

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

MRV *Alba na Mara*

Survey 0217A

PROGRAMME

23 January – 05 February 2017

Ports

Loading: 23 January, Fraserburgh

Unloading: 05 February, Fraserburgh

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

P Gibson SIC
J Turriff
S Kinnear

Fishing Gear: Scallop dredges

Project: 14 days, SU02NS

Objectives

1. To carry out a survey of scallop stocks around Shetland..
2. To assess shell damage on all scallops caught.
3. To collect information on by-catch of other commercial fish and shellfish species.
4. To identify and quantify numbers of starfish species in all dredge tows.
5. To collect flesh samples for toxin analysis and genetic analysis back at the laboratory.
6. To collect Scallop meat weight biological data

Procedure

The survey will depart from Fraserburgh on 23 January and after ship drills, head for the first stations at Shetland.

Scallop dredge hauls will be made at sites used on previous surveys and other known commercial grounds as shown Figure 1. Hauls will be of 30 minutes duration. From each haul all of the scallops will be measured to the half centimeter below and aged. Numbers and size distribution of commercial fish and shellfish species will be recorded along with scallop shell damage and starfish numbers and species. From selected sites, scallop meat weights information will be taken. In addition to this tissue samples will be collected from selected sites and frozen for toxin and genetic analysis back at the laboratory.

The survey will end in Fraserburgh on 5 February where all equipment and staff will then return to the laboratory.

Normal contacts will be maintained with the laboratory.

Submitted:
P Gibson
10 January 2017

Approved:
I Gibb
17 January 2017

Figure 1

