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MRV *Alba na Mara*

Survey 0519A

PROGRAMME

11 April – 30 April 2019

Ports

Loading: 11 April 2019, Fraserburgh

Half landing: 20 April 2019, Oban

Unloading: 30 April 2019, Oban

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.

Fishing Gear: Scallop dredges

Project: 20 days, SU02NS

Objectives

1. To carry out a survey of scallop stocks on the West Coast.
2. To age, measure and 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 frozen whole scallops for heavy metal testing as part of the OSPAR assessment of hazardous substances in the marine environment.
6. To record and retain marine litter obtained during the dredging process (for MSFD).
7. Participate in scientist exchange WGScallop.
8. To deploy JOMOPANS mooring at location 58 34.488 N / 002 07.177 W.

Procedure

The survey will depart from Fraserburgh on 11 April and after vessel drills will sail to deploy the JOMOPANS mooring at location 58 34.488 N / 002 07.177 W then continue passage to the west coast where the survey will begin.

Scallop dredge hauls will be made at sites used on previous surveys as shown in 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. In addition, numbers and size distribution of commercial fish and shellfish species will be recorded along with scallop shell damage and starfish numbers and species. Scallops (ten individuals per station) will also be collected from selected sites and frozen for heavy metal analysis back at the laboratory. Any litter collected in the dredges will be recorded as set out in the SOP and placed in bags to be disposed of on return to port.

The survey will end in Oban on 30 April 2019 where all equipment and staff will then return to the laboratory.

Normal contacts will be maintained with the laboratory.

Submitted:
S Kinnear
01 April 2019

Approved:
I Gibb
10 April 2019



Figure 1: Survey station locations for scallop dredge survey 0519A.