

dw

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

1976 RESEARCH VESSEL PROGRAMME

REPORT: RV CORELLA: CRUISE 12b

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

STAFF

J W Talbot  
J Wooltorton  
S R Jones  
D Hughes

DURATION

Left Lowestoft 1245 h, 16 September

Arrived Lowestoft 0622 h, 21 September

All times are Greenwich Mean Time

LOCALITY

Lincolnsnire Coastal Waters

AIMS

1. To lay and recover an array of 4 recording current meters.
2. To measure the movement and dispersal in the vicinity of the meters of a patch of Rhodamine-B.

NARRATIVE

16 September. CORELLA steamed to the survey area and laid the first current meter station at position  $53^{\circ}08.5'N$   $00^{\circ}39.3'E$ .

17 September. Three more current meter stations were laid and a release made of 47 gallons of Rhodamine-B solution. Three surveys were made of the Rhodamine patch.

18 September. Two surveys were made of the Rhodamine-B patch.

19 September. A hydrographic station was worked in the area of the Rhodamine-B patch which was then surveyed. Two of the moored recording current meter stations were recovered.

20 September. The remaining two moored current meter stations were recovered. The Rhodamine-B patch was then surveyed and on completion of this work the ship set course for Lowestoft.

RESULTS

The aims of the cruise were completed as planned. As far as can be judged at this stage there was little overall drift of the patch of Rhodamine and the dispersal rate was much as expected.

J W Talbot  
27 Sept 1976

JOHN W. TOLSON  
DIRECTOR

UNITED STATES DEPARTMENT OF JUSTICE

SEEN IN DRAFT: GS  
ETB

INITIALED: AJL

DISTRIBUTION:

- Basic List
- J W Talbot
- J Wooltorton
- S R Jones
- D Hughes