

DEFRA  
CEFAS LABORATORY, LOWESTOFT, SUFFOLK, ENGLAND, UK.  
2013 RESEARCH VESSEL PROGRAMME  
RV *CEFAS ENDEAVOUR* : **CRUISE 24/13**

**STAFF:**

<b>Name</b>	<b>Role</b>	<b>Cabin</b>	<b>Shift</b>
Dave Sivyer	SIC	SIC	Not specified
Neil Needham		C3	
Dave Pearce		C2	
Paul Nelson		C1	
James Cook		D3	
Manuel Nicolaus?		C5	
Tom Hull		C6	
Chris Read		C4	
Bill Meadows		B2	

**DURATION:** 3 to 5 December 2013

**MOBILISE:** Lowestoft Cefas quay

**DEMOBILISE:** **LOWESTOFT CEFAS QUAY**

**OPERATION AREAS:** Southern North Sea

**AIMS:**

1. Service SmartBuoys at Warp and West Gabbard (SLA28H – 1 day)
2. Recover EAOW landers, guard buoys and waveriders at DWR E, AWAC 3.1 and AWAC 4.1 (C5726A - 2 day)
3. Service waverider at DWR "C"

**CRUISE PLAN - All times in GMT**

Sail 08:30 Tuesday 3<sup>rd</sup> October.

The Endeavour will proceed directly to West Gabbard and service the SmartBuoy. The Warp SmartBuoy will also be serviced in the evening before steaming overnight to DWR "C". The waverider at DWR "C" will be serviced Wednesday morning before moving to AWAC 3.1. At AWAC 3.1 a CTD cast and day grab samples will be taken before recovering all the gear. Endeavour will move to DWR "E" to pick up the waverider and guard buoys. The ship will return to AWAC 3.1 to multibeam the site. Endeavour will move overnight to AWAC 4.1 before collecting more water and sediment samples before recovering all the equipment. A multibeam survey will be conducted afterwards before returning to Lowestoft to dock on the late tide Thursday 5<sup>th</sup> December.

If the weather is poor the route may be revised.

Dave Sivyer 21/10/13