

Confidential: Not to be quoted without previous reference to the Laboratory.

S.16

CRUISE REPORT

4.
I SR 55

F.R.S. "SCOTIA"

February 1st-19th, 1955.

The scheduled period for "Scotia's" first trip in 1955 was curtailed to less than one week by a series of mechanical defects. After leaving Aberdeen on Sunday 13th February, en route for the Butt of Lewis, "Scotia" sought shelter in Loch Eriboll for 24 hours. The following day three stations, including one trawl were worked; thereafter gales, at times severe, precluded further work and a passage was made back to Aberdeen which was reached on the morning of the 19th.

The first three stations on the Butt of Lewis-Faroe line were completed under the threat of force 8 wind forecasts. The trawl at 58°40'N 6°10'W yielded a fair haul of haddock, chiefly of the 1952 and 1953 broods. The small mesh collection contained numerous Gadus esmarkii and a few baby haddock.

Plankton sampling gave rise to uniformly poor collections. The most numerous species were Euphausiids and Mysids viz. Thysanoessa inermis, Nyctiphanes couchii, Meganyctiphanes norvegica, Schistomysis ornata and Anchialina agilis. Galetta australis and Spheronectes were taken at XX16b. Sagitta elegans was present in small numbers at all stations. Cod or Haddock eggs and plaice eggs were present at stations XX16b and d.

The hydrographic data were so few as to merit little comment. The surface temperature in the coastal region appears to be 1 to 1½°C below 1954.

The echosounder was in continuous operation between Aberdeen and Butt of Lewis but traces were few and very small.

R. JOHNSTON

8th March, 1955.

Circulation:

- Mr. Wall, M.A.F., London
- Dr. J. N. Carruthers
- Mr. M. Graham
- Mr. W. K. Rose
- Capt. D. T. MacCallum
- Mr. F. S. Russell
- Mr. K. M. Rae
- Dr. G. Reay
- Dr. E. Leloup
- Dr. A. Taning
- Dr. J. Ancellin
- Professor A. Buckmann
- Mr. U. Stefansson
- Mr. G. Rollefson
- Dr. A. R. Molander
- Captain Bruce
- Captain A. M. Finlayson
- Mr. Jappy
- Mr. T. C. Jones, W.F.A.
- Mr. G. S. Gault, W.F.A.
- Dr. B. Havinga

- Dr. Lucas
- Dr. Wood
- Dr. Tait
- Dr. Fraser
- Dr. Rae
- Mr. Parrish
- Mr. Steele
- Mr. Connolly
- Dr. Johnston
- Mr. Martin
- Mr. Seaton
- Mr. Sinclair

- ~~Circulation (3)~~
- Library
- File
- Spare 4.