

*Mr. BATE*

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

1975 RESEARCH VESSEL PROGRAMME

REPORT: RV CORELLA: CRUISE 3

STAFF

- John D Riley (NIC)
- T Williams
- D J Symonds
- M MacDonald

DURATION

Left Lowestoft 1300 h, 4 February

Arrived Lowestoft 1100 h, 17 February

LOCALITY

Irish and Celtic Seas

AIMS

1. To carry out a survey of the west coast of England and Wales and the SW coast of Scotland to the Mull of Galloway using a 50 cm high speed tow net.
2. To collect a dinoflagellate sample for Dr Dodge (London University).
3. To collect line caught cod for laboratory use.

NARRATIVE

After the steam to Lands End the plankton grid was started at 0400 h on 6 February (see attached map). Sampling continued uneventfully until am, 12 February when with poor visibility in Cardigan Bay, and considerable inshore sampling still to be done, CORELLA sailed directly to Milford Haven to repair a defective radar and take water and stores. On arrival, however, the local Kelvin Hughes agent was unable to repair the radar.

After leaving Milford Haven at 0700 h, 13 February, the west coast plankton stations were completed at 2200 h, 14 February. During the next 7 hours stations between Lands End and the Lizard were sampled, these were missed in February 1974 due to storms.

The sample of phytoplankton for Dr Dodge was collected 10 miles off Lowestoft towards the end of the steam home.

A seawater sampling system for oxygen saturation, pH, temperature, salinity, light transmission, and Chlorophyll A worked continuously from and back to Lowestoft, a total distance of over 2,250 miles.

RESULTS

1. 88 out of a planned 93 plankton stations were completed.
2. The dinoflagellate sample was collected for Dr Dodge during the last day of the cruise.
3. Attempts to catch cod on lines off Corton during the period at anchor were unsuccessful.

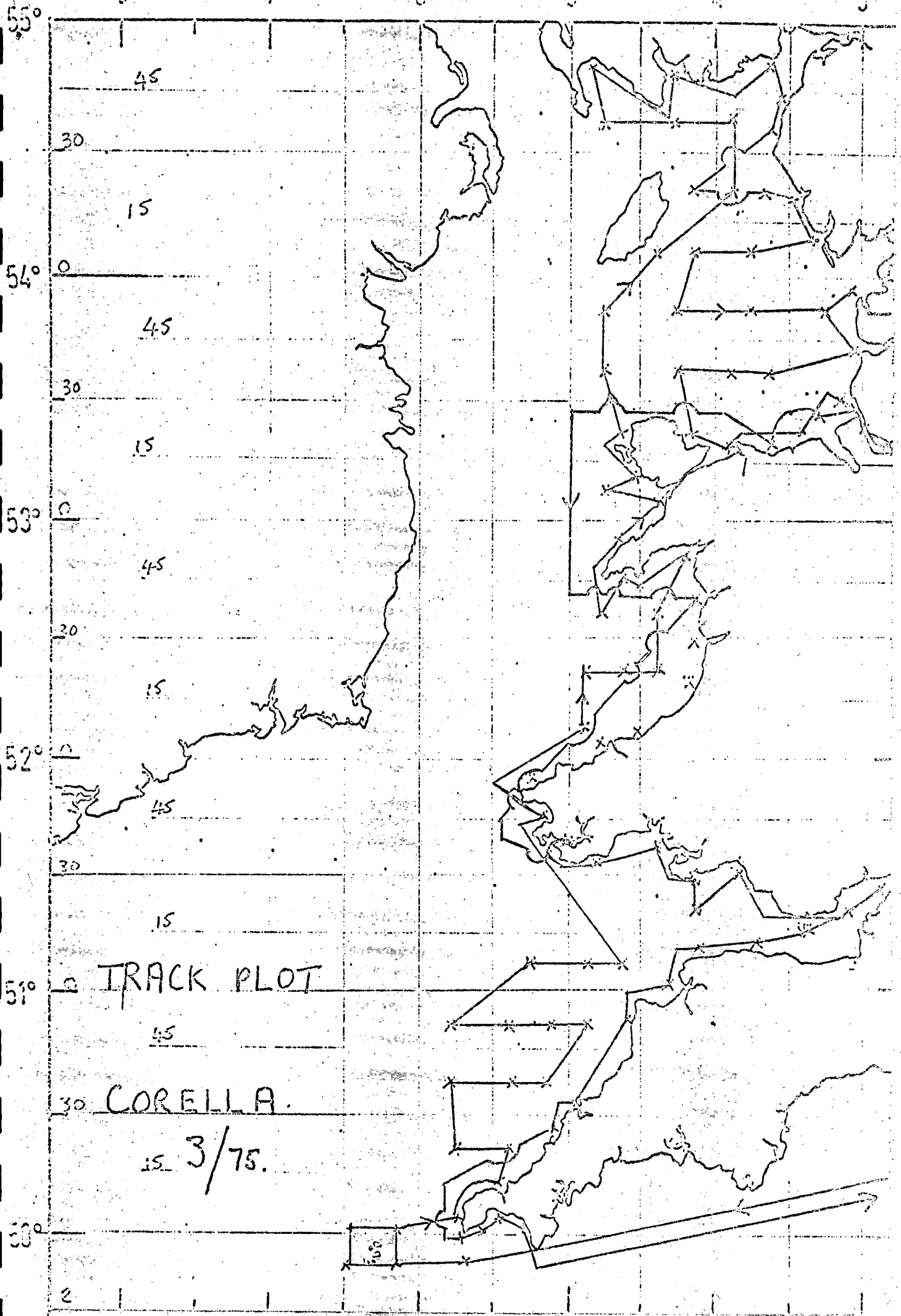
John D Riley  
21 February 1975

SEEN IN DRAFT: JEWB, ETB

INITIALED: AJL

DISTRIBUTION:

Basic List  
John D Riley  
T Williams  
D J Symonds  
M MacDonald



TRACK PLOT

CORELLA.

is 3/75.

55°  
30  
54°  
30  
53°  
20  
52°  
30  
51°  
30  
50°

45  
15  
45  
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15

2