

CRUISE REPORT

F.R.S. "SCOTIA"

9th - 19th June, 1964.

"Scotia" sailed from Aberdeen at 1100 on the 9th June, having been delayed by boiler trouble; fishing commenced off the north coast of Scotland on the 10th and continued uninterrupted until the 14th when the ship put into Stromness for water. Due to strong W to NW winds further trawling was impossible on the north coast, and fishing was resumed on the 16th on various grounds off Wick, in the Moray Firth and off Cruden Skares. The ship docked at Aberdeen at 2115 on the 19th June.

Results

Tagging A total of 2437 fish were tagged of which 364 were cod (246 yellow flag on nylon thread and 118 spaghetti tags), 2054 haddock (all flag) and 19 whiting (all small spaghetti tags). A summary of the numbers released in each area is as follows:

	<u>Cod</u>	<u>Haddock</u>	<u>Whiting</u>
4½m. NW x N Holburn Head	164	581	1
Whiten Head Bank	-	9	1
Stormy Bank	-	24	-
Sandside Bay	86	1055	3
8 m. SE x E Noss Head	19	4	1
7m. ESE Helmsdale	1	-	-
9m. N. Buckie	81	51	-
4m. SE Cruden Skares	13	330	13

Hydrography and Chemistry

Serial t°C and salinity samples and surface and bottom oxygen, phosphate, nitrate and silicate samples were taken at suitable stations. Current indicators were released on the Turbot Bank and at three stations off Wick.

Plankton

Five oblique hauls were made using the 1 m (26) net.

D.J. SYMONDS
1st July, 1964.