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

MRV *Scotia*

Survey 0816S

PROGRAMME

22 - 25 June 2016

Ports

Loading: Aberdeen, 20 June 2016
Departure: Aberdeen, 22 June 2016
Return: Scrabster, 25 June 2016

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

Personnel

E. Armstrong	(SIC)
R. Watret	
H. Wade	
B. Scott	Visitor Abdn Uni.
B. Williamson	Visitor Abdn Uni.
S. Fraser	Visitor Abdn Uni.
J. Martin	Visitor Abdn Uni
L. Williamson	Visitor Abdn Uni.
M. Chimienti	Visitor Abdn Uni.
P. Lepper	Visitor Lboro Uni.
B. Wilson	Visitor SAMS

Project: MASTS – 4 days, SO09B1 (20361)

Objectives

1. To deploy an AVU/drone from Scotia to monitor turbulence in the Pentland Firth over the Meygen site, at the south end of Stroma.

2. To record distribution of seabirds/mammals.

3. To record multi-frequency acoustic data using the on board EK60.

4. To record data using the on board ADCP.

5. To deploy, track and recover self-recording, listening devices (Sea Ear).

Procedure

Personnel will join the vessel, on 21 June. The vessel will depart on the morning of 22 June, and make way to the Pentland Firth.

The AVU will be deployed along a fixed transect between Stroma and the mainland, against the prevailing tide. Scotia will follow the drone as near as practical. At the end of the transect the drone will be recovered and Scotia will proceed round the north of Stroma to repeat the transect. Data will be recorded on the EK60/ADCP to monitor changes in water movements/turbulence. If weather conditions allow, the work boat aboard Scotia will be used to deploy, track and recover drifting acoustic recording devices.

The “bird boxes” will be installed on the foredeck and staff will record bird/mammal sightings.
The survey will end on the afternoon of the 25 June in Scrabster, when personnel for the Herring Acoustic Survey will join the vessel. Scientific staff and will return to Aberdeen by lab vehicle.

Normal contacts will be maintained with the laboratory.

Submitted:
E. Armstrong
9 June 2016

Approved:
I. Gibb
15 June 2016