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MRV *Alba na Mara*

Survey 2012A

PROGRAMME

7-16 November 2012

Ports

Loading: Fraserburgh, 5 November 2012

Sailing: Fraserburgh, 7 November 2012

Unloading: Fraserburgh, 16 November 2012

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 cruise ending. In the case of the Survey Summary Report a nil return is required, if appropriate

Personnel

R Kynoch SIC
J Drewery 9-6 November
C Hall 11-16 November
M Kinghorn

Estimated days by project: 10 days, 20178

Gear

1 x Prawn trawl BT 201 with 80mm codend.
Net mounted TV system (Navigator cameras)
Scanmar instrumentation
Cod discard reduction gear modifications (FCAP, Flip-Flap, Scotnet SMP and Flexi-grid)

Objectives

- To undertake underwater observations of *Nephrops* trawl Highly Selective Gear (HSG) modifications in support of the Scottish Conservation Credits Scheme.
- Depending on the success of the TV observations and the availability of cod on the grounds some catch comparison hauls may also be made during the cruise.

Procedure

Fishing gear, mini TV equipment and Scanmar instrumentation will be rigged aboard the vessel prior to sailing on 7 November. After sailing on 7 November the intention will be to

make for suitable grounds in the Moray Firth, Orkneys or Shetland Islands. However, this will depend on the prevailing weather conditions and after discussions with the skipper.

The work plan is to undertake underwater observations with each cod selective gear modification using net mounted low-light camera systems with up to a maximum of four cameras attached to the trawl during each haul. The number of hauls made each day and their duration will be variable and depend on the grounds being fished but should be no more than two hours long. After observations on each device has been completed re-rigging to the next device will be carried out onboard.

General

There is no need for any night hauls during this survey and work patterns will be arranged around the normal working hours/practices of the vessel. J Drewery and C Hall will join the vessel at a suitable port to be decided in conjunction with the skipper. The survey will end in Fraserburgh on 16 November with all staff, fishing gear and scientific equipment returning to the Marine Laboratory.

Normal contact will be maintained with the laboratory.

Submitted:
Rob Kynoch
13 September 2012

Approved:
I Gibb
29 October 2012