

CEFAS FISHERIES LABORATORY, LOWESTOFT, SUFFOLK, ENGLAND

2002/2003 RESEARCH VESSEL PROGRAMME

**REPORT**  
~~PROGRAMME~~: RV CORYSTES: CRUISE 1x/03

STAFF

D Pearce (SIC)

J Read

A Reeve

DURATION

16/01/03 (approximately 12 hours)

LOCALITY

West Gabbard

AIMS

1. To deploy a Waverider buoy at West Gabbard
2. If weather conditions permit to recover the Nortek ADCP mooring
3. To recover West Gabbard SmartBuoy and investigate telemetry failure after 2200 on 14/01/03 (added on 15/01/03 after original plan issued)

REPORT (all times are Greenwich Mean Time)

Corystes sailed at 0740 and steamed to the West Gabbard, arriving at 1040. The ADCP frame was recovered successfully.

The SmartBuoy was found to be upside down and, during recovery, it was noticed that the main strop under the buoy had become detached from the mooring at the boss hook. This meant that the mooring load was transferred to the recovery strop over the side of the buoy and the side lift recovery process was therefore hindered. During the lift damage was sustained to the OBS sensor on the ESM2 data logger and a cable on the WMS water sample was scuffed. The ESM2 and WMS were removed from the buoy and a new ORBCOMM telemetry unit was fitted for the DWM as a precaution (The other telemetry units had been submerged for 36 hours and while they were probably ok, could not be fully tested at sea.) While work on the SmartBuoy was being carried out, a search was made for any sign of the old Waverider mooring.

The SmartBuoy was re-deployed using a top lift followed by the Waverider shortly afterwards. Docked at 1900 with all aims completed successfully.

I would like to thank everyone on board Corystes for a job well done at short notice.

Dave Pearce  
(Scientist-in-Charge)  
16/01/03