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

42. PLAICE

1973 RESEARCH VESSEL PROGRAMME

REPORT: RV CLIONE: CRUISE 1

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

STAFF

C E Purdom
M Htun-Han (Burma)
C J Garrod

DURATION

Left Lowestoft 0847 h 2 January

Arrived Lowestoft 0840 h 5 January

All times are Greenwich Mean Time

LOCALITY

North Sea

AIMS

1. To collect live fish;

2. To collect deep-frozen milt and liver samples;

3. To collect and deep freeze pituitry glands;

4. To collect dab gonads.

NARRATIVE

RV CLIONE sailed at 0847 h 2 January and proceeded to the Tea Kettle Grounds, arriving at 1630 h. Two 1-hour hauls were made, finishing at 2035 h. A box survey was made during the night to locate the deeper water and fishing was continued at 0635 h, 3 January. All plaice requirements were fulfilled by 1845 h and a course was set for the Flamborough Off Grounds to attempt collection of turbot and brill. Fishing began off Flamborough at 0630 h 4 January. At the end of the fourth tow, the gear came fast and suffered extensive damage to doors, ropes and net. In the absence of spare doors further fishing was impossible and RV CLIONE returned to Lowestoft, docking at 0840 h 5 January.

RESULTS

All live plaice requirements were met (Aim 1) and milt from 20 male plaice was collected, together with samples of blood, liver and muscle for electrophoretic analysis (Aim 2). Dab material (Aims 3 & 4) was collected for all but the extreme size ranges. One 50 cm turbot was returned to the laboratory. No brill or thornback rays were caught.

C E Purdom
15 January 1973

SEEN IN DRAFT MRS
AHB

INITIALLED AJL

DISTRIBUTION
Basic list M Htun-Han
C E Purdom C J Garrod