

R1/12

In Confidence: Not to be quoted without reference to the Laboratory.

FRV "SCOTIA"

CRUISE 11/83

REPORT

26 October - 3 November 1983

Objectives:

1. To investigate the distribution of hydrocarbons in water and sediments around selected oilfields.
2. Benthos sampling on the JONSIS line.
3. Trawling, hand and long lining for commercial fish species for biochemical and taste panel analysis.
4. Water sampling for radio caesium analysis.

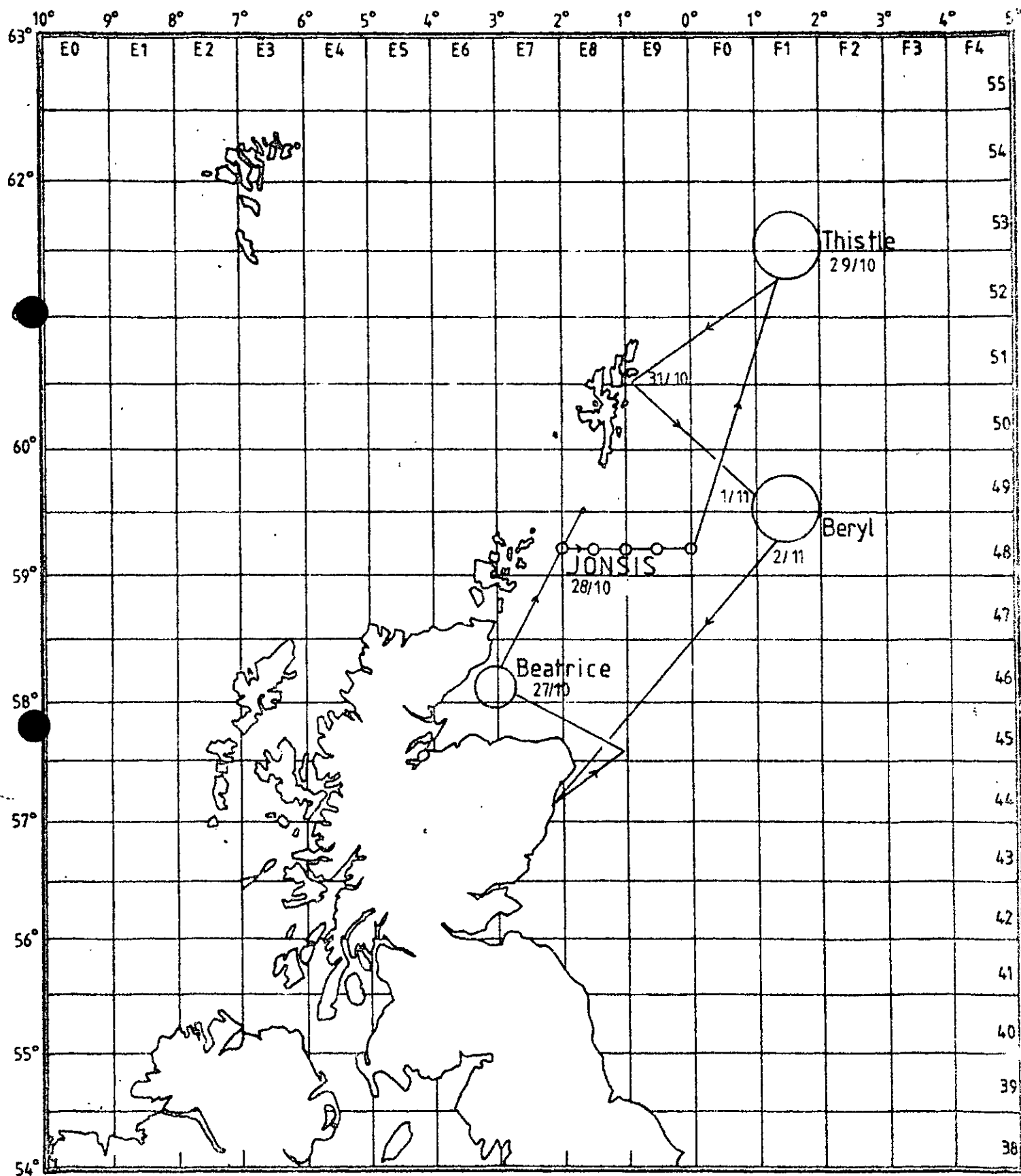
Narrative:

"Scotia" left Aberdeen at 1630 hours on 26 October and arrived on station at the Beatrice oilfield at 0015 on 27 October. Twenty four stations were sampled and a demersal trawl taken. "Scotia" left the Beatrice field at 1430 and arrived Fair Isle at 2330 where a 'clean' station was sampled and water taken for radio caesium analysis. 'Scotia' arrived on station at JONSIS A at 0110 on 28 October. The line was completed and a course set for Thistle at 1815 arriving on station at 0730 on 29 October. After a number of unsuccessful attempts at sampling it was decided that because the adverse weather was likely to persist for about 48 hours to seek some shelter. 'Scotia' made slow progress towards Shetland and dropped anchor at 0600 on 31 October. Some hand lining was carried out for 'clean' fish off Fetlar. 'Scotia' left this anchorage at 0630 on 1 November and after a one hour demersal trawl taken on Bressay Bank, headed for the Beryl oilfield at 1030 arriving on station at 1730. Weather conditions precluded any sampling until 0800 on 2 November. A one hour trawl was taken after which 'Scotia' made course for Aberdeen to disembark the chief scientist who had earlier sustained injury. A water sample for radio caesium was taken off Aberdeen and 'Scotia' docked at 0300 on 3 November. No results are as yet available.

A D McIntosh

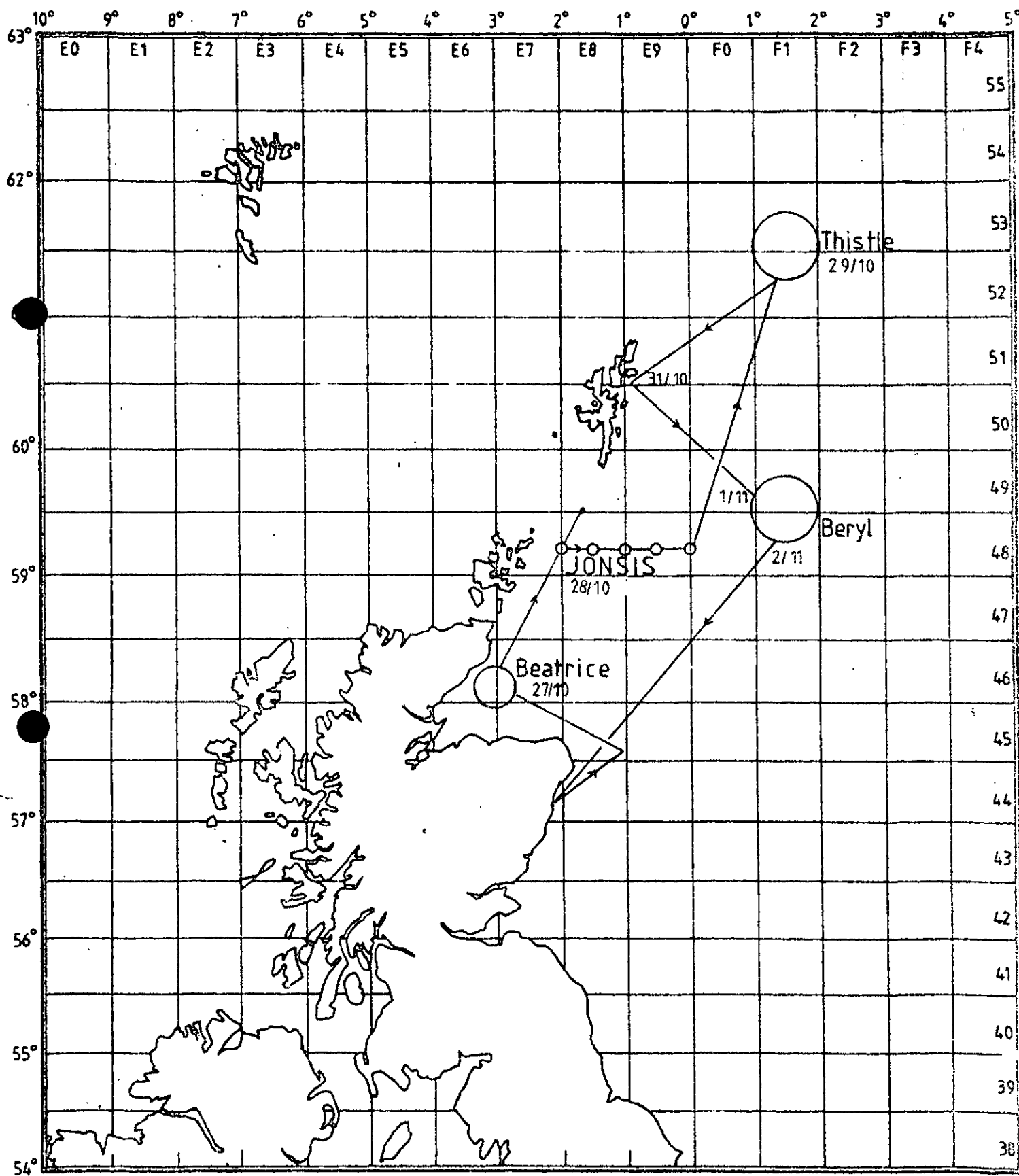
14 November 1983

seen in draft: W Findlay



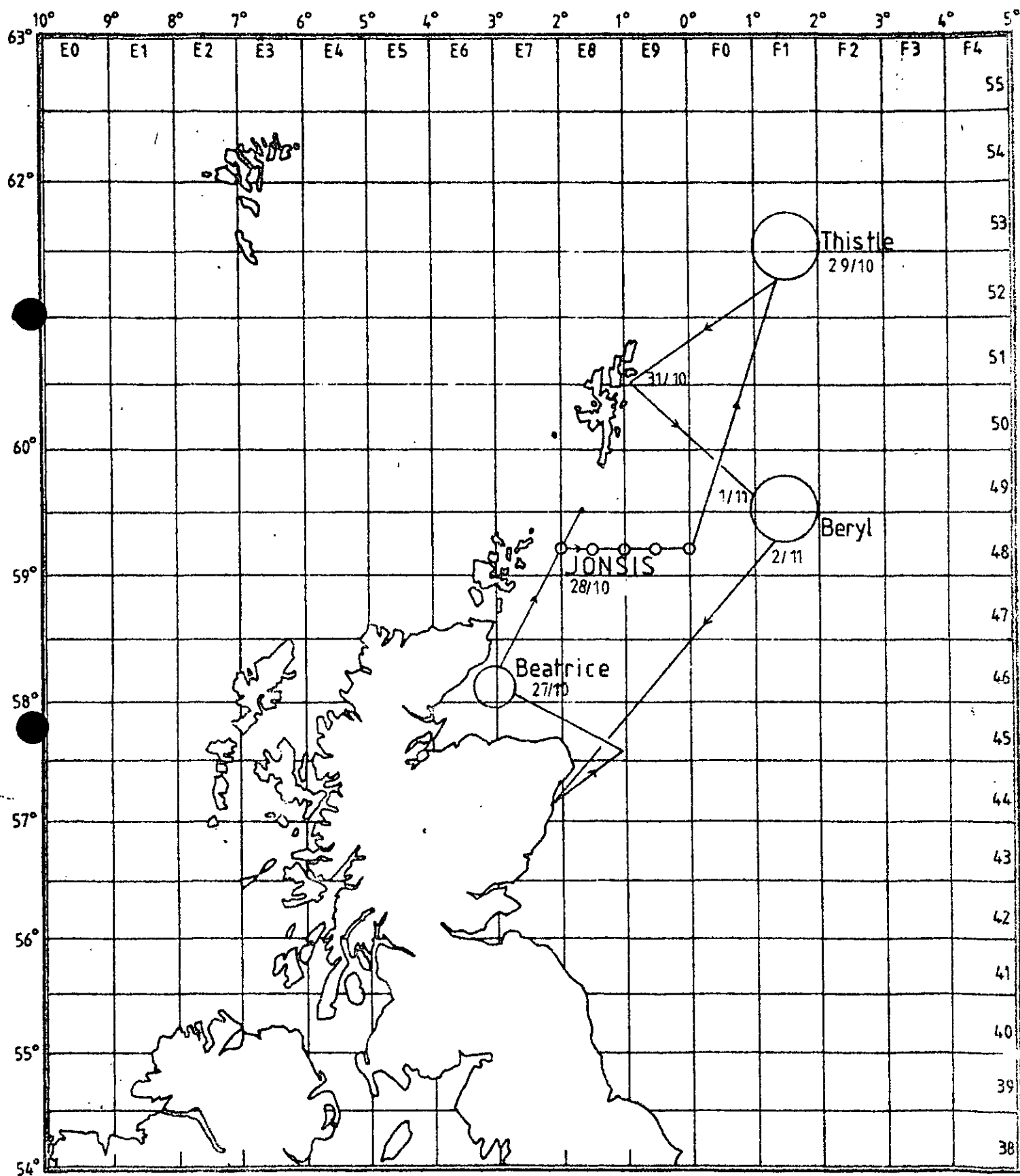
FRV Scotia 26/10-3/11

11SR83



FRV Scotia 26/10—3/11

11SR83



FRV Scotia 26/10-3/11

11SR83