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MRV *Alba na Mara*

Survey 1618A

PROGRAMME

19 – 23 October 2018

Ports

Loading: 16 October, Greenock

Unloading: 23 October, Greenock

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

Eric Dalgarno
Nicki Shepherd
Gerry McAllister

Gear: Microplastic catamaran, Day grab

Project: 5 days, 20463

Objectives

1. To determine the concentrations of floating microplastics in the vicinity of Loch Long, Loch Goil and the Clyde Estuary.
2. To determine the concentrations of microplastics within the sediment in the vicinity of Loch Long, Loch Goil and the Clyde Estuary.

Procedure

Scientific staff will join *Alba na Mara* (pm) on 18 October in Greenock. The vessel will sail the following morning, weather permitting.

Figure 1 shows the approximate tracks along which the microplastics sampling catamaran will be towed. Tows on both states of the tide (flood and ebb) will be attempted during the course of the survey.

Grab samples will be collected at stations along Loch Long and Loch Goil at approximately the locations seen in Figure 2.

Additional sediment and tow sampling will be performed in the general vicinity if time permits.

Samples we be collected, archived and returned to the Marine Laboratory Aberdeen.

Approved: *I. Gibb*, 12 October 2018

Figure 1. The image below shows the approximate survey tracks along which the towed microplastics net will be used.

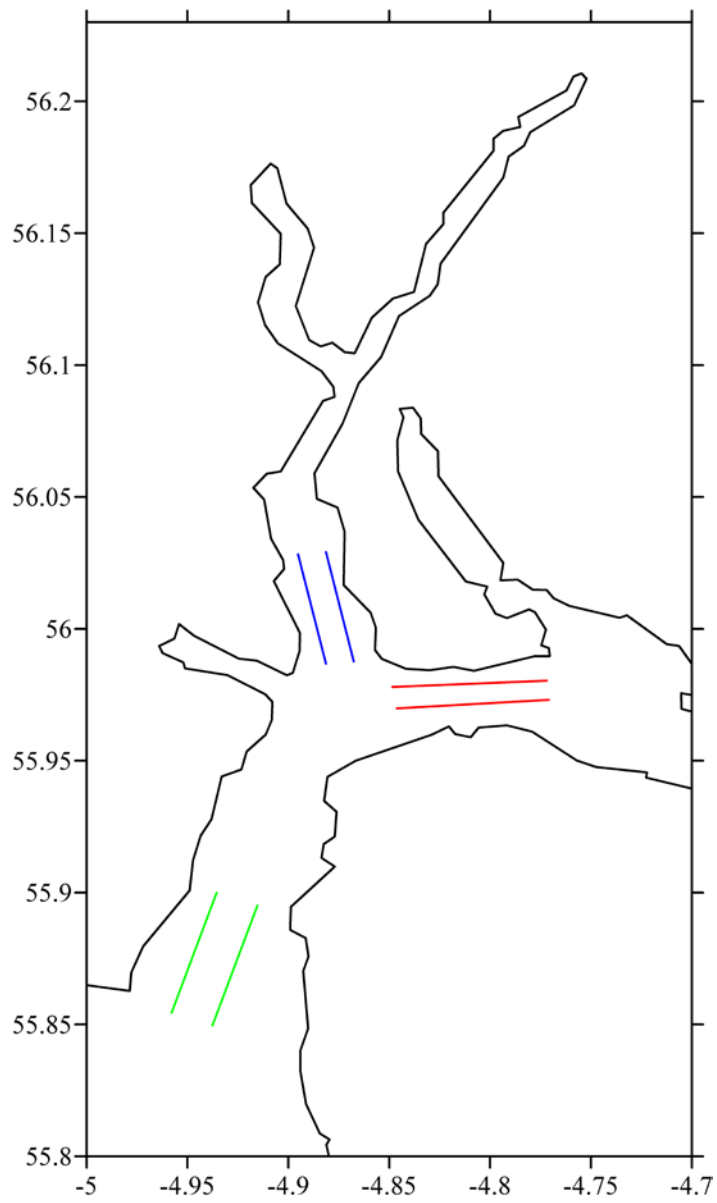


Figure 2. The image below shows the approximate survey locations of grab samples.

