

R1/12

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

FRV *Scotia*

Cruise 0896S

REPORT

11-16 May 1996

Personnel

A W Newton	SSO (in charge)
D S Beveridge	SO
W M Lobban	SO
P L Clark	ASO
J McWilliam	ASO
M C Mathewson	ASO
F N Burns	Contract
G Mackay	Visitor
J Newby	Visitor

Objective

To participate in a coordinated groundfish survey in the North Sea.

Out-turn days per project: 6 days DAC1

Narrative

Scotia sailed from Aberdeen at 1000 hours on Saturday 11 May and proceeded to a trawling position off Aberdeen; on completion of this station *Scotia* moved steadily northwards. During the next four days standard stations were surveyed around the Shetland and Orkney Isles and in the Moray Firth. All designated stations were surveyed and *Scotia* returned to Aberdeen at 0700 hours on Thursday 16 May.

Results

This was the second part of a survey that began with cruise 0696S. During this part of the survey 23 hauls were made; this made a total of 72 one hour hauls for the complete survey. Each haul was monitored for headline height, wing and door spreads using the Scanmar system.

Bottom and surface temperatures and salinities were taken at every valid trawling station.

This cruise is part of an ICES coordinated survey and provisional indices based on length frequency distributions are shown in Table 1.

A W Newton
18 November 1996

Seen in draft: Captain C Brazier

TABLE 1

Preliminary indices of IBTS (Quarter 2) in the North Sea

Survey year	Cod			Haddock			Whiting			Norway Pout			Herring			Sprat			Mackerel		
	0	1	2+	0	1	2+	0	1	2+	0	1	2+	0	1	2+	0	1	2+	0	1	2+
1991	2.9	8.5	13.0	0	502	348	2	1,298	696	7	2,337	827	118	5,490	1,168	0	485	1,434	0.0	11.0	82.4
1992	3.0	36.3	17.5	2	772	246	2	816	605	72	7,708	831	160	6,689	703	0	2,290	3,619	0.3	0.6	9.0
1993	2.1	11.0	15.6	0	1,276	265	8	710	489	0	2,428	1114	103	3,817	905	1	9,333	3,865	0.0	4.0	36.1
1994	0.4	32.0	5.3	0	495	160	3	806	414	36	2,978	251	13	5,627	415	120	2,531	954	0.0	2.8	6.9
1995	1.4	19.6	16.7	0.3	1,549	278	0.2	1,592	663	4	10,730	808	9	3,715	484	8	3,803	5,416	0.0	0.8	91.9
1996	0.1	3.7	7.8	0.6	790	190	0.1	627	400	14	1,463	1,315	16	2,083	226	0.2	296	920	0.0	1.4	9.7

Track Chart of FRV 'Scotia' 11- 16 May 1996

