

**CENTRE FOR ENVIRONMENT, FISHERIES AND AQUACULTURE
SCIENCE
LOWESTOFT LABORATORY, LOWESTOFT, SUFFOLK NR33 OHT
2006 RESEARCH VESSEL PROGRAMME**

PROGRAMME: RV CEFAS ENDEAVOUR: CRUISE 10A

STAFF:

J Ellis (SIC)	K Warr
M Schratzberger (2IC)	G Burt
S Bolam	W Meadows
T Dinmore	

DURATION: 20 April – 25 April

LOCATION: Southern North Sea

AIM: To carry out a benthic and trawl survey of gravel biotopes and sand bank habitats in the southern North Sea, in support of project AE1148, to:

- a. Examine the distribution, size composition, abundance and diversity of fish, epibenthos, infauna and meiofauna on specific biotopes;
- b. Evaluate catch variability and the degree of replicate sampling required to determine accurately indices that may be applied to benthic communities;
- c. Collect sedimentary and biological samples for further studies supporting the development of ecological objectives for benthic communities

RV CEFAS ENDEAVOUR will sail from Lowestoft on 20 April and steam southwards to sample two gravel sites east of Felixtowe. Each site will be sampled with 2m-steel beam trawl (5 samples), 4m-beam trawl (3 samples) and 0.1m² Hamon Grab (5 samples). The box coordinates of these sites are 52°01.530N, 01°54.828; 52°01.470, 01°54.726 (box 1) and 52°02.256, 01°55.278, 52°02.184, 01°55.158 (box 2). RV CEFAS ENDEAVOUR will then steam northwards in order to undertake sampling of sand bank habitats of the North Norfolk coast (e.g. Broken Bank and Hewett Ridges). A staff change will be made by sea rider at Lowestoft on either 24 or 25 April. CEFAS ENDEAVOUR will steam northwards to commence work on cruise 10B.

GEAR:

List distributed separately and marked to relevant individuals for action.

J Ellis
8 March 2006

INITIALLED SIR

DISTRIBUTION:

Basic list

Staff on Cruise