

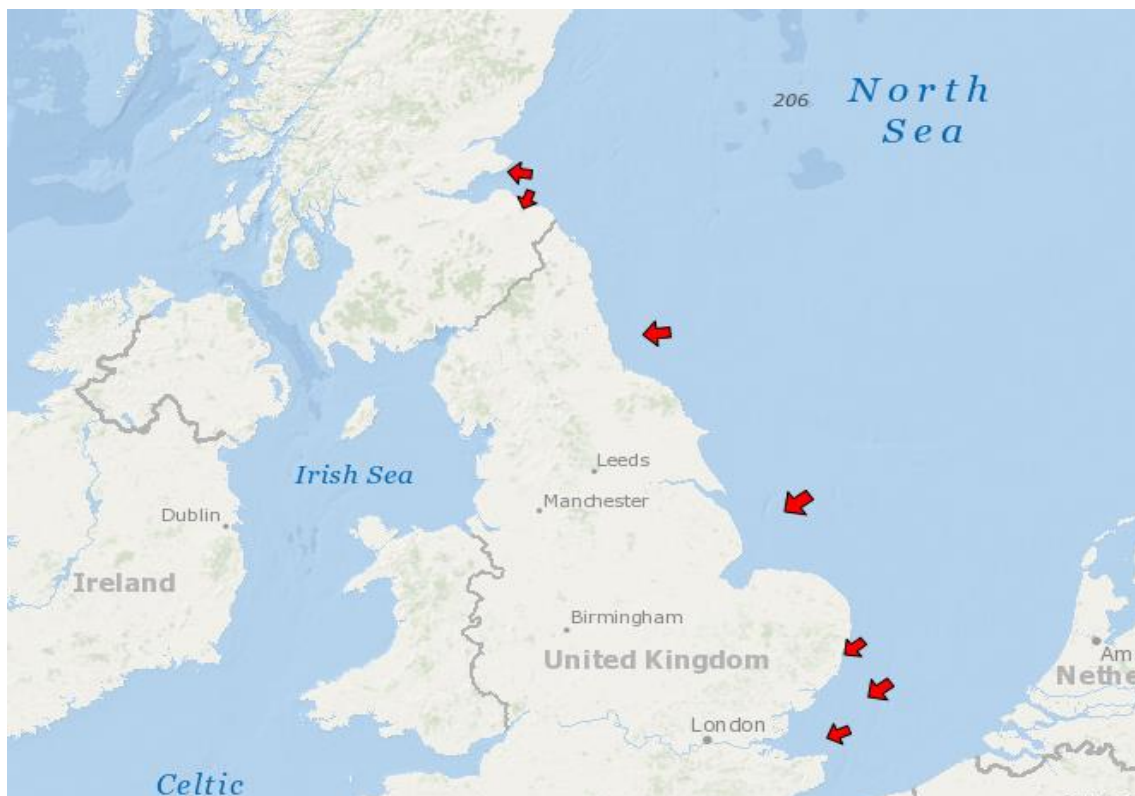
**RESEARCH VESSEL PROGRAMME**

**RV CEFAS ENDEAVOUR**  
 Survey: C END 03 - 2018

**STAFF:**

Name	Role	Cabin	Shift
Elisa Capuzzo	SIC	B1	Day
Dave Pearce	2IC / Mooring	C2	Day
Neil Needham	Mooring	C3	Day
Eric Fitton	Mooring/Chem	C6	Day
Sophie Hare	Mooring	C5	Day
Tobias Boehme	Ferrybox	C8	Day
Tom Hull	Mooring	C1	Day
Pip Simpson		C7	Day
Carolyn Graves		B2	Day

**DURATION:** 1<sup>st</sup> to 7<sup>th</sup> February 2018  
**MOBILISE:** LOWESTOFT  
**DEMOBILISE:** LOWESTOFT  
**OPERATION AREAS:** North Sea



Positions North to South: Firth of Forth, Torness, Tyne/Tees, Dowsing, Southwold, West Gabbard, and South Knock

**AIMS:**

1. Service SmartBuoys at Dowsing, Warp and West Gabbard (SLA25G – 2 day)
2. Service Waverider at Firth of Forth, Tyne/Tees, and South Knock (C6029A – 2 days)
3. Service Waverider and guard buoy at Torness (C6029A – 0.5 day)
4. Service noise landers at Dowsing and Warp (Cxxxx – xx day)
5. Service South Knock and Southwold guard buoys (C6029A – 1 day)
6. Nutrient mapping (SLA25G – 0.5 day)
7. Collection of zooplankton samples at West Gabbard

**PLAN:**

RV Cefas Endeavour will sail at about 21:00 on Wednesday 31<sup>st</sup> January 2018 and steam northward to service the SmartBuoy and the 'noise lander' (?) at Dowsing (Thursday 1<sup>st</sup> February). While collecting discrete water samples from the FerryBox flow through, the Endeavour will keep moving northward for servicing the Waveriders at Tyne/Tees and at the Firth of Forth (Friday 2<sup>nd</sup> February).

On the following day (Saturday 3<sup>rd</sup> February), during daylight, the Torness Waverider and guard buoy will be serviced. The nuclear power station at Torness will listen in to the toolbox talk on the bridge before recovering the Waverider and guard buoy.

The RV will then steam in south via Lowestoft, collecting water samples as required.

Dave Pearce, Tobias Boehme and Tom Hull will be taken ashore off Lowestoft on Sunday 4<sup>th</sup> February (small boat/pilot boat transfer?). The Endeavour will then carry on steaming south, to service the SmartBuoy at the Warp and a Waverider and guard buoy at South Knock, followed by the service of the West Gabbard2 SmartBuoy and the Southwold guard buoy – exact order of operations to be determined in consultation with the Master. A vertical net sample for zooplankton analysis will also be collected at West Gabbard 2.

The Endeavour will return to port in Lowestoft on the 14:00 tide, 7<sup>th</sup> February 2018.

If the weather is poor the route may be revised.

**GEAR:**

See Gear List

Elisa Capuzzo  
Scientist in Charge  
2/1/2018

INITIALLED:

DISTRIBUTION:

BODC