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

FRV Scotia

Cruise 1707S

## **PROGRAMME**

13 November – 4 December 2007

Loading: Aberdeen 12 November  
Departure : Aberdeen 13 November  
Half Landing: Killibegs 23 November (flexible)  
Unloading: Aberdeen 4 December

\*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**

C G Davis	SIC
M Mathewson	
I Penny	
O Goudie	
A Pout	(Part 1)
L Allan	(Part 1)
J Mair	(Part 2)
C Stewart	(Part 2)

**Out-turn days** – 22 days RV0713

## **Fishing Gear**

GOV Trawl (BT137) with belly lines, ground gear C.

## **Objectives**

1. To participate in the ICES co-ordinated western division demersal trawling survey.

2. To obtain temperature and salinity data profiles at each trawling position.
3. To identify and record all invertebrates caught.

## **Procedures**

### **General**

Loading of trawl and fishing gear will take place at the end of the previous cruise. Loading of all other scientific equipment will take place on 12 November with all equipment being set up and tested on that day. Scotia will then sail on the 13 November and commence operations the following morning on the stations to the west of the Orkneys. Weather conditions at the time will determine the exact start area.

### **Trawling**

One trawl haul of thirty minutes duration will be made at each of the positions shown on the attached chart. For each haul, the Scanmar monitoring system and NOAA bottom contact sensor will be used to observe and record the performance and geometry of the trawl and trawl doors.

### **Fish Sampling**

All fish will be treated according to current standard research vessel procedures.

### **Hydrography**

CTD casts will be taken at each trawl station. The thermosalinograph will be run continuously to obtain sea surface temperature and salinity throughout the survey area.

Normal contacts will be maintained with FRS.

J A Morrison  
11 October 2007

