

Provisional: not to be quoted without reference to the writer

R.V. CLIONE

REPORT OF CRUISE 4/1969

| <u>Staff</u> | <u>Duration</u> |
|---|-----------------|
| P. G. Griffiths C. R. Hood B. K. Clarke | 3-21 March |

Aims

1. To demonstrate sonar equipment and to take part in sonar surveys in connection with the Acoustic training course being given by F.A.O. - I.C.E.S. at Svolvær.
2. To test sector scanner transducer equipment at sea over an extended period.

Narrative:

After two unsuccessful attempts to dry dock, for replacement of the Humber gear hull transducer, CLIONE left Lowestoft at 1100 hours, 3 March and proceeded to Svolvær, with the original transducer in place.

On 5 March bad weather forced a change of course and CLIONE proceeded inside the fjords from Ålesund to Svolvær, stopping at Breidvikskjera selva, and at position 64°20.4'N 10°26'E to shelter.

The ship arrived at Svolvær at 1000 hours, 9 March, and joined the F.A.O. - I.C.E.S. survey programme which was now running one day late.

Various technical difficulties were encountered during the surveys, which caused some loss of time, but echo sounder, fish integration system (midwater, bottom lock, and single fish echo integration), and 100 kHz sounder were demonstrated to the participants of the course.

By day trials of the SST were undertaken at Svolvær.

CLIONE left Svolvær at 1000 hours 14 March and proceeded, through the fjords, to Kopervik where we waited two days for suitable weather.

During this period (14-19 March) the sector scanner equipment was running on test, (see SST log book) and 124 hours total operating time was achieved.

On hauling in the underwater Cage it was noticed that one rib had broken at the weld.

CLIONE left Kopervik at 1025 hours, 19 March and after dodging for 12 hours in the Skagerak, proceeded to Lowestoft arriving at 1215 hours, 22 March, 1969.

P. G. Griffiths
21.3.69.

Initialled: AJL

Seen in draft: MRS.

Distribution: Basic list, plus the following:-
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