

DEFRA
CEFAS LABORATORY, LOWESTOFT, SUFFOLK, ENGLAND, UK.
2017 RESEARCH VESSEL PROGRAMME
RV CEFAS ENDEAVOUR : **CRUISE 20/17**

STAFF:

Name	Role	Cabin	Shift
Dave Pearce	SIC	C2	Not specified
Neil Needham		C3	Not specified
Sophie Hare		C4	Not specified
Eric Fitton		C1	Not specified
Axayacatl Molina-Ramirez		C5	Not specified
Pip Simpson (NOC)	PhD Student	C6	
Steve Lankester (Met Office)	Guest	C7	

DURATION: 06 to 10 November 2017

MOBILISE: Lowestoft Cefas Quay

DEMOBILISE: Lowestoft Cefas Quay

OPERATION AREAS: Southern North Sea

AIMS:

1. Service SmartBuoys at Dowsing, Warp and West Gabbard (SLA25G) – 2 days
2. Service Hastings Waverider (C6029A) – 1 day

CRUISE REPORT - All times in UTC

The RV Cefas Endeavour sailed at 22:30 on night of Monday 6 November 2017 and proceeded directly to the Warp SmartBuoy, which was serviced on Tuesday morning. The noise lander was also recovered, a new hydrophone and batteries fitted and the lander re-deployed on site. Once operations were completed at the Warp, the Cefas Endeavour steamed to the Hastings Waverider site. On passage it became apparent that the Hastings Waverider appeared to have been set adrift by one of the seven Belgium beam trawlers working in that area. The Waverider was successfully recovered by Cefas Endeavour a few miles to the East of the site. The Waverider was then re-deployed on site between the two guard buoys.

Cefas Endeavour then sailed overnight to West Gabbard 2 SmartBuoy, which was serviced on Wednesday morning. Twenty-four passive sampler sheets were fitted to the replacement SmartBuoy just prior to deployment. In addition to the usual calibration CTDs, a vertical haul zooplankton net sample was collected and preserved.

On route to the Dowsing SmartBuoy, Cefas Endeavour passed by the EA ZE Met Mast to determine water depths around the mast. The Dowsing SmartBuoy was serviced and calibration samples collected on the morning of the 9 November. The recovered mid-tether frame at 15m depth was not re-deployed.

Cefas Endeavour then returned to Lowestoft where the pilot boarded at 23:45 and she tied up alongside at about 00:30 on 10 November.

Dave Pearce
10/11/17