

CEFAS FISHERIES LABORATORY, LOWESTOFT, SUFFOLK, ENGLAND

2004/2005 RESEARCH VESSEL REPORT

REPORT: RV CORYSTES: CRUISE 15/04

STAFF

D Sivyer (SIC), D Pearce, N Greenwood, S Cutchey
O Andres, J Foden, Garvan O'Donnell (Marine Institute, Ireland)

DURATION

13/10/04 – 14/10/04*

** mistake by originator, corrected from 15th by gaev*

LOCALITY

"West Gabbard", Warp and Hastings

AIMS

1. To recover and re-deploy SmartBuoy moorings at the West Gabbard and Warp and collect calibration samples (AE004). - achieved
2. To recover the Waverider, repair the light and re-deploy (C1828). – not achieved
3. To deploy and recover DWM SmartBuoy at Hastings (C1740). – partly achieved.
4. To collect additional CTD profiles and water samples between the Warp and West Gabbard sites (AE1148). - partially achieved.

PLAN (all times are Greenwich Mean Time)

Sailed from Lowestoft on the morning tide Wednesday 13th October (approx 08:00) and proceed to the West Gabbard. Deploy the SmartBuoy. CTD water samples were collected for 6 hours after deployment. Three attempts were made to recover the Waverider but it was not possible. Leave West Gabbard at 18:45 and proceed to the Warp overnight collecting water samples every hour. It was not possible to collect CTD profiles during the transect between the Warp and West Gabbard due to the weather.

Thursday 14th October* - 05:30 A water sample was collected with the CTD Rosette. The two SmartBuoys and a guard buoy were recovered. 08:30 - Re deploy one SmartBuoy (with the Aanderaa Optode) and the guard buoy. The CTD rosette was deployed hourly for water samples until departure (approx 13:30). The weather forecast was reviewed as we left for Lowestoft and it was decided to go for the Hastings DWM buoy. We safely retrieved the buoy at 21:00 but were not able to re-deploy.

The ship returned to Lowestoft for the morning tide docking at 09:00.

Dave Sivyer
(Scientist-in-Charge)

18/10/04

INITIALLED

DISTRIBUTION

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

