

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

2003 RESEARCH VESSEL PROGRAMME

PROGRAMME: RV CEFAS ENDEAVOUR: CRUISE 1/03

STAFF:	Part One	Part two
	1 R A Ayers (SIC)	R A Ayers (SIC)
	2 J Read (2IC)	T Boon

Non-CEFAS staff requesting space  
EDS staff 1 (Triton training, not fishing if poss)  
EDS staff 2 (Triton training, not fishing if poss)  
Seatronics staff (Scanmar, fishing trial only)  
Simrad Staff (ITI, fishing trial only)

DURATION: 22 April – 27 April

LOCALITY : North Sea

AIMS:

1. To trial scientific equipment that will be used during the first research cruises onboard CEFAS Endeavour.  
The trials are to :
  - a) Ensure that deployed equipment can be safely deployed and recovered.
  - b) Once deployed that the equipment functions correctly.
  - c) Non-deployed equipment (Echo sounders, IT systems, Data logging etc.) is functioning correctly and to familiarise staff with its use.
  - d) To familiarise officers, crew and scientists with the vessel, her equipment and capabilities.
  - e) To provide training opportunities for personnel involved in the use of new equipment and capabilities.

Specific equipment requested for trials (will be used on cruises up-to Feb 04)

2m Beam trawl, Jennings spec, from ¼ post. (6/03 , 7/03)

GOV trawl with ITI trawl monitoring system (6/03)

GOV trawl with Scanmar trawl monitoring system

(comparative work before switch to ITI)

GOV trawl with ITI door monitoring and Scanmar wing-end monitoring.

(comparative work before switch to ITI)

TTN, deployment/recovery using docking latch and Aft A frame (3/03)

Camera sledge deployment/recovery using docking latch and Aft A frame (4a/03, 9/03)

Moored bouy rigs (8/03, 1/04, 2/04)

Day grab (4a/03)

Reineck corer (trial in place of Hammond for 4a/03 and 4b/03)

Multibeam sounder (4a/03)

ADCP

QTC (4a/03)

SideScan (4a/03)

Scallop dredges (4b/03)

R A Ayers  
2<sup>nd</sup> April 2003