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

FRV *Alba na Mara*

Cruise 0609A

## **PROGRAMME**

10-15 April 2009

**Loading:** Fraserburgh, 6 April 2009

**Unloading:** Ullapool, 15 April 2009

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). 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 Iain Gibb 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 Neat (SIC)  
P Boulcott  
M Burns  
D Bailey (Visitor, University of Glasgow)

**Project Code:** MF02q (6 days)

## **Gear**

Jackson Rockhopper 158 trawl with doors etc.  
Lander frame and underwater video camera kit  
Fish traps  
Fish tagging equipment and plastic fish tank.  
Remote Operated Vehicle (to be confirmed)

## **Objectives**

1. To assess suitability of using baited underwater cameras to estimate fish numbers in inshore areas.
2. To assess suitability of using baited traps to estimate fish numbers in inshore areas.

3. To undertake trawling of adjacent areas for comparison with 1 and 2.
4. To undertake ROV surveys of fish and habitat (to be confirmed).

### **General**

Weather permitting *Alba na Mara* will depart early morning on 10 April from Fraserburgh to arrive in a protected sea loch on the west coast (most likely Loch Ewe) the following day. The next four days will be spent in that area. The suspended baited camera and traps will be deployed at the same depth and area each morning. After deployment, trawling or possible ROV work will be carried out at nearby sites. Toward the end of the day the baited camera and traps will be recovered and the cameras downloaded and trap contents recorded. Fish from the traps will be tagged in order to assess recapture frequency. *Alba na Mara* will arrive at Ullapool for the morning of 15 April for turnaround and preparation of next cruise.

Normal contact will be maintained with the Laboratory.

Submitted  
F Neat  
6 March 2009

Approved  
I Gibb  
19 March 2009