

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

## 2003 RESEARCH VESSEL PROGRAMME

PROGRAMME: RV ENDEAVOUR: CRUISE 7/03

STAFF:        Simon Jennings (SIC)  
                 Dave Carlin  
                 Tracy Dinmore  
                 Nick Dulvy (2IC joint)  
                 Chris Firmin  
                 Craig Mills  
                 Michaela Schratzberger (2IC joint)  
                 Karema Warr  
                 Jan Hiddink (University of Wales)  
                 1x SIGS

DURATION: 11 September – 24 September

LOCALITY: North Sea (IVa, 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) identify new sites in the central and northern North Sea for assessing the effects of fishing on the environment.

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 survey sites in the central and northern North Sea with side scan sonar in an attempt to locate new areas for the study of fishing impacts.
4. To collect fish and benthic invertebrate species for stable isotope analysis

### PLAN:

RV CORYSTES will sail from Lowestoft on 11 September 2003. She will work in ICES areas IVa, IVb and IVc (UK waters only) throughout the cruise and will dock at Lowestoft on 24 September 2003

Simon Jennings  
Scientist in Charge  
11 July 2003

INITIALLED:

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

DISTRIBUTION:

Basic List +

Dave Carlin

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Karema Warr

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SIGS

Fishing skipper: Endeavour

Eastern SFC

North Eastern SFC