

CEFAS FISHERIES LABORATORY, LOWESTOFT, SUFFOLK, ENGLAND

2002/2003 RESEARCH VESSEL PROGRAMME

REPORT

~~PROGRAMME~~: RV CORYSTES: CRUISE 3x/03

STAFF

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D Pearce  
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DURATION

13/3/03 – 15/3/03

LOCALITY

“West Gabbard” and Warp Anchorage

AIMS

1. To recover and re-deploy SmartBuoy moorings at The Warp and collect calibration samples (A1228).
2. Recover one and re deploy two SmartBuoy at West Gabbard (52 00.0N 02 05.2E) and collect calibration samples (A1228).

PLAN (all times are Greenwich Mean Time)

13/3/03

Sailed at 05:00 and proceed to the West Gabbard. The 1st SmartBuoy (main) was deployed (51 58.94N 02 05.41E) at 09:05 and a water sample collected soon after at 09:30. The old SmartBuoy was successfully recovered at 10:00 and instruments were transferred to the 2nd SmartBuoy (DWM). Further water samples were collected at 11:30 and 12:30. The 2nd SmartBuoy was deployed (51 58.985N 02 04.774E) at 12:50, after which the guard buoy was recovered. Water samples were collected on the hour from 14:00 until 19:00. Proceed to Warp overnight.

14/3/03

Deploy a guard buoy at 09:00, collect water sample at 09:30, recover the SmartBuoy – transfer the MML to new SmartBuoy. Recover the old guard buoy. Deploy the new SmartBuoy at 10:45 (51 31.530N 01 02.016E). Anchor and collect water samples on the hour from 11:00 to 19:00. Up anchor and return to the West Gabbard SmartBuoy.

15/3/03

00:10 retrieve West Gabbard SmartBuoy (main), replace Orbcomm system and re-deploy (51 59.047N 02 05.229E). Return to Lowestoft to dock at 07:30.

NB SmartBuoys now have Echomax radar reflectors fitted. The SmartBuoy at the Warp was clearly detectable up to 3 miles away, but not beyond 4 milés distant.

Dave Sivyer  
(Scientist-in-Charge)

15/3/03