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

1974 RESEARCH VESSEL PROGRAMME

REPORT: RV CLIONE: CRUISE 12

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

STAFF

G C Baxter  
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J Henderson  
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DURATION

Left Lowestoft 1930 h, 30 August

Arrived Lowestoft 0830 h, 5 September

All times are Greenwich Mean Time

LOCALITY

Solent

AIMS

1. To recover all the current meters moored during CLIONE 11.
2. To continue the hydrographic survey of the Solent begun on CLIONE 11.

NARRATIVE

CLIONE arrived at current meter station I at the eastern end of the Solent, at 1900 h 31 August. A visual check was made of this station, and then of stations J, F and H before anchoring until daylight. Stations H and F were lifted by 0605 h, 1 September, and the ship proceeded towards station F. However, engine trouble occurred at 0820 h, which made it essential that the ship should anchor for several hours for repairs to be made. As this coincided with the start of a S.W. gale, the anchorage chosen was at a point between Hamstead Lodge and Salt Mead, where a 25 hour hydrographic station was worked, starting at 1015 h, 1 September. This was completed by 1130 h, 2 September, and station E was lifted at 1805 h, 2 September in storm force southerly winds, which made work on any other stations impossible. A slight moderation and veering of the wind allowed station I to be lifted at first light on 3 September, followed by J at 0720 h, B at 1045 h, A at 1220 h and D at 1730 h, after which the ship went to anchor to await favourable conditions for lifting stations K and L. These materialised at dawn on 4 September, allowing K to be taken at 0657 h, and L, which in addition to an Anderra meter and a Plessey meter had the Marconi Time Correlated Ocean Current Metering System on it, at 0800 h. After gear had been dismantled, CLIONE left for Lowestoft at 0930 h, 4 September.

RESULTS

1. All the current meter stations deployed on CLIONE 11 were recovered, with very little damage. However, the rotors of the meters on stations F, H, E, B, A and D were jammed with weed.
2. One 25 hour station, consisting of continuous current velocity recording at depths of 2m and 7m plus hourly observations of surface to bottom temperature and salinity was worked near to station E.

G C Baxter  
10.9.74

SEEN IN DRAFT: JRF; GJL

INITIALED: AJL

DISTRIBUTION:

Basic List

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