

MINISTRY OF AGRICULTURE, FISHERIES AND FOOD  
FISHERIES LABORATORY, LOWESTOFT, SUFFOLK, ENGLAND

1978 RESEARCH VESSEL PROGRAMME

REPORT: RV TELLINA: CRUISE 4

(PROVISIONAL: Not to be quoted without reference to the author).

STAFF:

A Howard

DURATION:

22-26 May 1978

LOCALITY:

Inshore lobster fishing grounds - Cromer to Whitby

AIMS:

To make a gross topographical survey of the lobster grounds off Cromer, Whitby, Flamborough and Hornsea, using the ship's echo sounder.

NARRATIVE:

TELLINA sailed at 0900 h, Monday 22 May and proceeded to the Cromer lobster grounds where the first sampling grid was soon completed. She then steamed overnight to Whitby, where the second grid was completed, and then went into Scarborough for the night. By high water on the following morning a northerly swell and wind prevented her from reaching the Flamborough site, but an attempt was made to record the Hornsea grid. However, conditions prevented this and TELLINA dodged into the lee of Flamborough Head, and then into Bridlington Harbour. Sea conditions prevented leaving on the morning tide, but in the afternoon TELLINA left for Lowestoft, and completed the Hornsea grid en route. She docked at Lowestoft at 1115 h, 26 May 1978.

RESULTS:

Three of the four grids required were completed. The Flamborough site could not be reached in the heavy swell. The traces confirm the smooth nature of the sea bed off Cromer, and support the hypothesis that absence of protection from the strong tidal currents could limit the density of commercial sized lobsters in the area. The detailed topography of the Yorkshire grounds will be recorded by the diving team in June.

A E Howard  
12 June 1978

SEEN IN DRAFT: A Pearson

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