

CEFAS FISHERIES LABORATORY, LOWESTOFT, SUFFOLK, ENGLAND

2002/2003 RESEARCH VESSEL PROGRAMME

REPORT: RV CORYSTES: CRUISE 4x/03

STAFF

D Sivyer (SIC)
D Pearce
N Greenwood
S Cutchey
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DURATION

09/04/03 – 10/04/03

LOCALITY

Gt Yarmouth, “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 an ADCP frame and guard buoy at Gt Yarmouth wave radar site.
3. Collect whole seawater for UEA.

PLAN (all times are Greenwich Mean Time)

Sail from Lowestoft at 00:00 to deploy a guard buoy (52 37.029N 01 45.166E toroid 28) off Gt Yarmouth at 01:30. The ADCP frame could not be deployed as the acoustic release was not available. Proceed to the West Gabbard and collect one water sample at 07:00 and then recover the main SmartBuoy. The carboys provided by UEA were filled from the continuous flow system at 09:30 within 1 mile of the SmartBuoys. Recover the DWM SmartBuoy. Service instruments and re-deploy the main SmartBuoy (51 58.983N 02 05.217E toroid 33) at 09:45. Water samples were collected via a Niskin on a wire with an SD202 logging until 19:00 (profiles were collected every two hours). The DWM SmartBuoy (51 58.881N 02 04.635E toroid 32) was deployed at 12:30.

Proceed to The Warp SmartBuoy overnight. Collect one water sample at 05:00 and recover the SmartBuoy and guard buoy. Re deploy SmartBuoy (51 31.537N 01 02.000E toroid 4) at 07:10 and collect water samples at 08:00, 08:30 and 09:00. 08:20 Deploy new guard buoy.(51 31.628N 01 01.914E).

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 17:00

Dave Sivyer
(Scientist-in-Charge)

10/4/03

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DISTRIBUTION

Basic List +

A N Other (i.e. scientists on the cruise)

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