

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

MRV *Alba na Mara*

Survey 1119A

## **PROGRAMME**

9-22 July

### **Ports**

**Loading:** Fraserburgh – 04 July 2019

**Unloading:** Fraserburgh, 22 July 2019

**Personnel Exchange:** Leith, 15 July 2019 (TBC)

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 (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.

### **Sampling Gear**

TV drop frame, TV winch and cable, 2 x day grabs and RoxAnn.

### **Project Codes**

10244 -14 days

### **Objectives**

1. To undertake grab, underwater television (UTV) and RoxAnn surveys of sea disposal sites and assess the condition of the seabed, identify the predominant benthic epifauna species, and the distribution of man-made debris. Some of the disposal sites are added as contingency.

2. The disposal sites identified for survey are:

Aberdeen, Stonehaven, Lunan Bay, Arbroath, Dundee, Eyemouth, Dunbar, Port Seton, Narrow Deep, Port Edgar, Bo'ness, Oxcars, Blaerock, Kirkcaldy, Methil, Anstruther, Pittenweem.

In addition, a potential site at Montrose Bay may be surveyed between.

It is not anticipated that all sites will be surveyed. However, the list allows for contingencies based on weather conditions.

3. Sediment samples for Objectives 1 will be analysed for chemical and physical parameters.

## Procedure

Scientific staff and equipment will be transported to Fraserburgh for loading the vessel and set-up selected survey equipment. The *Alba na Mara* will depart Fraserburgh as soon as possible on 9 July, and proceed to the most proximal sea disposal site to start the work programme outlined in Objective 1. Each sea disposal site will be surveyed in turn, subject to weather forecast, moving through the sites listed in Objective 2. The scientific crew change, will occur on 15 July at a port TBC. The *Alba na Mara* will then continue with the remaining sites detailed in Objective 2.

Once sites listed in Objective 2 and 4 have been surveyed, *Alba na Mara* will proceed to the unloading port detailed above.

Submitted:  
M Rose  
28 June 2019

Approved:  
I Gibb  
01 July 2019

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**PROGRAMME AMENDMENT**

- Please note the half landing, and relevant staff changes, will now be undertaken on 16 July.
- The updated project code is now MSPPL1, 20264.

I Gibb  
04/07/2019