

**DEFRA**  
**CEFAS LABORATORY, LOWESTOFT, SUFFOLK, ENGLAND, UK.**  
**2017 RESEARCH VESSEL PROGRAMME**  
**RV CEFAS ENDEAVOUR : CRUISE CEND 03/17**

**STAFF:**

<b>Name</b>	<b>Role</b>	<b>Cabin</b>	<b>Shift</b>
Dave Sivyer	SIC	SIC	Not specified
Neil Needham	Moorings	C3	Not specified
Tom Hull		C4	15:00 - 24:00
Eric Fitton		C1	06:00 - 15:00
Dave Pearce	Moorings	C2	Not specified
Pip Simpson (NOCS)		C7	06:00 - 15:00
Malgorzata Wilczynska		C6	15:00 - 24:00
Tegan Hartley (NRW)		C5	06:00 - 15:00
Laura Rutland		B1	06:00 - 15:00
Sophie Hare		D5	15:00 - 24:00
Alfie Howat		D4	15:00 - 24:00
James Waggitt	Observer	D2	
Alexandra Dodds	Observer	D3	

**DURATION:** 22<sup>nd</sup> Feb to 4th March 2017

**MOBILISE:** Lowestoft Cefas quay

**DEMOBILISE:** Swansea

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

**AIMS:**

1. Service SmartBuoys at Liverpool Bay, Dowsing, Warp and West Gabbard (SLA25G – 2 day).
2. Zooplankton nets at West Gabbard.
3. Service waverider buoys at Dowsing, South Knock, Hastings, Poole, Scillies, Scarweather, Hinkley, Liverpool Bay, Pembs possibly (C6029A – 2 days).
4. Nutrient mapping (SLA25G – 6 days).
5. Recover passive samplers from Dowsing SB.
6. Deploy trial nitrate analyser on Warp SB.
7. Bird and mammal observations throughout.

**CRUISE PLAN - All times in GMT**

Sail 18:00 22<sup>nd</sup> Feb 2017. Proceed to the Wash collecting surface samples en-route. Dowsing to service the SmartBuoy and waverider and collect collecting water samples. Continue nutrient mapping with occasional CTD around the North Sea until servicing the West Gabbard SmartBuoy and zooplankton nets on the morning of the 25<sup>th</sup>. Later that day the South Knock waverider and Warp SmartBuoy will also be serviced. The Hastings and Poole waverider to be serviced the next day, then head down the channel out to Western Approaches site for more water samples. The Scillies and west Pembs waverider will be serviced and deployed en-route to Liverpool Bay to service both waverider and SmartBuoy.

The last tasks will be the waveriders at Hinkley and Scarweather before docking 4<sup>th</sup> March, de-mob 5<sup>th</sup>.

If the weather is poor the route may be revised

Dave Sivyer  
27/01/17