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

Charter Fishing Vessel *Amadeus* BF838

Cruise 0604H

## **REPORT**

31 January – 4 February 2005

### **Personnel**

R J Kynoch (In charge)  
N Collie  
I Penny

### **Objective**

To carry out fully instrumented whitefish gear measurement trials on a vessel with main engine power of 1014 kW and fishing in water depths ranging from 110 m to 120 m.

**Out-turn Days per Project:** 5 days, MF0755

### **Narrative**

Staff and instrumentation was loaded aboard *Amadeus* at Aberdeen harbour on Monday 31 January 2005. Staff then commenced rigging the instrumentation aboard the vessel alongside Aberdeen harbour. The vessel left port during the afternoon of 31 January for fishing grounds 8 miles east of Aberdeen. Thereafter, fully instrumented hauls were made on the same fishing grounds until the end of the cruise on the morning of 4 February. Staff and the instrumentation off loaded at Aberdeen and returned to the Marine Laboratory by the afternoon of 4 February.

### **Results**

All hauls were completed on the same fishing tow with similar warp lengths and with water depth ranging from 113 m to 122 m. A total of five fully instrumented hauls were completed with the whitefish trawl and two hauls with the monkfish trawl. The haul procedure was the same for all hauls and consisted of blocks (15 minute periods while towing at constant rpm) at systematically varied speeds. The reciprocal tow method as recommended by ICES was used to allow for tidal changes. Engineering performance data will be analysed in the laboratory and utilised in project MF0755.

R Kynoch  
16 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.

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### 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

R J Kynoch  
N Collie  
I Penny

#### Fishery Officers at

Peterhead  
Fraserburgh