

MINISTRY OF AGRICULTURE, FISHERIES AND FOOD  
 FISHERIES LABORATORY, LOWESTOFT, SUFFOLK, ENGLAND

1982 RESEARCH VESSEL PROGRAMME

REPORT: RV CLIONE: CRUISE 3

(PROVISIONAL: Not to be quoted without prior reference to the author)

STAFF:

J D Riley

Dr B M Thompson

C N Humphreys

C L Whiting

A Lawler

DURATION:

Left Lowestoft 1530 h 16 February

Arrived Lowestoft 0300 h 4 March

All times are Greenwich Mean Time

LOCALITY:

North Sea

AIMS:

1. To tag pre-cruited cod off the Danish coast, the Southern Bight or off the English NE coast.
2. To measure the influence of temperature on the development of fish eggs and larvae (on an opportunistic basis).

NARRATIVE:

RV CLIONE proceeded directly to a position of Scheveningen where RV CIROLANA had proved a large concentration off 1-group cod on Cruise 2/82. Tagging there took place between 17 and 22 February. On 23 February a second position 40 nm to the north was tried and tagging continued there until 1830 h on the 24th when the mid cruise break was taken a little early in Ijmuiden to allow a crew member ashore for family reasons. Tagging restarted at the second position on the 26th but as catch rates were now barely satisfactory CLIONE moved overnight to the original position. By 27 Feb over 4,000 1-group cod had been tagged in this rectangle and overnight CLIONE moved to similar latitudes on the English side of the North Sea. Catch rates here were however much lower. For the first time on the cruise, gale force winds interfered with the programme when CLIONE was obliged to anchor off Margate at 2200 h on 2 March. Gales prevented any work on 3 March and with forecasts indicating little prospect of further work, CLIONE set course for Lowestoft in the evening.

RESULTS:

1. Cod were tagged as shown in the table.

<u>Rectangle</u>	<u>1-Group</u>	<u>2-Group</u>	<u>Total</u>
Outer tongue	32F1 55	8	63
Sizewell Bank	33F1 30	4	34
Suffolk coast (off)	33F2 10		10
Den Helder (off)	34F4 578	13	591
Scheveningen (off)	33F4 4047	37	4084
	4720	62	4782

2. No fish in ripe-running condition for which development data was required, were found and no experiments were attempted.

3. Samples of mixed gadoids, for use for demonstration purposes on fish identification were deep frozen for Mr Harding.

4. The opportunity of the visit to IJmuiden was used to discuss with Dr von Beek and his colleagues at the RIVO laboratory, progress on ICES coordinated projects on prerecruit fish.

J D Riley (NIC)  
15 March 1982

SEEN IN DRAFT:

Master: F J

Fishing Skipper: R J H

INITIALED:

D J G

DISTRIBUTION:

Basic List:

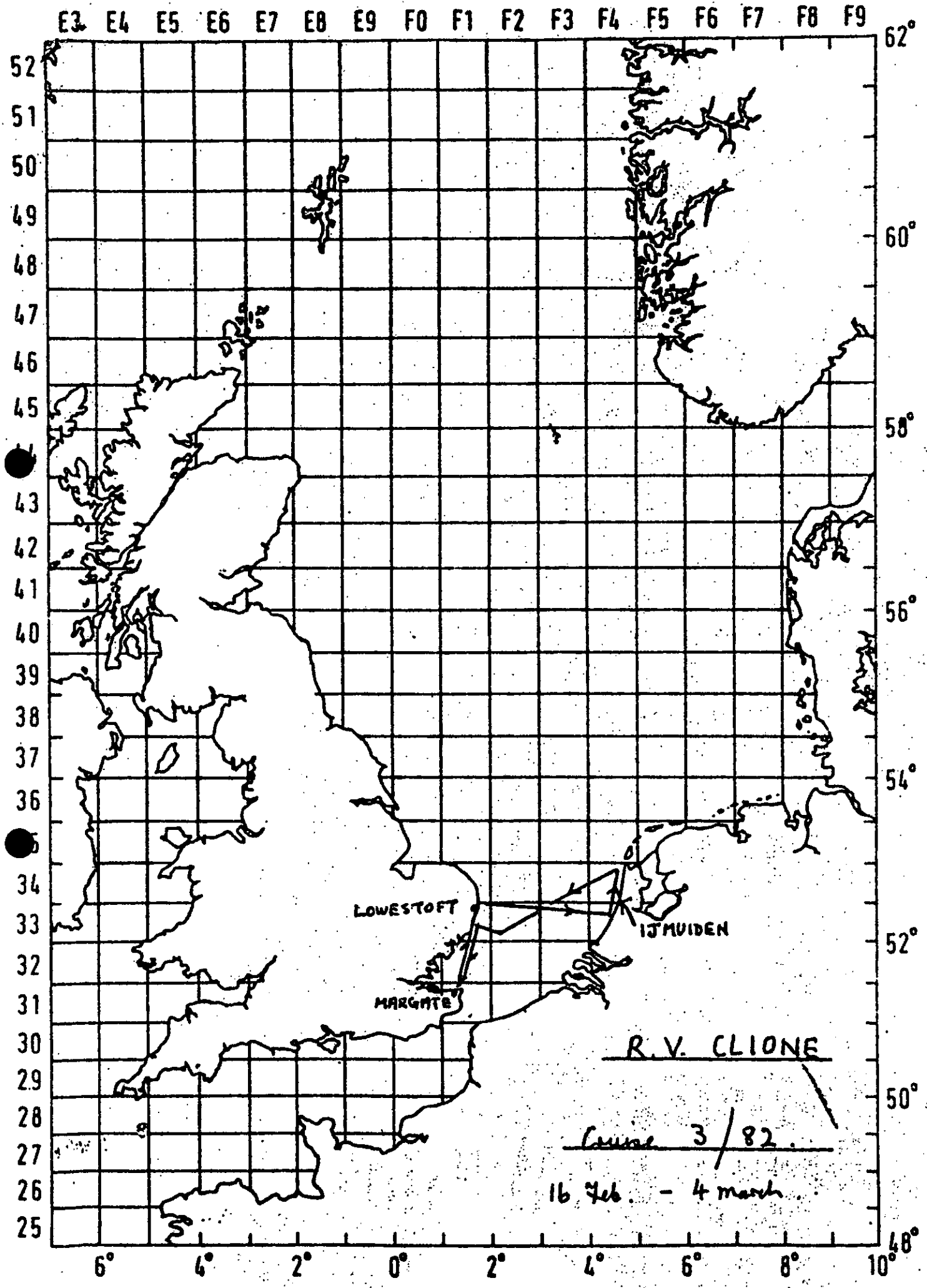
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48°

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LOWESTOFT

MARGATE

IJMUIDEN

R.V. CLIONE

Cruise 3/82.

16 Feb. - 4 March