

P17/8

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

Charter Vessel MV *Reliant*

Charter Cruise 0504H

## **PROGRAMME**

14-28 March 2005

### **Port**

**Loading:** Mallaig, 14 March

**Unloading:** Mallaig, 28 March

**\*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 FRS' Working Time Policy (which is published on the Intranet). 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 John Morrison 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.**

### **Personnel**

David J Bova (SIC)

J Mair

K Summerbell

### **Fishing Gear**

40mm-dia. extension with 40mm-dia. total population cod-end.

80mm-dia extension with 120mm Square Mesh Panel, 80mm-dia cod-end

90mm-dia extension with 120mm Square Mesh Panel, 90mm-dia cod-end

100mm-dia. extension with 120mm Square Mesh Panel, 100mm dia. cod-end.

110mm-dia. extension with 120mm Square Mesh Panel, 110mm dia. cod-end.

**Provisional Costing:** 15 days – MF06q

### **Objective**

1. To obtain selectivity data for *Nephrops* and round fish for each test codend fished in commercial conditions using the twin trawl method.
2. Observations on fishing gear using RCTV and in situ camera within the gear.

## Procedure

The vessel will operate on a daily basis from Mallaig during RCTV observations. Thereafter the vessel will proceed from Mallaig in order to commence fishing for *Nephrops* with twin rig fishing gear. A 40 mm-diamond cod-end will be used on one net in order to sample the total population of *Nephrops* and a test cod-end fitted to the other net. The catch will be brought on board keeping each of the cod-ends separate and then sorted and weighed. A representative sample from both the small mesh cod-end and the test cod-end will be taken for *Nephrops* and fish by weight. After each haul the cod-ends will be alternated between port and starboard sides to counter possible bias in the towing of the gear. The vessel will return to port as required throughout the trip in order to land the catch and enable a crew change.

Normal contact will be maintained with the Laboratory. Contact number for the vessel is telephone number 07780603986

J A Morrison  
4 March 2005

## Circulation List: Cruise Programmes and Reports

### CHARTER VESSEL

Programmes - Mr J A Morrison for approval. Reports - Mr J A Morrison for approval.

Issue two copies of Record of Haul and Station Numbers pro-forma with Scientist-in-Charge's copy of *Scotia* and *Clupea* programmes.

Two xerox copies of track chart for reports to be sent to Dr L Rickards.

---

### PROGRAMMES ONLY

#### Lab staff

Mr J T M Hunter  
Mr T Reid  
Mr P J Copland  
Mr J Dunn  
Mr A Beaton  
Mr G Howard  
Security

#### Non-lab staff

~~Island Cmdr Faroes (Faroes only)~~  
~~Flag Officer, Denmark (Danish part of N Sea only)~~  
Coastguard  
G Lees

### PROGRAMMES AND REPORTS

#### Lab staff

Mr J A Morrison  
Capt R Denholm  
Mr R S T Ferro ) Fish Man team  
Mr C Hall ) progs only  
Dr R M Stagg  
Dr C Moffat  
Mr M R Heath  
Mr A Macdonald  
D Lichtman (+ additional copy of track chart  
of reports only)  
Mrs E Morrison  
Library (2)  
File

#### Non-lab staff

~~Library, Danmarks Fisk (reports only)~~  
~~Mr J Mortensen (Faroes only)~~  
~~Mr A Souplet (Fishing Cruises only)~~  
W J McCurdy, Belfast  
Technical Director, SFIA (J E Tumilty)  
Dr L Rickards  
Dr I Joint  
Director – Havfor Inst, Norway  
Dr S Ehrich  
Monsieur le Chef du dépt, Nantes  
Mr J C Brabant  
Mrs van Duyvenvoorde  
Dr J G Gordon  
G Kane  
R de Clerck  
Mr B Stewart  
Controller Coastal Ops - A Stewart  
Dr P Grieg-Smith  
Mr H C Boyar  
Dr R J A Atkinson  
Mr H i Jákupsstovu

#### Laboratory Personnel on Vessel

D Bova  
J Mair  
K Summerbell

#### Fishery Officers at

Mallaig