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## CRUISE REPORT

F.R.S. "CLUPEA"

23rd October - 10th November, 1961.

- Objectives: 1) To tag herring in the Minch  
2) To conduct a hydrographic survey in Loch Linnhe

"Clupea" sailed from Buckie on the evening of 23rd October and proceeded to the west coast via the Cal e donian Canal.

After completing the hydrographic survey in Loch Linnhe, Mr. J. Pirie was landed at Oban on 28th October and "Clupea" proceeded to Kyle where Mr. Baxter joined the ship on the following day.

On 30th October "Clupea" put into Mallaig and contact was made with Mr. W. J. Manson, the owner of the ring net boat "Mary Manson", who had kindly agreed to provide catches of live herring for the experiment.

Stormy weather delayed the start of the work and tagging was not begun until 6th November.

At the end of the cruise the scientific staff were landed at Kyle on 10th November and "Clupea" proceeded to the Clyde.

Since the work of the cruise had been hindered by stormy weather it was decided to continue tagging on "Mary Manson" during the following week (13th-17th November).

Thanks to the great help provided by Mr. Manson and the crew of "Mary Manson" a total of 5,700 herring were tagged in good condition in the South Minch between 6th and 17th November. Of these 574 were liberated in Loch Eynort, 749 in Loch Boisdale, 3,929 on Curachan Bank and 448 on Coll Bank.

This total of 5,700 tags consisted of 3,867 Scottish combination tags and 1,833 internal tags.

IAN G. BAXTER  
22nd December, 1961.