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

MFV Genesis BF 505

Cruise 0410H

## **PROGRAMME**

1-10 March 2010

### **Ports**

**Loading:** Ullapool, 1 March

**Unloading:** Ullapool, 10 March

**\*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 MSS' 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 I Gibb and the Cruise Summary Report (old ROSCOP form) to M Geldart, within four weeks of a cruise ending. In the case of the Cruise Summary Report a nil return is required, if appropriate.**

### **Personnel**

I Penny        SIC  
J Mair  
D O'Sullivan  
B Langlands (Visitor, SFF)

**Fishing Gear:** Whitefish 18" Hopper Trawl

### **Objectives**

1. To undertake a nationally co-ordinated trawling survey of the key demersal fish species in the waters to the West of Scotland (ICES Division VIa).
2. To obtain temperature and depth profiles at each trawling station.
3. To record gear parameters at each trawl station for catch analysis.

### **Procedures**

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

The cruise track and sampling locations will be delivered to the skipper prior to departure. A map of the survey area 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 300 m. Daily start times will be at approximately 1600hrs and continue through the night until approximately 1000hrs. The Scanmar system will be used to monitor wing spread, door spread and distance covered during each haul.

Catches will be worked up according to the protocols for Marine Scotland demersal fish surveys.

### **Hydrography**

A DST will be used on the trawl to monitor temperature and depth.

Normal contacts will be maintained with the Laboratory.

Submitted:

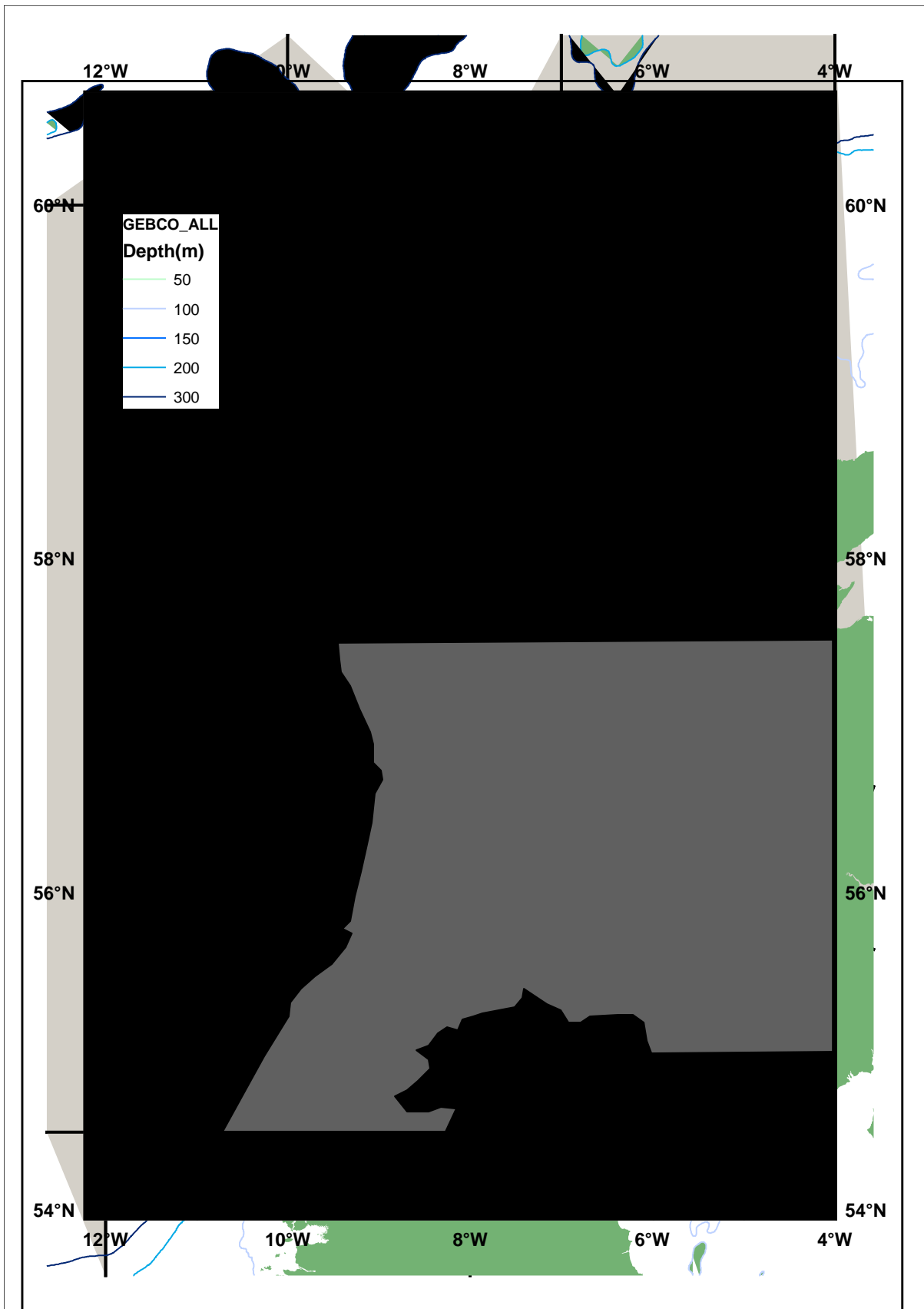
*I Penny*

22 February 2010

Approved:

*I Gibb*

23 February 2010



**Figure 1:** Map of the north west of the British Isles with the area (shaded) to the south west of Scotland (ICES division VIa) anticipated to be surveyed during the west coast gadoid survey in March 2010 using a chartered commercial vessel.