

DEFRA
 CEFAS LABORATORY, LOWESTOFT, SUFFOLK, ENGLAND, UK.
 2012 RESEARCH VESSEL REPORT
 RV CEFAS ENDEAVOUR : CRUISE 20/12

STAFF:

Name	Role	Cabin	Part A	Part B
Dave Sivyer	SIC	SIC	Y	Y
Neil Needham		C3	Y	Y
Sophy McCully		C7	N	Y
Chris Read		C5	Y	Y
Tom Hull		C4	Y	Y
Nigel Lyman		C1	N	Y
Paul Nelson		C8	N	Y
James Parker		C6	Y	Y
Bill Meadows		B2	Y	Y
Buster Rook-Bishop		D2	Y	N
Simon Pearson?		C2	N	Y

DURATION: Part A 01 to 02 Dec 2012
 Part B 03 to 05 Dec 2012

MOBILISE: Lowestoft

DEMOBILISE: LOWESTOFT

OPERATION AREAS: Southern North Sea,

AIMS:

1. Service SmartBuoys at Warp and West Gabbard (SLA28D – 1 day)
2. Deploy EAOW landers, waveriders and guard buoys at 5 sites (inc Multibeam) (C5726A 1.5 day)
3. Trial deployments of BRUVS camera trap (at SmartBuoy sites as a minimum)

CRUISE PLAN - All times in GMT

Part A – After some well organised gear transfer operations the Endeavour sailed on time at 12:30 on 01/12/2012. Proceeding directly south to the Warp SmartBuoy arriving at 20:15. The CTD rosette was deployed but the bottles would not fire so samples were collected from the FerryBox supply. The SmartBuoy was recovered at 21:00 and re-deployed at 21:40. Water samples were collected via a 10lt Niskin bottle on the hydro wire with the ESM2 profiler below. The Endeavour steamed overnight to DWR “C” arriving at 05:30 on 2/12/12.

The waverider was deployed at 06:40 and guard buoys deployed at 07:15 and 07:40. The Endeavour returned to Lowestoft to dock at 12:00.

Part B. - The Endeavour sailed at 12:00 on Monday 3rd Dec and steam to West Gabbard to service the SmartBuoy and do a trial deployment of the BRUVS unit. This achieved successfully by 20:15 and the ship steamed overnight to multibeam at AWAC 3.1 and AWAC 4.1 by 07:30 on 4/12/12. It was too rough to deploy a minilander at AWAC4.1 but the guard buoys were deployed. The waveriders and guard buoys at DWR E and F were also successfully deployed. At site AWAC 3.1 the weather sea had abated sufficiently to allow safe deployment of the minilander. Both water and sediment grab samples were obtained before the two guard buoys were put in place. The ship turned back north and was able to deploy the minilander at AWAC 4.1. the water and grab samples were collected before leaving for Lowestoft at 18:50

Docked in Lowestoft at midnight on 4th Dec.

Dave Sivyer 04/12/12