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

FRV *Clupea*

Cruise 1195C

REPORT

6-13 July 1995

Ports

Loading: Fraserburgh
Unloading: Fraserburgh

Personnel

R Stagg PSO (in charge)
A McIntosh PSO
G Grewer Visitor
A Schubert (Miss) Visitor

Fishing Gear: Agassiz and 2 m Beam trawl

Out turn per project: BGG1 6, BGA1 2

Objectives

Fish and sediment collection for biological effects component of the National Monitoring Plan; sediment samples for geochemical survey.

Narrative

Clupea departed from Fraserburgh at 0830 hours on 6 July 1995 and proceeded south for the Firth of Forth, sampling coastal sediment stations on route. *Clupea* occupied fishing and sediment grab stations in the Firth of Forth (7-9 July), Firth of Tay (9-10 July), Inverness and Beaully Firths (11 July) and Cromarty Firth (12 July). Sediment samples were taken for trace metal analysis, organic carbon and particle size and bioassays for sediment quality. Plaice and viviparous blenny were sampled for determination of contaminant, burdens and biological effects. *Clupea* returned to Fraserburgh on Thursday 13 July.

A cruise track indicating sampling stations occupied is attached.

R Stagg
14 July 1995

See in draft: A Simpson, OIC
FRV *Clupea*

Sampling Positions - Clupea - 1195C

