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FRV Scotia

Cruise 0910S

## **PROGRAMME**

21 July–10 August 2010

Loading: Aberdeen

Change-over: Ullapool

Unloading: Aberdeen

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 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 Hayes

D Moore

M Harrald

C Shand

P Stainer

J Heron

M Robertson

M Rose Part 1

C Hepple Part 1

P Copland Part 1

G Kelly (RESON) Part 1

C Megginson Part 2

E Armstrong Part 2

C Aires Part 2

**Estimated Days per Project:** 21 days 10689

**Fishing gear:** Day grabs; TV drop frame with lasers and armoured cable; Agassiz trawls; Swathe multi-beam echo-sounder system; RoxAnn system.

## **Objectives**

1. To undertake bathymetric and ground-truthing survey work in connection with offshore wet renewables development located to the northwest of Lewis. Contingency survey work is included, undertaking the same survey work inside the Pentland Firth and along the north coast of mainland Scotland.
2. To undertake bathymetric and ground-truthing survey work in connection with the offshore special protected area at Fair Isle.

## **Procedure**

Scotia will depart from Aberdeen Harbour at 08:30 (GMT) on 21 July. The nature of the work will be heavily dependant on the prevailing weather conditions encountered. The proposed survey work for northwest Lewis and Fair Isle is very similar to the work undertaken in the Pentland Firth during 2009. The bathymetric survey work will involve a series of transects collecting swathe and RoxAnn data, the deployment of the TV drop frame and, where practical, the deployment of a day grab. On arrival at the survey sites, two tide gauges will be deployed for the full duration of each survey. Sound velocity profiles will be recorded on a daily basis and deployment of the day grab will be considered after each TV tow.

The sites outside northwest Lewis and Fair Isle will be surveyed in the same manner as above.

Scotia will complete a half landing at Ullapool on 30 July to exchange scientific staff. On completion of the survey work Scotia will return to unload at Aberdeen Harbour on 10 August.

Submitted:

*P Hayes*

16 June 2010

Approved:

*I Gibb*

30 June 2010