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)

The second of the second

1.5

10 10 July 10 10

STAFF

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

DURATION

Left Lowestoft 1245 n, 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°08.5°N 00°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 Company of the property

HER MALE RESIDENCE OF THE ACT

from the line of a potential of the section of the first term of the first term of the first term of the first

SEEN IN DRAFT: GS

ETB

INITIALLED: AJL

DISTRIBUTION:

Basic List

J W Talbot

J Wooltorton

S R Jones

D Hughes

Commence of the second of the second of the second

Compared the first of the property of the contract of

.

and the second of the second o

and the second realization of the second rea

and the control of th

albert crowned for a resident of the following for the control of the crowned for the control of the control of

and my then therefore a rest for the contract of the contract of the second

and to the experience and the second of the experience of the expe

and provided the contract of the contract of the contract of the contract of the second of the second of the contract of the c

Care in

We have the modern than the control of the configuration of the control of the

dediction (