

R1/6

Not to be cited without prior reference to the Laboratory

Clupea 1393C Part 1

28 June - 1 July 1993

Cruise Report

Personnel

G Howard	SSO
D Watson	ASO

Objectives

1. To obtain scallop samples for PSP analysis from the area of the east coast scallop grounds now closed under the Food Protection (Emergency Prohibition) (Paralytic Shellfish Poisoning) (No 7) Order 1993.
2. To take water samples for phytoplankton analysis.

Out turn days per project

4 Days: BGH1

Narrative

Clupea departed Fraserburgh at 1730 on 28 June and immediately began a sampling survey of Moray Firth scallop grounds. A grid pattern was followed and grounds sampled from Fraserburgh westwards to the Dornoch Firth area and northwards to Orkney.

Water samples were taken at all dredge stations.

Clupea docked at Fraserburgh at 1030 on 1 July and all gear was unloaded.

Results

A total of 22 fifteen minute tows were made using two scallops dredges attached to a towing bar.

Scallops were caught in all but four tows, with catches ranging from three to 57 individuals. Samples from each catch were dissected and adductor muscle, the gonad and the viscera were preserved for subsequent PSP analysis. Some queens were also caught, these were also preserved for toxin analysis. Water samples were preserved in Lugols for subsequent examination for toxin producing dinoflagellates.

G Howard

26 May 1994

CLUPEA CRUISE 1393C PART 1

