

NOTIFICATION OF PROPOSED RESEARCH CRUISE

Part B – Details

1. Name of Research Ship: Scotia Cruise no: 0905S

2. Date of Cruise

From: 28/6/2005 To: 18/7/2005

3. a) Purpose of Research

To conduct an acoustic survey to estimate the abundance and distribution of herring in the north western North Sea and north of Scotland

3. b) General Operational Methods (including full description of any fish gear, trawl type, mesh size, etc).

Collect acoustic survey data with 18, 38, 120 200 kHz echosounders to estimate the abundance and distribution of herring in the north western North Sea and north of Scotland

To obtain echosounder trace identification using pelagic trawl. PT 160 trawl with 20mm mesh codend.

To obtain samples of herring for biological analysis, including age, length, weight, sex, maturity and ichthyophonus infection

To obtain photographic records for fish maturity analysis.

To obtain hydrographic data for comparison with the horizontal and vertical distribution of herring.

To obtain plankton & micronekton samples for acoustic identification work.

4. Attach Chart showing (on an appropriate scale) the geographical area of intended work, positions of intended stations, tracks of survey lines, positions of moored/seabed equipment, areas to be fished.

The shaded area will be surveyed with a systematic survey track and opportunistic trawling with no predefined stations. Sampling will occur anywhere within the area navigation and safety permitting.

The area is bounded by:-

58N and 62N

4W and 2E

