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

FRV *Alba na Mara*

Cruise 0210A

## **PROGRAMME**

1-10 March 2010

**Loading:** Ullapool,

**Unloading:** Fraserburgh

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 (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 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:**

P Boulcott (SIC)  
J Hunter  
D Bova  
C Shand (1-3 March)  
A N Other (Visitor SNH, 3-8 March)

**Project Code:** MF02q (10 days)

## **Gear**

Camera drop Frame  
Underwater TV sledge (provided by University Marine Biological Station)  
Remote Operated Vehicle (Cable, Operating module, ROV)  
400 m umbilical cable with 37 Male pin connectors

## **Objectives**

1. To develop and refine UW camera techniques relating to the survey of the great scallop, *Pecten maximus*.
2. To develop survey methodologies for the ROV.

3. if time allows, to undertake a camera survey of Loch Gairloch

### **General**

The first 2 days of the cruise will be limited to the confines of Loch Broom. During this period *Alba na Mara* will be used to deploy different configurations of the survey equipment. Both J Hunter and C Shand will be involved in the technical aspects of these trials. C Shand will then disembark on the morning of 3 of March, with a representative of SNH boarding at this time. *Alba na Mara* will depart early morning on 3 March and will steam to Loch Gairloch. The next six days will be spent in this area surveying the seabed and refining the survey technique. *Alba na Mara* will then make way for Ullapool on the evening of 8 March, where, upon arrival, the visitor from SNH will disembark. The vessel will make passage for Fraserburgh on the evening of the 8 March, arriving on the morning of 10 March for turnaround and preparation of next cruise.

Normal contact will be maintained with the Laboratory.

Submitted  
*P Boulcott*  
12 February 2010

Approved  
*I Gibb*  
19 February 2010

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**PROGRAMME AMENDMENT**

A N Other (visitor SNH) will now not participate on this survey.

*I Gibb*

26 February 2010.