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MFV *Seagull BF74*

Survey 0814H

REPORT

Ports:

Loading took place on: Fraserburgh 7 April 2014

Unloading took place on: Fraserburgh 17 April 2014

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

M Gault SIC
M Kinghorn
G McAllister

Project: Lasted a total of 10 days SU02ND

Fishing Gear: Anglerfish Trawl BT 195

Objectives:

All objectives for the charter were carried out and completed as set out below:

1. To undertake a nationally co-ordinated demersal trawling survey of anglerfish species on Ices Iva Northern North Sea.
2. To obtain temperature and depth profiles at each trawling station.
3. To record and map distributions of megrim, four spot megrim and cod.
4. To collect biological data on Angler, cod, megrim and four spot megrim

Procedure

The charter was conducted following the protocols drawn up an industry science survey planning group made up of marine Scotland scientists and fishing representatives. The skipper was given cruise tracks and sampling locations prior to the loading and setting up of the vessel chartered.

Trawling

28 trawls each of 60 minutes duration were completed with a further 4 trawls of only 45 mins due to coming fast or weather restrictions. Of the 32 completed trawls 28 of were set stations and 4 were extra random stations. This was due to 3 stations to the north having to be abandoned due to severe weather conditions; later in the charter we picked up 3 extra stations in the southern area to ameliorate the number of total hauls. The trawling operations

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occurred in waters up to a maximum of 500 m. Starting times were 06:00 daily and all trawling was complete by approximately 23:30 each night. The Scanmar system was used to monitor wing spread, door spread and distance covered during each haul. A bottom contact sensor was mounted on the footrope but failed to work throughout the charter

Catches were worked up according to the protocols for Marine Scotland anglerfish surveys which are similar in principle to Marine Scotland standing instructions.

Hydrography

A mini logger was deployed on the trawl at each station to monitor salinity, depth and temperature.

Post Survey

All scientific equipment was unloaded on the return of the vessel to Fraserburgh harbour on the 19 April the due date of return.

Submitted:
M Gault
30 April 2015

Approved:
I. Gibb
30 April 2015

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