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FRV *Alba na Mara*

Cruise 0511A

PROGRAMME

27 April 2011 – 16 May 2011

Loading: Fraserburgh, 23 April 2011

Crew change: Leith, 6 May 2011

Unloading: Fraserburgh, 16 May 2011

Working: Surveys of sea disposal sites along the east coast and in the Firth of Forth.

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

C Megginson	27 April – 16 May 2011
A Keir	27 April – 16 May 2011
C Shand	27 April – 6 May 2011 (Part I)
M Bland	27 April – 6 May 2011 (Part I)
D Walker	27 April – 6 May 2011 (Part I)
C Hepple	6 – 16 May (Part II)
P Stainer	6 – 16 May (Part II)
A Sutherland	6 – 16 May (Part II)

Sampling Gear

TV drop frame, TV winch and armoured cable, Day grab, RoxAnn.

Out-turn days per project: ST01n -20 days

Objectives

1. To undertake sediment grabs, underwater TV (UTV) and RoxAnn surveys of north east coast sea disposal sites at Fraserburgh and Peterhead.
2. To undertake sediment grabs, underwater TV (UTV) and RoxAnn surveys of east coast sea disposal sites at Montrose, Arbroath, Middle Bank (Tay) and Tay Bridge.

3. To undertake sediment grabs, underwater TV (UTV) and RoxAnn surveys of Firth of Forth sea disposal sites at Blae Rock, Boness, Oxcars, Leith, Narrow Deep, Port Seton, Dunbar and Eyemouth.
4. To undertake sediment grabs, UTV and RoxAnn surveys of a reference area for comparison with sea disposal sites within the Firth of Forth. This will be carried out at a location centred on the coordinates: 56 6.322N 3 3.207W.

NB: Objectives 1-4 include all possible sea disposal sites for survey but those undertaken/competed will depend on conditions at the time. Sediment samples for Objectives 1 - 4 will be analysed for chemical and physical parameters.

Procedure

The *Alba na Mara* will depart Fraserburgh on 27 April 2011 and proceed south to start the work programme outlined in Objectives 1-4. Each of the areas of proposed works will, where feasible, be surveyed in sequence. The scientific crew change will be made on 6 May at Leith where C Shand, M Bland and D Walker will be replaced by C Hepple, P Stainer and A Sutherland. The *Alba na Mara* will depart Leith and head east to complete the remaining sea disposal site surveys as outlined in the objectives. On completion of these surveys the *Alba na Mara* will head back to Fraserburgh for unloading on 16 May 2011.

Submitted:
C Megginson
18 April 2011

Approved:
I Gibb
18 April 2011