

CEFAS FISHERIES LABORATORY, LOWESTOFT, SUFFOLK, ENGLAND

2003/2004 RESEARCH VESSEL PROGRAMME

REPORT: RV CORYSTES: CRUISE 12/03

STAFF

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DURATION

28/08/03 – 29/08/03 (part a)
3/09/03 – 4/09/03 (part b)

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). – fully achieved

PLAN (all times are Greenwich Mean Time)

Part a - Sail from Lowestoft at 21:30. Proceed to The Warp SmartBuoy overnight. Collect one water sample at 05:10 and recover the SmartBuoy and guard buoy. Re-deploy SmartBuoy (51 31.668N 01 02.345E - toroid 13) at 06:45. The guard buoy (51 31.740N 01 02.310E - toroid 33) was re-deployed at 07:10. Collect water sample at 08:00. Proceed to the West Gabbard and collect one water sample at 14:00. Deploy the main SmartBuoy (51 58.995N 02 05.300E toroid 7) at 06:00. Water samples were collected via a Niskin on a wire. The guard buoy, SmartBuoy and DWM SmartBuoy were not recovered due to the prevailing conditions. 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 23:00.

Part b – sailed Lowestoft 12:00. Proceed to the West Gabbard. Recover the DWM SmartBuoy, SmartBuoy and guard buoy. Re-deploy a new guard buoy (51 58.938N 02 04.794E – toroid 8) at 17:25 and the serviced DWM SmartBuoy (51 59.115N 02 04.996E – toroid 32) at 17:55. Water column profiles were recorded and calibration samples were taken for chl a and salinity at 16:00 and 18:00. Docked in Lowestoft 01:00

Dave Sivyer
(Scientist-in-Charge)
4/9/03