

**CENTRE FOR ENVIRONMENT, FISHERIES AND AQUACULTURE  
SCIENCE  
LOWESTOFT LABORATORY, LOWESTOFT, SUFFOLK NR33 OHT  
2008 RESEARCH VESSEL PROGRAMME**

**PROGRAMME: RV CEFAS ENDEAVOUR: SURVEY 8/09**

**STAFF:**

T Maxwell (SIC)  
J Ellis (2IC)  
R Bush  
F Goodsir  
V Nye  
A Griffith  
M Eade  
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**DURATION:** 6 May – 15 May

**LOCATION:** South-western Approaches

**AIM**

The objectives of the cruise are (1) to describe the size and species structure of epifaunal communities in the Celtic Sea to provide production and diversity estimates and (2) to sample chlorophyll in the sediments and water column to assess the relationship between surface and sediment chlorophyll concentrations. Both activities will support the validation of models of benthic production and diversity in the Celtic Sea (Defra MF1001).

RV CEFAS ENDEAVOUR will sail from Lowestoft on 6 May and steam south to south-west to begin collection of sediment chlorophyll 'a' and sediment granulometry samples (using a NIOZ corer) and associated biological data (2m beam trawl) from a wider grid covering ICES areas VIIe, f, g & h. RV CEFAS ENDEAVOUR will return to port at Lowestoft on 15<sup>th</sup> May.

**GEAR:**

List distributed separately and marked to relevant individuals for action.

T Maxwell  
15 April 2009

INITIALLED SJ

DISTRIBUTION:

Basic list  
Staff on Cruise  
Fishing Skipper: Endeavour  
Newlyn, SH H (MFA)  
Plymouth, SH H (MFA)  
MilfordHaven, SH (MFA)  
Devon SFC  
Cornwall SFC  
Isles of Scilly SFC  
Republic of Ireland

Fig 1. Chlorophyll 'a' and 2m-beam trawl stations (star= priority sampling station for epifauna).

