

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

FRV *Scotia*

Cruise 1208S (Part 2)

## **PROGRAMME**

9–16 October 2008

**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 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**

Peter Hayes

Eric Armstrong

Derek Moore

Charlie Shand

Paul Stainer

Jane Heron

Gill Graham

Gareth Davies (Scottish Renewable Forum)

**Fishing gear:** Day grabs; TV drop frame and sledge; Agassiz trawls; Swathe multibeam echosounder system; RoxAnn system and hull mounted ADCP.

## **Objectives**

1. To survey sites in connection with offshore wet renewables development within the Pentland Firth. Contingency survey work is included, undertaking the same survey work outside the Pentland Firth. This includes sites around the Northern Isles, west of the Isle of Lewis and indicative offshore wind sites located in the Moray Firth and opposite the Firths of Tay and Forth.

**Estimated Days per Project:** 8 days - AEO2n

## **Procedure**

*Scotia* will depart from Ullapool on Thursday 9 of October. The nature of the work will be heavily dependant on the prevailing weather and tidal conditions encountered. The proposed survey work for the Pentland Firth is very similar to the work undertaken in 2007 except the aerial extent of the survey sites will be smaller. The 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 the day grab. Prior to each of the swathe surveys a sound velocity profile will be recorded. Transects will also be completed collecting current velocity data using the hull mounted ADCP over 13 hour periods.

The sites outside the Pentland Firth will be surveyed in the same manner as above but may also include the deployment of the Agassiz trawl and TV sledge providing sea bed conditions are suitable.

*Scotia* will return to Aberdeen on 16 of October to disembark staff participating in 1208S, Part 2. All equipment from Part 2 of the cruise will remain on board for the following cruise unless damaged.

*I Gibb*  
25 September 2008