

CEFAS FISHERIES LABORATORY, LOWESTOFT, SUFFOLK, ENGLAND

2004/2005 RESEARCH VESSEL PROGRAMME

PROGRAMME: RV ENDEAVOUR: CRUISE 2/05

STAFF

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DURATION

09/02/05 – 24/02/05

LOCALITY

North Sea, Thames region, English Channel, SW Approaches, Bristol Channel, Irish Sea.

AIMS

1. To collect water samples at NMMP stations from the Tyne to Morecambe Bay (AE004)
2. Collect water samples in a transect from SW Approaches to the Irish Sea (AE004)
3. SmartBuoy servicing at West Gabbard and Warp (AE004)
4. Wavenet deployments (C1828)
5. Collect light and CDOM profiles at selected sites around UK coast (E2202)

PLAN (all times are Greenwich Mean Time)

Sail on the midday tide of Wednesday 9th February and head for the North Sea NMMP sites. Leave North Sea and head down the English Channel to SW Approaches collecting surface water samples and CTD casts at NMP stations. Collect water samples in a transect from the SW Approaches up through the Celtic Deep to the Irish Sea, including NMP sites. Transfer DARDNI staff to NI via searider then return to the east coast. Service the SmartBuoys and return to Lowestoft on the 24th February.

Samples will be collected from the clean salt supply hourly in the major estuaries and every two or 4 hours elsewhere. The data to be used to calibrate the continuous logging CT and Chl α sensors and to provide additional spatial nutrient information.

Lundy, Gabbard and Hastings Wavenet sites are due to be serviced. Other Wavenet deployments can occur at no notice.

Dave Sivyer
(Scientist-in-Charge)

13/12/04

INITIALLED

Western Approaches Station Positions - decimal

<i>Station</i>	<i>Longitude</i>	<i>Latitude</i>
A1	-5.00000	49.53333
A2	-6.00000	49.00000
A3	-6.50000	48.66667
A4	-7.50000	48.33333
A5	-8.00000	48.00000
A6	-8.50000	48.00000
B1	-9.00000	48.00000
B2	-8.50000	48.40000
B3	-8.13333	49.06667
B4	-7.60000	49.76667
B5	-7.10000	50.36667
B6	-6.70000	50.86667
B7	-6.33333	51.33333
B8	-6.05000	51.66667
B9	-5.75000	52.00000
B10	-5.38333	52.45000
B11	-5.28333	52.93333
B12	-5.23333	53.40000
B38 A	-5.63333	53.78333
B14	-5.38333	53.91667
B15	-5.06667	54.23333
B16	-5.20000	54.58333
C1	-4.18333	51.38333
C2	-5.03333	51.35000
C3	-5.75000	51.33333
C4 (B7)	-6.33333	51.33333
C5	-6.91667	51.18333
C6	-7.80000	51.08333
D1	-8.43333	50.96667
D2	-8.95000	50.36667
D3	-9.38333	49.76667
D4	-9.96667	49.06667
D5	-10.41667	48.50000
E1	-9.91667	48.35000
E2	-9.30000	48.83333
E3 (B3)	-8.13333	49.06667
F1	-10.01667	50.71667
F2	-10.26667	50.36667
F3	-10.76667	49.76667
F4	-11.06667	49.40000
F5	-11.43333	48.90000

FIGURE 1 Suggested cruise track

