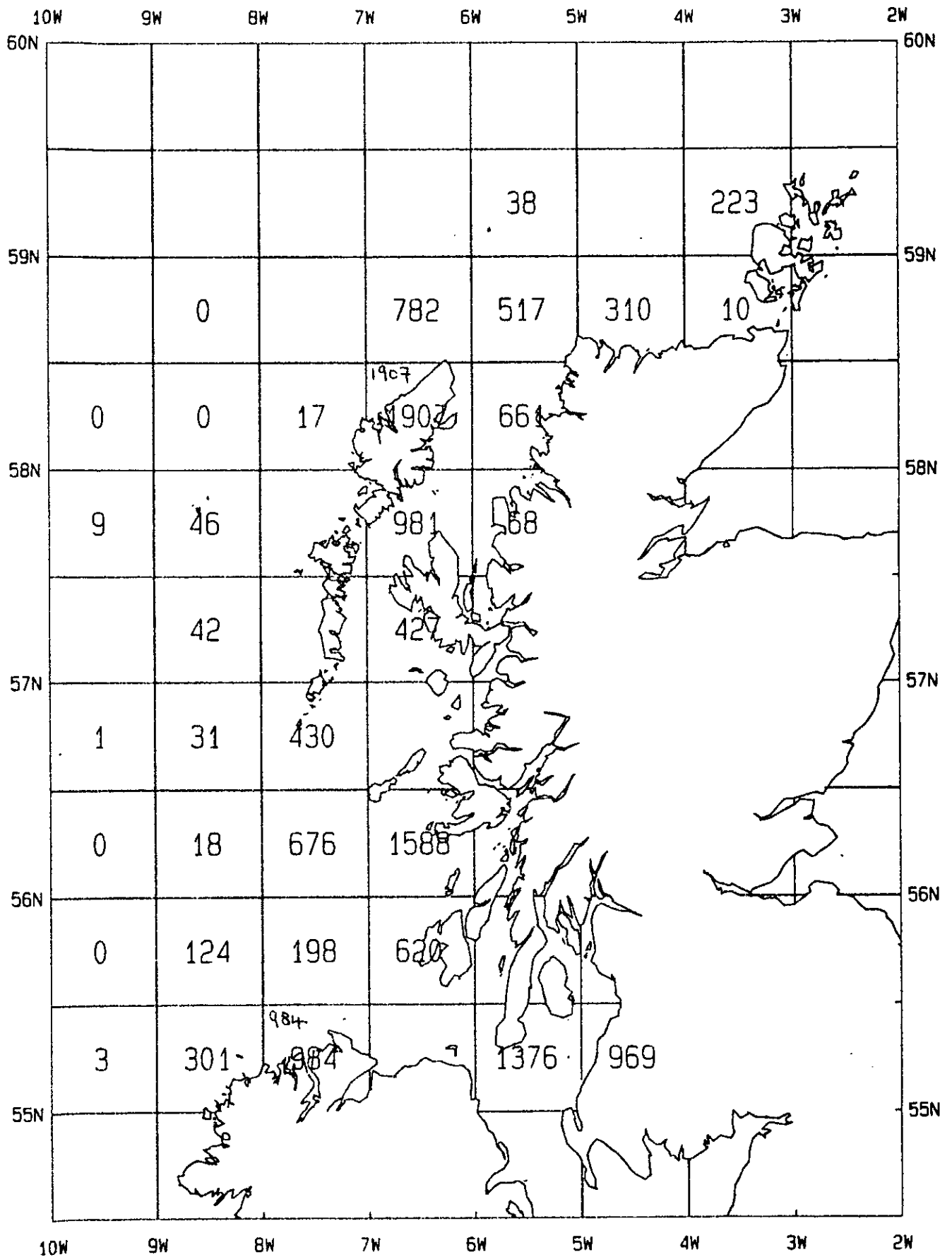


Figure 2

Herring average numbers/hour

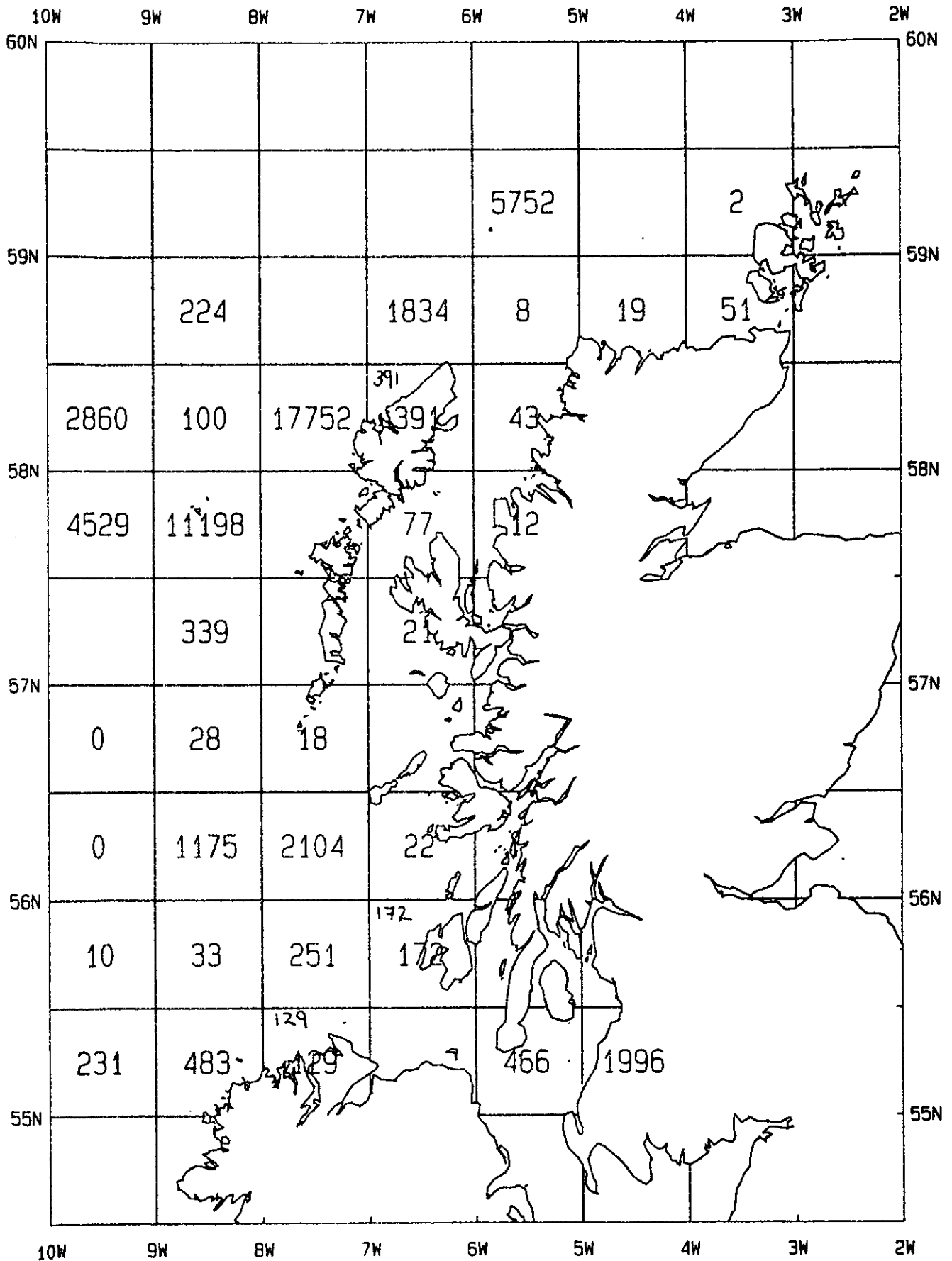


Figure 3