

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

FRV Scotia

Cruise 1008S

PROGRAMME

4-29 August 2008

Ports

Loading : Aberdeen, 1 August 2008
Half landing : Stavanger / Esbjerg, 15 August 2008 (provisional)
Unloading : Aberdeen, 29 August 2008

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 (Lab Notice 34/03)

Personnel

K A Coull (In charge)
C G Davis
I Penny
K Summerbell
L Ritchie
E Guiry (Part I)
H Drewery (Part II)

Fishing Gear

GOV Trawl (BT 137) with ground gear A & B

Objective

1. To undertake internationally co-ordinated demersal trawling of the North Sea.
2. Obtain temperature and salinity profiles at each trawling station.
3. Obtain (20*25 litres) low nutrient seawater from statistical rectangle 45F1.

Trawling

One haul of 30 minutes duration will be made in each statistical rectangle shown on the attached chart. Daily start times should take into account the request from WGIBTS to vary the shooting time for the first haul of the day. The Scanmar system will be used to monitor headline height, wingspread, door spread and distance covered during each haul. A bottom contact

sensor (BCS) will be attached to the ground-gear and the data collected will be downloaded after each haul.

Fish will be worked up according to standing instructions with additional biological data collected for species as determined in EU Data Regulation 1639/2001 and 1581/2004.

The Environmental Impact Group at FRS will provide a list of species (and indication of quantities) that should be frozen (whole) and taken back to the Laboratory for chemical analysis by the Food Standards Agency.

A total of 300 individuals of approximately 20 cm in length for whiting, common dab, dragonet and Norway pout (or Blue whiting) should be frozen (in bags of 10) and taken back for SMRU, University of St Andrews.

Hydrography

Surface and bottom temperatures, salinities, nitrates, silicates and phosphates will be taken at all trawl stations. The ships thermosalinigraph will be run continuously throughout the cruise.

General

Normal contacts will be maintained with the Laboratory. Information gathered by the participating vessels will be exchanged by fax.

J Hepburn
3 July 2008

Quarter 3 Groundfish Survey
4 August – 29 August 2008

