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MRV *Scotia*

Survey 0614S

PROGRAMME

12-31 May 2014

Loading: Aberdeen, 8 May 2014

Change-over: Scrabster, 21 May 2014

Unloading: Aberdeen, 31 May 2014

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 MS 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 Survey Report, to Iain Gibb and the Survey Summary Report (old ROSCOP form) to Matt Geldart, within four weeks of a survey ending. In the case of the Survey Summary Report a nil return is required, if appropriate.

Personnel

P Hayes	(SIC Part 1)	12-21 May
P Copland	(SIC Part 2)	12-31 May
E Armstrong		12-31 May
M Stewart		12-31 May
C Shand		12-31 May
P Stainer		12-31 May
R Duncan		12-21 May
A Kafas		12-21 May
R Watret		21-31 May
J Heron		21-31 May
RESON Rep		(1/2 day, 12 May)

Fishing gear: Day grabs; TV drop frame with lasers and armoured cable; Agassiz trawls; Swathe multibeam echosounder system; RoxAnn system.

Objectives

1. To undertake bathymetric and groundtruthing survey work in connection with potential floating offshore wind and wave renewable energy developments located on the east and north coast of Scotland.

Estimated Days per Project: 20 days; RE01t0 - 20083

Procedure

MRV Scotia will depart from Aberdeen at 09:00 (BST) on 12 May. Before making passage to the north and east coast, *Scotia* will calibrate the multibeam system off Stonehaven. Once this is completed a small boat transfer will be necessary to return the RESON representative back to Stonehaven Harbour and collect P Copland. The nature of the work will be heavily dependant on the prevailing weather conditions encountered. The proposed survey work for north and east coast of Scotland is very similar to the work undertaken in the Pentland Firth (2009), west of Lewis and Fair Isle (2010) and north coast of Scotland (2011). 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 sound velocity profiles will be recorded on a daily basis and deployment of the day grab will be considered after each TV tow.

MRV Scotia will complete a half landing at Scrabster on 21 May and exchange scientific staff. On completion of the survey work the vessel will return to unload at Aberdeen Harbour on 31 May.

Normal contacts will be maintained with the laboratory.

Submitted:
P Hayes
7 May 2014

Approved:
I Gibb
8 May 2014

North Coast survey area for 0614S

