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R.V. CORELLA

Report on Cruise 17/1969

Staff: I L Davies Duration: 4-17 November
 B C Mumford

Aims

1. To provide trawling targets for CLIONE sector scanning observations.
2. Smith's Knoll plankton will be collected for Mr Wimpenny and Southern Bight plankton for NERC Helminthology Unit.

Narrative

CORELLA sailed from Lowestoft at 1740 hours 4 November in company with CLIONE and proceeded to Orfordness where she anchored overnight while CLIONE was in Harwich. Next morning work started in the Gabbard Deep water, CORELLA towing the Engel 800 mesh midwater trawl and CLIONE making observations with the sector scanner. This work continued on 6 November until 1820 hours when, to avoid bad weather, both ships steamed eastwards. CORELLA berthed in IJmuiden at 0900 hours, 7 November. There the gear was changed from the midwater to the bottom trawl.

Sailing was delayed by persistent gale force winds until 1115 hours 14 November. While CLIONE steamed at reduced speed towards the chosen fishing grounds north of the Brown Ridges CORELLA carried out plankton sampling using a Hensen net on a line from IJmuiden towards Outer Gabbard Lightvessel. The fourth station was abandoned when the wind gusted up to 40 knots and further work was discontinued and the vessel dodged overnight. Next morning in continuing gale force winds course was set for Yarmouth Roads where the anchor was dropped at 1124 hours.

At 0600 hours 16 November CORELLA steamed to Southwold to join CLIONE. Work recommenced there with CORELLA towing the Granton trawl and CLIONE making sector scanner observations.

Northerly gale force winds ruled out any work on 17 November so CLIONE steamed to Harwich to remove the dome and CORELLA dodged up the coast towards Yarmouth Roads. Because of the gale force winds and as the weather forecast showed no signs of improvement the cruise was terminated and CORELLA docked at Lowestoft at 1615 hours, 17 November.

Results

1. Good results were reported from CLIONE with the sector scanner when viewing both midwater and bottom trawls. Because of the bad weather which persisted for most of the cruise it was not possible for scientific staff off CORELLA to go as arranged aboard CLIONE to see the sector scanner in operation and to familiarise themselves with handling this equipment.

2. Plankton samples taken with a Hensen net were obtained for Mr Wimpenny and for NERC Helminthology Unit.
3. Samples of small gadoids were deep frozen for Mr A Jones.

I L Davies
17 November 1969

Seen in draft: WC
CNS

Initialled: HAC

Distribution:

Basic list, plus the following:

Mr Davies
Mr Munford