P17/8

Not to be cited without prior reference to the FRS Marine Laboratory, Aberdeen

MFV Seagull

Cruise 0308H

PROGRAMME

16-26 April 2008

Ports

Loading: Kinlochbervie, 16 April
Unloading: Kinlochbervie, 26 April

***In setting the cruise programme and specific objectives, etc the Scientist-in-Charge needs to be aware of the restrictions on working hours and the need to build in adequate rest days and rest breaks as set out in FRS' Working Time Policy (which is published on the Intranet). In addition, the Scientist-in-Charge must formally review the risk assessments for the cruise with staff on-board before work is commenced.**

In the interest of efficient data management it is now mandatory to return the Cruise Report, to John Morrison and the Cruise Summary Report (old ROSCOP form) to Dougal Lichtman, within four weeks of a cruise ending. In the case of the Cruise Summary Report a nil return is required, if appropriate.

Personnel

F Burns (In Charge)
J Drewery
K Summerbell

Fishing Gear: Anglerfish Trawl BT 195

Objectives

1. To undertake a nationally co-ordinated demersal trawling survey of anglerfish on the continental shelf and slope to the west of Scotland.

2. To obtain temperature and salinity profiles at each trawling station.

Procedures

This is a new trawl survey which follows a set of protocols drawn up by an industry science survey planning group made up of FRS scientists and fishing representatives. These protocols share much in common with the sampling regimes described in FRS' standing instructions for demersal trawl surveys.

The cruise track and sampling locations will be delivered to the skipper prior to departure. An approximate map of the sampling area giving the locations of all of the co-ordinated surveys is appended as Figure 1.

Trawling

One haul of 60 minutes duration will be made at each sampling station; trawling operations will occur in waters up to a maximum of 1000 m. Daily start times will be at approximately 0800 and continue until approximately 2000. All trawling should be complete by approximately 2300 each night. The Scanmar system will be used to monitor wing spread, door spread and distance covered during each haul. A bottom contact sensor will be mounted on the footrope.

Catches will be worked up according to the protocols for the FRS anglerfish surveys which are similar in principle to FRS standing instructions.

Hydrography

A DST will be deployed on the trawl at each station to monitor salinity and temperature.

Normal contacts will be maintained with the Laboratory.

J A Morrison
15 April 2008

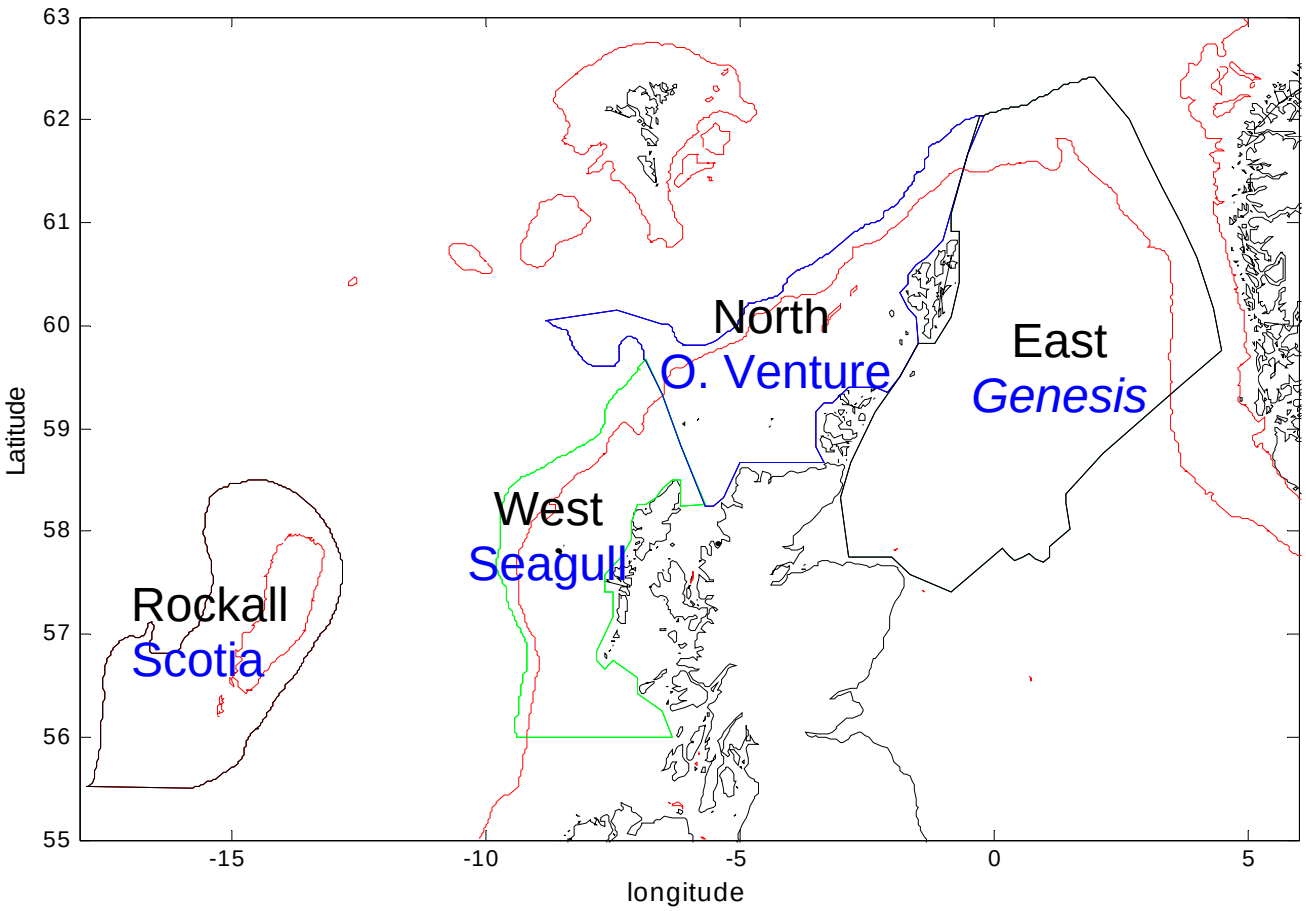

Figure 1: Map of the Northern Shelf of the North East Atlantic with the areas to be surveyed by the four vessels (in italics) in the forthcoming anglerfish survey. (The red lines indicate the approximate position of the 200 m depth contour).