

**DEPARTMENT FOR ENVIRONMENT, FOOD AND RURAL AFFAIRS  
CEFAS, LOWESTOFT LABORATORY, SUFFOLK, ENGLAND**

2005 RESEARCH VESSEL PROGRAMME

PROGRAMME: RV CEFAS ENDEAVOUR: CRUISE 07/05

STAFF: D. Righton (SIC), S. Mackinson (2IC), C. Stewart, J. Blanchard, G. Daskalov, K. Sullivan, S. Hetherington, C. Mills, J. Pinnegar, K. Lees (Reserve).

DURATION: 6<sup>th</sup> May – 18<sup>th</sup> May 2005

LOCALITY: North Sea

AIMS:

1. To use acoustic & fishing survey methods to estimate the abundance and distribution of sandeels on sandeel fishing grounds on the North West Riff (Dogger Bank) & The Hills.
2. To use fishing survey methods to estimate the abundance and distribution of predatory fish feeding on sandeels on the sandeel fishing grounds on the North West Riff & The Hills.
3. To search for fish tagged during cruise END 03/05
4. To use fishing survey methods (Bongo net) to estimate the abundance and distribution of plankton on the sandeel fishing grounds on the North West Riff & The Hills.

PLAN: (all times are British Summer Time)

ENDEAVOUR will sail on the morning tide on Thursday 5<sup>th</sup> May 2005 and proceed to The Hills (~54° 25' N, 1° 00' E) where surveying for sandeels and their predators will commence. Surveying will take place over established grids on the Hills and the North West Riff. ENDEAVOUR will return to Lowestoft for the evening tide on Wednesday 18<sup>th</sup> May.

D A Righton

5<sup>th</sup> April 2005

Distribution list:

Basic list + D. Righton (SIC), S. Mackinson (2IC), C. Stewart, J. Blanchard, G. Daskalov, K. Sullivan, S. Hetherington, C. Mills, J. Pinnegar, K. Lees (Reserve), Eastern Region and Northeastern Region Sea Fisheries District, Sea Fisheries Inspectorate.