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

FRV *Clupea*

Cruise 1107C

PROGRAMME

10 - 23 August 2007

Ports

Loading: Fraserburgh
Unloading: Fraserburgh

Personnel

R. Watret (SIC)
Owen Goudie
Melanie Harding
Kenny Couston (Visitor, U. of St Andrews)

Fishing Gear

Sunbeam Sandeel Trawl BT169

Objectives

To determine the distribution and relative abundance of sandeel on inshore fishing grounds around the Shetland Isles and Fair Isle, with particular emphasis on both *Ammodytes marinus* and *Gymnammodytes semisquamatus*.

To obtain a length frequency and additional biological information for all Angler fish (*L. piscatorius*, *L. budegassa*), caught on inshore grounds around the Shetland Isles during the survey.

Procedure

Trawl hauls of up to 30 minutes duration will be made on grounds where sandeels have been caught commercially in recent years. Each ground will be surveyed on three occasions, at different times of the day and, where practicable, on different dates. For each trawl haul, otoliths will be collected to determine age composition in *Ammodytes marinus*. Length frequency data will be collected for all other eel species.

L. piscatorius, *L. budegassa* will be sampled for length frequency, whole weight, gutted weight and sexual maturity state.

Normal contact will be maintained with the Laboratory.

J A Morrison
15 June 2007