

**CENTRE FOR ENVIRONMENT, FISHERIES AND AQUACULTURE
SCIENCE
LOWESTOFT LABORATORY, LOWESTOFT, SUFFOLK NR33 0HT**

2008 RESEARCH VESSEL PROGRAMME

PROGRAMME: RV CEFAS ENDEAVOUR: SURVEY 1X

STAFF:

B Harley (SIC)
S Kupschus
G Course
M Parker-Humphreys
R Humphreys
S McCully
D Brown
R Ayers

Arnold Locker (Fishing Industry representative)
Graham Hall (Fishing Industry representative)

DURATION: 6 January – 15 January

LOCATION: North Sea

AIMS:

1. To estimate escape rates using additional bags that close the gab below and behind the fishing line on the standard GOV survey gear (Cefas Endeavour) and to compare the standard catch rates with commercial vessels fishing along side using commercial gear on soft bottom habitats (tows in parallel) and hard ground habitats (in the vicinity). Samples for age will be collected for cod, plaice and haddock and for other species as time allows.
2. To determine the behaviour of fish in response to the standard GOV gear and to investigate means of escape a low light level camera will be installed on the net to make video recordings for later evaluation.

Additional aim:

If time allows additional tows using the Poly Rockhopper GOV may be carried out.

PLAN:

RV Cefas Endeavour will sail from Aberdeen on the 6 January. The vessel will meet up with the industry fishing vessel off the North East coast of England and proceed to carry out the experiment. The Cefas Endeavour will return to Lowestoft on 15 January.

GEAR:

List distributed separately and marked to relevant individuals for action.

B Harley
6 December 2007

DISTRIBUTION:

Basic list +
B Harley
S Kupschus
G Course
M Parker-Humphreys
R Humphreys
S McCully
D Brown
R Ayers