

CEFAS FISHERIES LABORATORY, LOWESTOFT, SUFFOLK, ENGLAND

2002/2003 RESEARCH VESSEL PROGRAMME

REPORT: RV CORYSTES: CRUISE 1/03

STAFF

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DURATION

9/01/03 – 11/01/03

LOCALITY

“West Gabbard”, “Warp”, Hastings and “Haddock Bank”

AIMS

1. To recover and re-deploy SmartBuoy moorings at the West Gabbard and The Warp and collect calibration samples (AE004).
2. To recover and re-deploy Waverider at the West Gabbard.
3. Deploy Waverider buoy at Hastings (50°44.69'N 00°45.16'E) (C1740)

NARRATIVE (all times are Greenwich Mean Time)

RV Corystes sailed from Lowestoft at 15:00 an hour late due to engine problems. As arrival at the Gabbard would be at full tide and in the dark, the programme was altered so that Corystes would arrive at each station as near as possible to slack tide. Corystes therefore proceeded to the Warp. On arrival a surface water sample was taken and the Guard buoy and Smartbuoy recovered. A replacement Smartbuoy was then deployed along with a new Guard buoy. A further water sample was taken.

Corystes then proceeded to Hastings deploying a Waverider buoy at 07:00 on the 10th before steaming north for the Gabbard. A heavy swell meant that time saved earlier was lost in transient north.

On arrival at the Gabbard at 18:00 only two lights were observed which proved to be the TryAxis buoy and the Smartbuoy. Visibility was very low and therefore Corystes did not proceed through the array of buoys to recover the buoys within the array. The SmartBuoy (on the North Eastern end) was recovered and replaced with another Smartbuoy and DWM (Directional Wave Module). A Guard was also deployed on the South eastern corner.

During the Cruise reports of a lost buoy were received and the Corystes was tasked to recover the buoy from the near the Haddock Bank SW of the laid position (on the “Hurdy Gurdy”). Corystes then diverted to the area and recovered the Sonar buoy at 05:00 on the 11th before docking at Lowestoft on the 15:00 tide.

RESULTS

- 1) Smartbuoys were deployed and recovered at the Warp and Gabbard along with water samples before and after each service.
- 2) The Waverider and Nortek ADCP were not recovered as they were not lit and the instruments would be at risk if the Corystes entered the array during dark. These will now be recovered at the end of January on Corystes 2/03.
- 3) The Hastings Waverider was successfully deployed

- 4) A Sonar buoy was recovered intact near the Haddock Bank. It appears that the “Hammerlock” on the anchor bundle either parted or has been tampered with.

Jon Rees

(Scientist-in-Charge)

11/01/03

INITIALLED

DISTRIBUTION

Basic List +

A N Other (i.e. scientists on the cruise)

Julian Metcalfe

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