

R1/3

Not to be cited without prior reference to Marine Scotland, Marine Laboratory, Aberdeen

Cruise 1209H

RV *Aora*

PROGRAMME

1-10 July 2009

Ports

Loading: 1 July, Keppel Pier, Millport.

Unloading: 10 July, Keppel Pier, Millport.

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 Iain Gibb and the Cruise Summary Report (old ROSCOP form) to Dougal Lichtman, within four weeks of a cruise ending. In the case of the Cruise Summary Report a nil return is required, if appropriate.

Scientific Personnel

P Boulcott

C Shand

C Hall

C Leakey (SNH)

Gear

Pyramid frame and underwater video camera kit.

Costs to Project: 10 days MF02Q

Objectives

- Establish baseline data on the scallop populations in the Lamlash Bay area

In September 2008 part of Lamlash Bay, Arran, became a community marine reserve and is now a no take zone (NTZ), the purpose of which is to help protect and enhance biodiversity. In addition to the enhanced biodiversity there is also an expectation that the no take zone will result in the scallop stocks being enhanced. The survey will collect baseline data on the scallop populations in and around the NTZ and will collect further information relating to other epibenthic species. SNH also propose to site a fixed UW camera within the NTZ and it is hoped that this survey will help to identify a suitable location.

General

Weather permitting; *Aora* will make passage from Millport to Lamlash Bay on the afternoon of 1 July after loading the drop frame, TV winch cables, and video equipment. The rest of the first day will be spent setting up the camera drop frame and ensuring that the crew are familiar with its successful deployment. C Hall, who will be on board to observe the technical aspects of the survey, will return ashore on 3 July. The remainder of the cruise will be spent in and around the boundaries of the NTZ – i.e. the NTZ, the remaining area of the bay to the west of the NTZ, and a coastal strip of water running directly north / south on the east side of the NTZ.

Normal contact will be maintained with the Laboratory.

Submitted
P Boulcott
4 June 2009.

Approved:
I Gibb
19 June 2009.