

CEFAS FISHERIES LABORATORY, LOWESTOFT, SUFFOLK, ENGLAND
2003/2004 RESEARCH VESSEL PROGRAMME

REPORT: RV CORYSTES: CRUISE 14/03

STAFF

D Sivyer (SIC)

D Pearce

N Greenwood

S Cutchey

DURATION

06/11/03 – 07/11/03

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).
2. Deploy trial ABS sensor on minilander (DP173)

PLAN (all times are Greenwich Mean Time)

Sail from Lowestoft at 08:00. Proceed to the West Gabbard and collect one water sample at 12:00. Recover the DWM buoy at 12:38. Deploy the main SmartBuoy (51 59.115N 02 04.496E toroid 17) at 13:26. Recover the SmartBuoy at 13:44, recover the guard buoy at 14:07. Deploy the guard buoy at 14:36 (51 59.002N 02 04.814E toroid 13). Deploy the DWM buoy at 15:27 (51 58.975N 02 05.263E toroid 32). Water samples were collected via a Niskin on a wire hourly from 15:00 until 20:00.

Proceed to The Warp SmartBuoy overnight. Collect one water sample at 07:00 and recover the SmartBuoy. Re-deploy SmartBuoy (51 31.656N 01 02.372E - toroid 27) at 07:57. The guard buoy was recovered and then re-deployed (51 31.759N 01 02.174E - toroid 34). Collect water sample at 08:00, 09:00 and 10:00. The minilander was deployed at 09:41 with 3 surface buffs at (51 31.709N 01 01.996E) – between the two surface buoys.

Continuous logging of salinity, temperature and chl a (Aquatraka) throughout the cruise. Calibration samples were taken for chl a and salinity. A new nitrate bio-sensor was also tested for stability during the cruise

Docked in Lowestoft at 18:30.

Dave Sivyer
(Scientist-in-Charge)

07/11/03

INITIALLED

