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FRV *Alba na Mara*

Cruise 1310A

PROGRAMME

13-19 October 2010

Ports

Loading: Fraserburgh, 8 October 2010.

Unloading: Fraserburgh, 19 October 2010.

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

A McIntosh (SIC)

M McKenzie

G Packer

C Robinson

P Dymond

Objectives

1. To undertake sampling of flounder in St Andrews Bay, the Firth of Forth and from the upper Forth (Alloa) in support of the integrated assessment of biomarker monitoring programme and for the CSEMP.
2. To collect sediment at these sites for organic and inorganic chemical analyses and supporting determinands.
3. To determine PAH metabolites in bile from these fish, if time allows.

Fishing gear: BT 158; 2m beam trawl

Estimated Days per Project: 7 days AE11101 (AE11p)

Procedure

Loading of scientific gear will take place on 8 October. *Alba na Mara* will sail south to St Andrews Bay and the Firth of Forth after departure from Fraserburgh on 13 October.

During this survey, flounder, and sediments from trawl tracks, will be sampled from St Andrews Bay, Firth of Forth at Blackness and Upper Forth from Alloa (fish to be collected by Stirling University and delivered to *Alba na Mara* at an agreed location; Rosyth has been used previously).

On completion of this survey, *Alba na Mara* will return to Fraserburgh where samples will be transferred to the ML Aberdeen. Scientific gear will remain aboard for the cruise 1410A.

General Arrangements

Liquid nitrogen and other chemicals will be carried abroad for the preservation and storage of biological material.

Normal contacts will be maintained with the Laboratory.

Submitted:
A D McIntosh
27 August 2010

Approved:
I Gibb
30 August 2010

1310A proposed sampling sites

