

DEFRA  
CEFAS LABORATORY, LOWESTOFT, SUFFOLK, ENGLAND, UK.

2011 RESEARCH VESSEL REPORT  
RV *CEFAS ENDEAVOUR* : **CRUISE 1/11**

**STAFF:**

<b>Name</b>	<b>Role</b>	<b>Cabin</b>	<b>Shift</b>
Dave Sivyer	SIC	SIC	Not specified
Neil Needham		C2	
Nigel Lyman		C5	
Marc Whybrow		C3	
Steve Milward		C7	

**DURATION:** 04 January to 06 January 2011

**MOBILISE:** Lowestoft

**DEMOBILISE:** **LOWESTOFT**

**OPERATION AREAS:** North Sea,

**FOREIGN WATERS:** None

**SEA FISHERIES AREAS:** None

**MILITARY AREAS:** None

**PORTCALLS:** None

**SMALL BOAT**

**TRANSFERS:**

**SHIFTS:**

## **AIMS:**

1. Deploy a Waverider and guard buoy at DWR A, DWR B and DWR C (C5228).
2. Deploy minilander at AWAC 1 and AWAC 2 (C5228)
3. Day grabs and CTD at AWAC 1 and AWAC 2 (C5228)

## **CRUISE Narrative**

Sail 21:30 4th Jan transit to AWAC1 for multibeam survey (completed 03:30 5th Jan) then on to AWAC 2 for a further multibeam survey (completed 06:00). A minilander and guard buoy were deployed before breakfast then day grab x 3, CTD rosette x 4 (hourly finishing at midday). The ship then moved to site AWAC1 deployed a minilander and guard buoy and collected samples with day grab (x3) and a CTD rosette. We then steamed the short distance to DWR C deployed a waverider and a guard buoy. Went back to AWAC1 to complete the CTD rosette samples (by 19:00). The final two sites (DWR B – deploy waverider and guard buoy, then DWR A - deploy waverider and guard buoy) were visited overnight on the way back to Lowestoft.

Dock 09:30 6th Jan

### **Positions**

AWAC 1 (Seabed Lander) **52° 18.64' N 002° 27.58' E** Guard Buoy **52° 18.70' N 002° 27.80' E**  
AWAC2 (Seabed Lander) **52° 08.57' N 002° 30.29' E** Guard Buoy **52° 08.49' N 002° 30.23' E**

WAVERIDER A **52° 44.318' N 002° 23.68' E** Guard Buoy **52° 44.32' N 002° 23.68' E**  
WAVERIDER B **52° 45.790' N 002° 58.04' E** Guard Buoy **52° 45.79' N 002° 57.90' E**  
WAVERIDER C **52° 18.320' N 002° 28.30' E** Guard Buoy **52° 18.27' N 002° 28.30' E**

Dave Sivyer 6/1/2011