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IN CONFIDENCE: Not to be quoted without reference to the laboratory

CRUISE REPORT

FRS CLUPEA?

19 - 23 APRIL 1976

OBJECTIVE

To film the *at sea* sequences for inclusion in the new laboratory film.

NARRATIVE

Both *Clupea* and *Mara* worked together from Buckie harbour but because of tidal difficulties it was necessary for Clupea to remain at anchor overnight on Monday and Tuesday.

Clupea loaded the moored current meter array on Monday 19 and sailed with the afternoon tide. Filming of the shooting and recovery of this array was completed that evening and *Clupea* returned to Buckie early Tuesday morning to load the trawl gear. The shooting of the parachute drogue and high speed sampler was filmed on Tuesday evening and the trawl gear instrumentation, reversing bottles and plankton net sequences on Wednesday.

The trawl gear instruments were returned to 'Mara' on Wednesday evening and on Thursday both the fish tagging and general trawling shots of 'Clupea' were filmed. 'Clupea' docked in Buckie harbour on Thursday evening and the tagging gear unloaded and gear for the following trip loaded on Friday 23.

RESULTS

All the necessary *at sea* sequences were completed apart from the underwater shots of parachute drogue and current meter, which were not possible due to unsatisfactory light conditions. These shots will be filmed by laboratory divers at the earliest opportunity.

R D Galbraith 26 May 1976

Seen in draft: G Geddes