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MRV *Alba na Mara*

Survey 0719A

PROGRAMME

13-15 May 2019

Loading: Oban, 11 May 2019

Boarding: Oban, 12 May 2019

Unloading: Kyle of Lochalsh, 15 May 2019

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.

Project: C80280/20484, 3 days.

Sampling Gear & Equipment

3 x marine mammal monitoring moorings to be deployed

- 80 kg clump weight
- Vemco VR2AR acoustic release
- Loggerhead DSG-ST sound recorder
- Chelonia C-POD

Overview

Survey 0719A aims to deploy three marine mammal and underwater noise monitoring moorings at sites in Scottish waters, within the INTERREG VA "cross-border" region. Data are required to underpin the management of marine protected areas and protected species (marine mammals), to meet Marine Scotland's commitments under the MarPAMM project.

Objectives

1. To deploy three marine mammal monitoring moorings with acoustic releases. Indicative areas for these moorings are: N of Islay/SW of Colonsay (55° 56' N, 006° 25' W), SW of Tiree (56° 26' N, 007° 06' W), and E of Mingulay (56° 48' N, 007° 36' W) – these locations will be refined in due course. All moorings will be deployed in max. 120 m water.

Embarkation

Scientists will join the vessel on 12 May in Oban and spend the night aboard, so that the ship can leave early on 13 May. Weather permitting and after all vessel drills have been undertaken, *Alba na Mara* will head SW to the first mooring site N of Islay. After deployment, the vessel will steam NW to the second mooring site SW of Tiree. On 14 May, the vessel will

steam NW to the east side of Mingulay to deploy the third mooring. The work will then be complete. The precise order in which the vessel will undertake the survey work will be decided by the SIC in conjunction with the skipper. The vessel will anchor overnight at a safe anchorage to be advised by the skipper.

Daily operations will occur between 07:00 and 19:00 hours (all times BST). Scientific operations will cease on 14 May to allow sufficient time for the vessel to travel to Kyle of Lochalsh. Unloading will occur in Kyle on 15 May.

Normal contact will be maintained with the Laboratory.

Submitted:
E Edwards
30 April 2019

Approved:
I Gibb
08 May 2019

Table 1: Locations and mooring names.

Location name	Latitude	Longitude	Depth
Colonsay	55° 56' N	006° 25' W	TBC
Skerryvore	56° 26' N	007° 06' W	TBC
Mingulay	56° 48' N	007° 36' W	TBC

Figure 1: Mooring laid out on deck of Scotia.



Figure 2: Mooring schematic diagram.

