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*MRV Alba na Mara*

Survey 1914A

## **PROGRAMME**

27 October – 2 November 2014

**Loading:** Greenock, 24 October 2014

**Unloading:** Greenock, 02 November 2014

In setting the cruise 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 cruise with staff on-board before work is commenced.

In the interest of efficient data management it is now mandatory to return the Cruise Report, to I Gibb and the Cruise Summary Report (old ROSCOP form) to M Geldart, within four weeks of a cruise ending. In the case of the Cruise Summary Report a nil return is required, if appropriate.

## **Personnel**

P Hayes

C Shand

P Stainer

R Watret

**Gear:** Day grabs; TV drop frame including HD digital video, temperature probe, flux capacitor, lasers, polyurethane cable, swathe multibeam echosounder system and RoxAnn system.

## **Objectives**

1. To undertake groundtruthing survey work over electrical cables and hydrocarbon pipelines to assess their potential interaction with the local epifauna.

**Estimated Days per Project:** 7 days: 20083

## **Procedure**

*MRV Alba na Mara* will depart from Greenock Harbour pm on 27 October. The nature of the work will be heavily dependent on the prevailing weather conditions encountered, however, contingency sites have been identified to keep downtime to a minimum (see map below). The priority area of interest is located in the red box shown on the map below. Alternative cables will be targeted to suit the conditions encountered. The proposed survey work is very similar to the collection of video-footage for recent renewables involving the deployment of the TV drop frame. Some additional bathymetric survey work may be undertaken along the cable/pipeline routes where changes in the sea bed morphology are evident. Surface sediment samples may also be collected using a day grab and agassiz trawl if changes in the epifauna are observed.

On completion of the survey work the vessel will return to unload at Greenock Harbour on 2 November.

Normal contacts will be maintained with the laboratory.

Submitted:  
P Hayes  
3 October 2014

Approved:  
I Gibb  
10 October 2014.

The red box defines the preferred survey area.

