

**DEPARTMENT FOR ENVIRONMENT, FOOD AND RURAL AFFAIRS.**

2006 RESEARCH VESSEL PROGRAMME

PROGRAMME: *RV CEFAS ENDEAVOUR*: CRUISE 6/06

STAFF:

D Limpenny (SIC)  
W Meadows  
K Vanstaen  
N Lyman  
J Rees  
A Morando (British Geological Survey)

DURATION:

24<sup>th</sup> Feb – 6<sup>th</sup> March

LOCALITY:

English Channel

AIMS:

1. To conduct acoustic survey work in the Eastern English Channel in support of MEPF 04/01 (C2617).

PLAN:

Endeavour will sail from Lowestoft on 24<sup>th</sup> Feb and perform a calibration of the Simrad EM3000 multibeam system at an appropriate site during the transit to the Eastern English Channel.

A seabed tide gauge will be deployed at the Channel Smart Buoy site prior to commencement of acoustic survey work. Acoustic survey lines will be run on a 24hr basis using multibeam bathymetry and sidescan sonar systems. Periodically, sound velocity profile measurements will be conducted from the starboard 'A' frame using a small CTD unit suspended from the hydro wire. This work will continue until 6<sup>th</sup> of March when Endeavour will return to Lowestoft via a further calibration site off Thanet.

**D.S. Limpenny**  
30.1.2006

INITIALLED:

DISTRIBUTION:

Basic list +  
All scientific cruise personnel +  
M Waldock  
S Malcolm  
L Murray  
D Morris  
S Boyd  
R Coggan  
K Cooper  
R Smith  
S Birchenough  
P Eastwood  
C Houghton  
D Palmer  
J Ellis  
K Francis  
A Kenny  
L Fernand  
D Pearce  
D Sivyer  
R Jolliffe  
H Rees  
C Vivian