

CENTRE FOR ENVIRONMENT, FISHERIES AND AQUACULTURE SCIENCE,  
LOWESTOFT LABORATORY, LOWESTOFT, SUFFOLK, NR33 OHT, UK

2004 RESEARCH VESSEL PROGRAMME

PROGRAMME: RV ENDEAVOUR: CRUISE 4/04

STAFF: Simon Jennings (SIC)  
Tracy Dinmore (2IC)  
Nick Dulvy  
Chris Firmin  
Craig Mills  
Adam Nicholls (SIGS)  
Michaela Schratzberger  
Karema Warr  
Carolyn Barnes (University of Newcastle)  
Chris Leakey (University of Newcastle)

DURATION: 7 April- 17 April 2004

LOCALITY: North Sea (IVb and IVc)

AIMS:

The work will (1) describe the impacts of trawling disturbance on the structure and productivity of benthic communities (2) examine the effects of fishing on the trophic structure of fish communities and (3) describe spatial variation in carbon, sulphur and nitrogen isotopes at the base of estuarine and marine food chains.

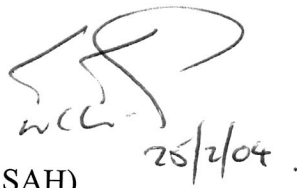
1. To sample infaunal and epifaunal invertebrates at a series of sites subject to different levels of trawling disturbance for production studies.
2. To sample infaunal and epifaunal invertebrates and fish at a series of sites subject to different levels of trawling disturbance for food web studies.
3. To collect benthic invertebrate species for stable isotope analysis

PLAN:

RV CORYSTES will sail from Lowestoft on 7 April 2004. She will work in ICES areas IVb and IVc (UK waters only) throughout the cruise and will dock at Lowestoft on the 17 April 2004.

Simon Jennings  
Scientist in Charge  
25 February 2004

INITIALLED:

Handwritten initials 'WCC' and a date '25/2/04'.

(E.C.E. Potter, FB SAH)

DISTRIBUTION:

Basic List +

Simon Jennings

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Carolyn Barnes

Chris Leakey

SIGS

Fishing skipper: Endeavour

Eastern SFC

North Eastern SFC