

CEFAS FISHERIES LABORATORY, LOWESTOFT, SUFFOLK, ENGLAND

2003/2004 RESEARCH VESSEL PROGRAMME

REPORT: RV CORYSTES: CRUISE 7/03

STAFF

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D Pearce
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DURATION

19/06/03 – 20/06/03

LOCALITY

“West Gabbard” and Warp

AIMS

1. To recover and re-deploy SmartBuoy moorings at the West Gabbard and Warp and collect calibration samples (AE004). – achieved
2. To collect benthos for Fish Fayre displays

PLAN (all times are Greenwich Mean Time)

Sail from Lowestoft at 00:30. Proceed to The Warp SmartBuoy overnight. Collect one water sample at 07:30 and recover the SmartBuoy and guard buoy. The guard buoy (51 31.738N 01 02.289E toroid 8) was re-deployed at 09:00. Re-deploy SmartBuoy (51 31.578N 01 02.398E toroid 17) at 09:25. Collect water samples hourly from 11:00 to 15:00. Several hauls with a 2m beam trawl were made to provide benthos for the displays at the Lowestoft Fish Fayre (21st June).

Proceed overnight to the West Gabbard and collect one water sample at 03:20 and then recover the main SmartBuoy. Recover the DWM SmartBuoy and the rubber cord mooring, but the corlene rope parted and the anchor weight was left behind (see damage report). Service instruments and re-deploy the main SmartBuoy (51 59.267N 02 05.247E toroid 33) at 05:30. Water samples were collected via a Niskin on a wire with an SD202 logging until 08:00 (profiles were collected every two hours). The Triaxsys wave module, extra weight and side harness were all removed from the DWM SmartBuoy (51 59.001N 02 05.127E toroid 32) and it was re-deployed at 06:55. The guard buoy (51 59.98N 02 04.84E) was not recovered.

Continuous logging of salinity, temperature and chl a (Aquatraka) throughout the cruise. Calibration samples were taken for chl a and salinity.

Docked in Lowestoft at 14:00.

Dave Sivyer
(Scientist-in-Charge)

20/6/03

INITIALLED