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SCR88

FRV "Clupea"
Cruise 5/88

REPORT

6-24 June 1988

Personnel

R M Cook PSO
P A Kunzlik HSO
G I Henderson SO

Objectives

To undertake an 0-group gadoid survey in the Northern North Sea.

Narrative.

"Clupea" sailed from Buckie at 1830 hours on 6 June. Trawling commenced at 0800 hours on 7 June. Twenty seven hauls were completed before the half landing in Kirkwall on 16 June. During the second part of the cruise a further 26 hauls were successfully completed. "Clupea" docked at 2030 hours on 23 June.

Results

During the first part of the cruise very few 0-group gadoids were encountered and those fish which were caught were very small. During the second part of the survey, when sampling stations were repeated, cod and haddock were larger but still very scarce. Whiting, however, were considerably more abundant. Most of the 0-group gadoids were found in an area approximately 70 to 100 miles east of Orkney. Norway pout was almost completely absent from samples, in marked contrast to earlier surveys. The standard abundance indices for the main species are as follows;

	1986	1987	1988
Cod	60	4.3	3.3
Haddock	254	42.5	17.6
Whiting	141	20.6	87.1
Norway pout	1668	1.9	<0.5

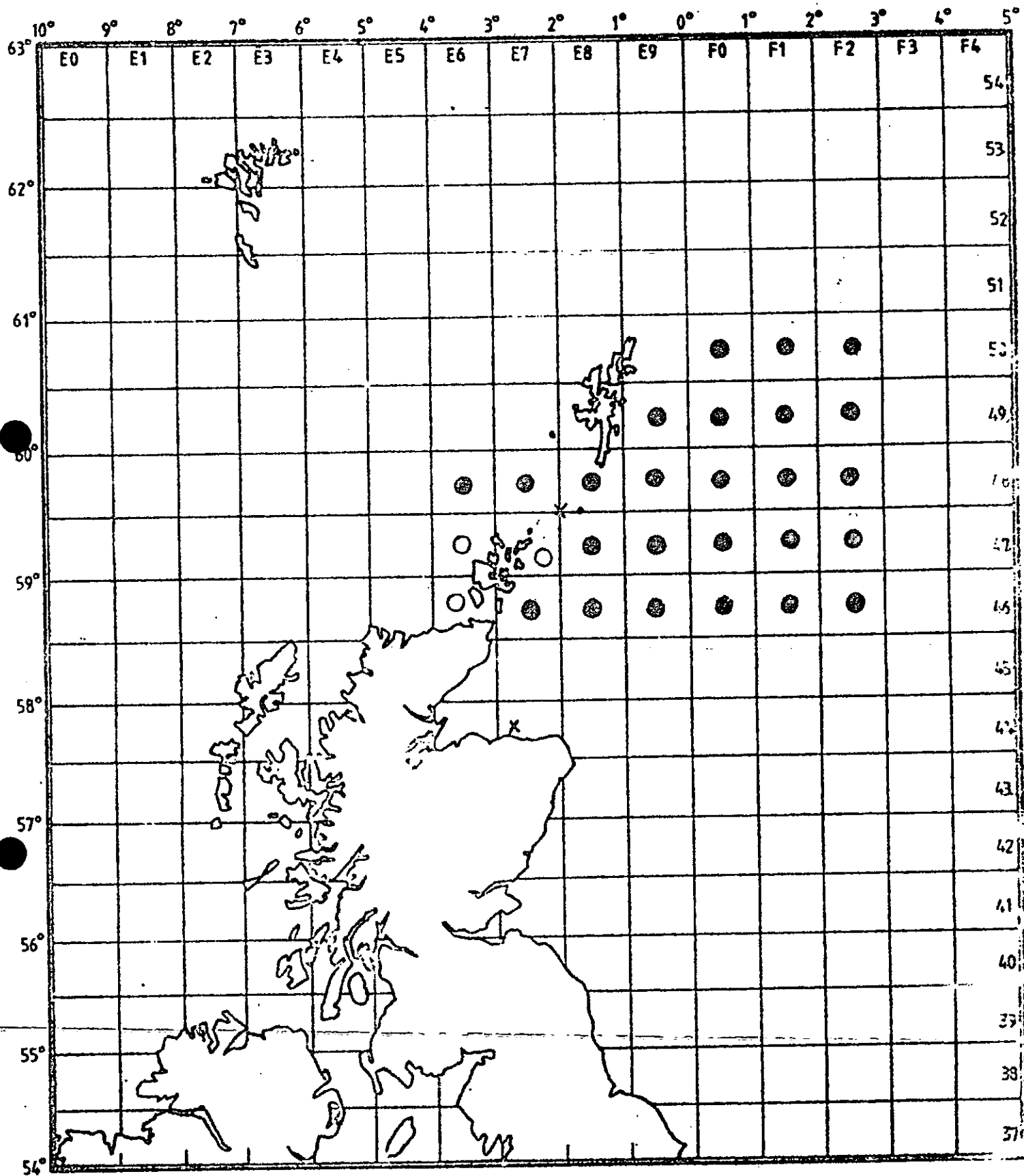
Radio-caesium samples were collected off Buckie and at Fair Isle.

R M Cook

24 August 1988

Seen in draft G Calder

CLUPEA CRUISE 5/88 Sampling Stations



- TRAWLING STATION SAMPLED ONCE
- TRAWLING STATION SAMPLED TWICE
- X RADIO-CAESIUM SAMPLE