

R1/12

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

FRV *Scotia*

Cruise 0103S

## REPORT

6-12 January 2003

### Ports

**Loading:** Aberdeen

**Unloading:** Aberdeen

### Personnel

Pam Walsham (In charge)  
Alistair McIntosh  
Eric Dalgarno  
Gill Packer

### Objectives

1. To undertake water, sediment and biological sampling for the National Marine Monitoring Programme (NMMP).
2. To collect water samples for hydrographic analysis.

**Days per project:** AE11p 6 days

### Narrative

FRV *Scotia* sailed 6 January at 1200 hours to the NMMP Tay/Forth site where sampling commenced at 1630 hours. The NMMP sites in the Moray Firth and the Minches were sampled on 7 and 8 January. FRV *Scotia* then made passage to the NMMP Solway Firth site. The NMMP sites in the Solway Firth and Clyde were sampled on 9 and 10 January.

During return passage, water samples were collected between the Mull of Kintyre and Wick for hydrographic analysis.

### Results

All Scottish NMMP offshore sites were occupied (Fig. 1). At all sites water, sediment and biological samples were obtained. A sufficient return of the target species (plaice) was obtained at all NMMP sites.

Seventy-eight water samples were collected between the Mull of Kintyre and Wick as part of the Scottish Coastal Eutrophication Assessment Survey.

All samples were preserved and returned to Aberdeen for subsequent analysis.

Pam Walsham  
27 January 2003

Seen in draft: P Ramsay (OIC FRV *Scotia*)

Figure 1

