

DEFRA
 CEFAS LABORATORY, LOWESTOFT, SUFFOLK, ENGLAND, UK.
 2012 RESEARCH VESSEL PROGRAMME
 RV CEFAS ENDEAVOUR : CRUISE 3/14

STAFF:

Name	Role	Cabin	Shift
Dave Sivyer	SIC	SIC	Not specified
Paul Nelson	Chemistry	C6	Not specified
Dave Pearce	Mooring and coring	C2	Not specified
Neil Needham	Mooring and coring	C3	Not specified
Chris Read	Mooring and coring	C5	Not specified
Briony Silburn	Watch leader	C7	08:00-12:00 and 20:00-24:00
Saisiri Chaichana (UEA)		C8	08:00-12:00 and 20:00-24:00
Elisa Capuzzo (depart 4 th)	Watch leader	B2	04:00-08:00 and 16:00-20:00
Claire Powell	Deputy watch leader	C1	04:00-08:00 and 16:00-20:00
Matt Bone (UEA)		D6	04:00-08:00 and 16:00-20:00
Tom Hull	Watch leader	D5	00:00-04:00 and 12:00-16:00
Calum Preece (Liverpool)		D4	00:00-04:00 and 12:00-16:00
Anita Carey (Portsmouth)		D2	00:00-04:00 and 12:00-16:00
Gary Fones (Portsmouth)		B1	
Charlie Thompson (Soton)		C4	

DURATION: 30 Jan to 04 Feb 2014

MOBILISE: Lowestoft

DEMOBILISE: SWANSEA

OPERATION AREAS: North Sea, English Channel, Celtic Deep, Bristol Channel

AIMS:

1. Service SmartBuoys at Dowsing, Warp and West Gabbard (SLA28D – 3 day)
2. Service SmartBuoy at Celtic Deep (SLA42 – 1 day)
3. Deploy SSB (CandyFloss) SmartBuoy (C6058B - 1 day)
4. Deploy 3 landers in Celtic Seas (C6057C – 1 day)
5. Service waverider at Scarweather and Firth of Forth (C6029A – 1.5 days)
6. Service waverider at Hinkley (C – 0.5 day)
7. Nutrient mapping (SLA25L – 1 day)
8. Benthic flume and resuspension trials (C6057B – 1 day)

9. SPI survey in Celtic Seas (C6057B)

CRUISE REPORT - All times in GMT

Sail 07:00 30/01/2014.

The Endeavour sailed at 07:00 on 30th January and proceeded to service the SmartBuoy at Dowsing. During the deployment the stern thruster failed but the deployment was completed successfully. Afterwards the ship sailed north collecting water samples en-route. The Tyne sites were missed out in an effort to reach the Firth of Forth waverider before the weather deteriorated. The ship arrived at the Forth site at approx 09:30 but unfortunately it was not possible to manoeuvre the ship without the stern thrusters so the waverider was not serviced. After discussion with the shore it was decided to dock in the Tyne to allow engineers to fix the thrusters problem. We docked at 21:30 on the 31st Jan. The engineers were on-board by 08:00 on the 1st Feb and the problem identified and the pilot booked for 16:15. We could not sail as planned as the port was shut but finally got away at 22:00.

Cefas Endeavour arrived at the West Gabbard SmartBuoy site and deployed the new SmartBuoy at 17:00 on 2nd Feb. Water samples were collected afterwards via CTD rosette before proceeding to the South Knock waverider. The waverider was recovered and replaced with a new one before a new guard buoy was deployed. Endeavour went down the Thames to the Warp. At first light on the 3rd Feb the Warp SmartBuoy was recovered and serviced. Water samples were collected via the CTD rosette. With clear skies above the ship made her way into the English Channel stopping at the South Varne for a CTD water sample. In the evening Selsey Bill NMMP site was also visited. The weather forecast for the remainder of the cruise was appalling and after discussion with the master the cruise was aborted. Endeavour docked in Portland at approx 10:00 on 4th Feb.

Dave Sivyer 4/2/14