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Not to be cited without prior reference to Marine Scotland, Marine Laboratory, Aberdeen.

FRV *Scotia*

Cruise 1509S

PROGRAMME

6-27 November 2009

Loading: Aberdeen 4 November
Departure: Aberdeen 6 November
Half Landing: Killybegs (flexible)
Unloading: Aberdeen 27 November

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 Marine Scotland's Working Time Policy (Lab Notice 34/03). 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 I Gibb and the Cruise Summary Report (old ROSCOP form) to D 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	
E Armstrong	
R Watret	
I Penny	(Part 1)
L Allan	(Part 1)
K Summerbell	(Part 2)
E Guirey	(Part 2)
'A.N.Other'	(Irish Government Observer)

Out-turn days: 22 days RV0911

Fishing Gear

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

Objectives

1. To participate in the ICES coordinated western division demersal trawling survey.
2. To obtain temperature and salinity data profiles at each trawling position.

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 4 November with all equipment being set up and tested on that day. *Scotia* will then sail on the 6 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 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 and additional biological data will be collected as determined by EU data regulation 1639/2001 and 1581/2004.

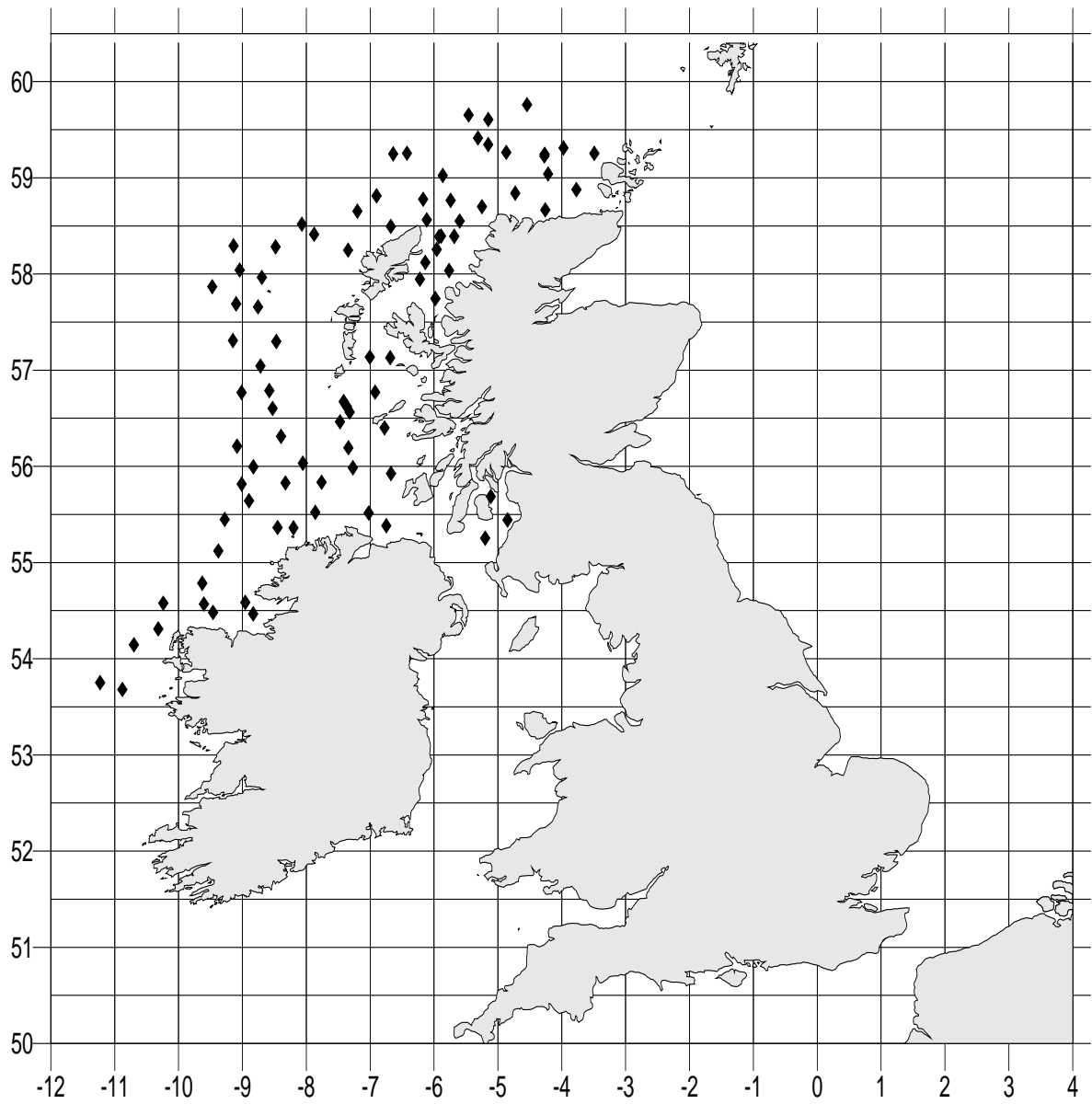
Hydrography

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 the laboratory.

Submitted:
C.G.Davis
5 August 2009

Approved:
I Gibb
7 September 2009.



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PROGRAMME AMENDMENT

S Buckley will now be joining the above cruise.

I Gibb

2 November 2009