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IN CONFIDENCE - NOT TO BE QUOTED WITHOUT PRIOR REFERENCE TO LABORATORY

FRV CLUPEA

CRUISE 11/81 11CR81

REPORT:
17 August-28 August 1981

OBJECTIVES:

1. To uplift and replace three current meter moorings in the Moray Firth.

2. To undertake a hydrographic and chemical survey of the Moray Firth with hydrocarbon sampling on the Mesa field.

3. To uplift a long term temperature/salinity mooring off Ungam Island, Sullom Voe and the short term placing of caged 'Queens' off Calback Ness.

4. To conduct a hydrographic and chemical survey within Sullom Voe, together with hydrocarbon sampling.

NARRATIVE

'Clupea' left Aberdeen at 1400 on Monday 17 August for the Moray Firth. The first mooring was missing and a hydrophone search was carried out on Monday evening followed by creeping over the buoy position on Tuesday morning, all to no avail. A new mooring was laid at position 1 and the mooring at position 2 serviced by Tuesday evening. The hydrocarbon survey on the Mesa field was completed by early Wednesday morning and the mooring on position 3 serviced by lunchtime. 'Clupea' then sailed for Lerwick arriving shortly before midnight. The following morning the short term 'Queen' moorings were laid off Calback Ness, and the survey of Sullom Voe commenced. This was completed by noon Friday and 'Clupea' proceeded to Lerwick for the weekend. Mr Ward left the ship and was replaced by Mr Falconer.

On Monday 'Clupea' returned to Sullom Voe picking up Dr Monk, a visitor from B.P. Pollution Control Dept en route. The 'Queen' moorings were recovered and the Ungam Island mooring serviced and after dropping Dr Monk off at Sullom Voe 'Clupea' proceeded south to start the hydrographic and chemical survey in the Moray Firth which was completed by 1400 Thursday. Mooring 1 was lifted and relaid to allow a pinger to be fitted and 'Clupea' docked at Buckie at 2100 27 August 198[illegible].

REPORT ON OBJECTIVES

1. Mooring No. 1 was replaced with a new mooring, following an abortive hydrophone and creeper search of the area. Moorings No. 2 and 3 were on position and were serviced without incident.

2. All hydrographic and chemical stations in the Moray Firth were completed. A grid of 20 grab and water sample stations for hydrocarbon analysis was carried out around the Beatrice platforms on the Mesa field.

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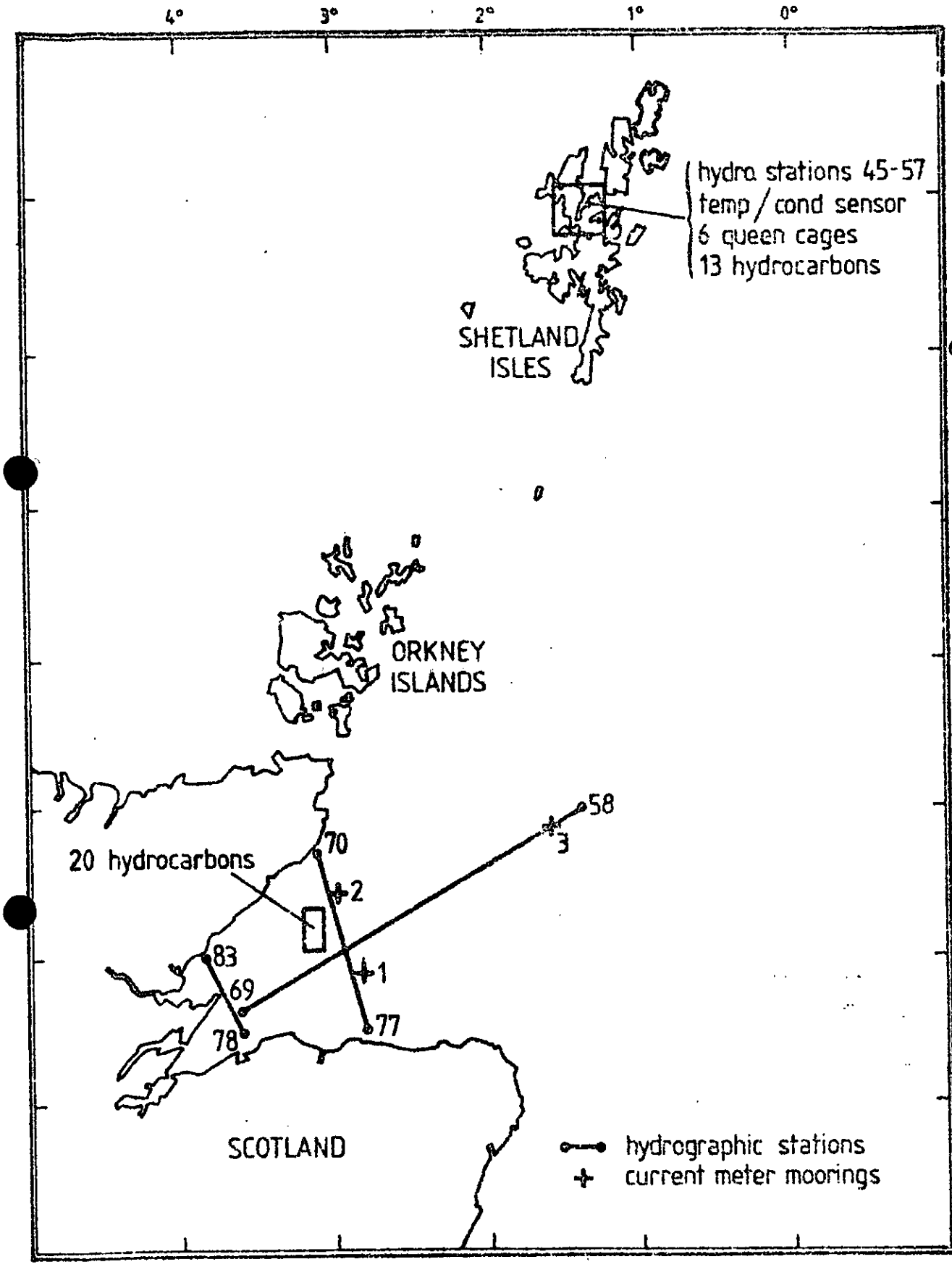
3. Prior to sailing it had been decided to service the Ungam Island mooring and leave it on position rather than uplift the mooring. This work was successfully carried out. Six 'Queen' cages were laid off Calback Ness from 1345 20 August 1981 until 1400 24 August 1981.

4. The Sullom Voe hydrographic, chemical and hydrocarbon survey was completed.

R Payne
2 September 1981

Seen in draft: A Mair



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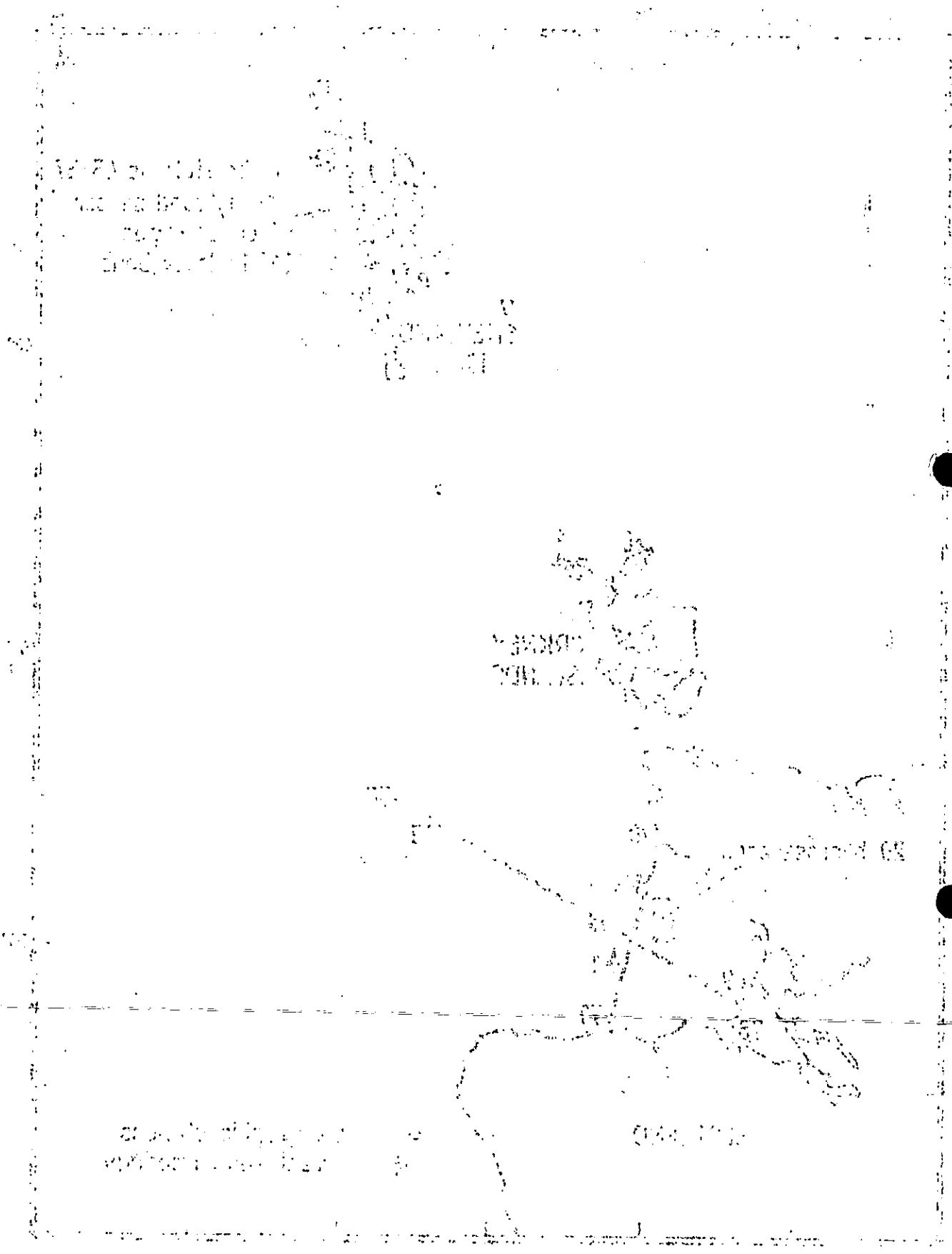

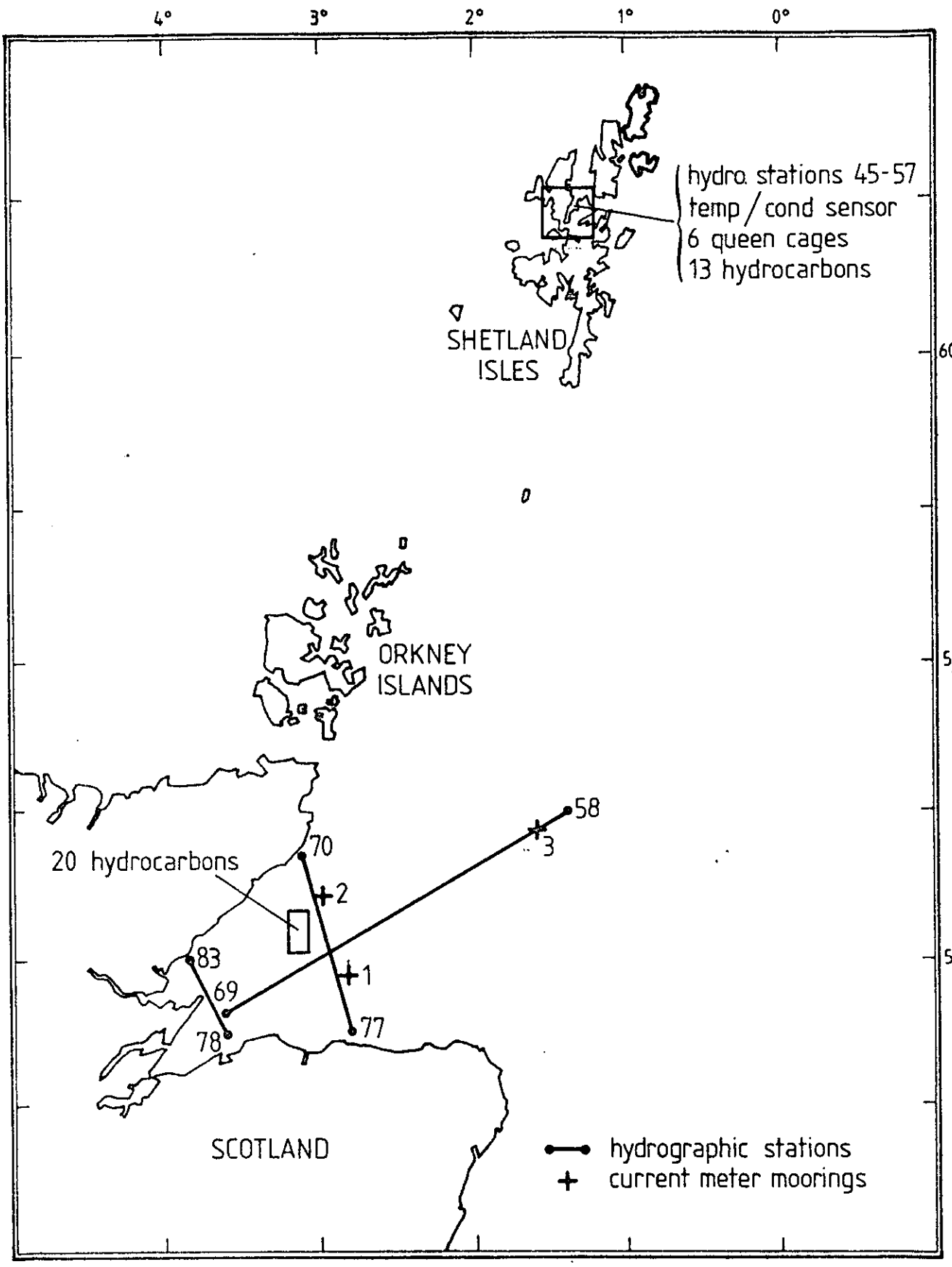

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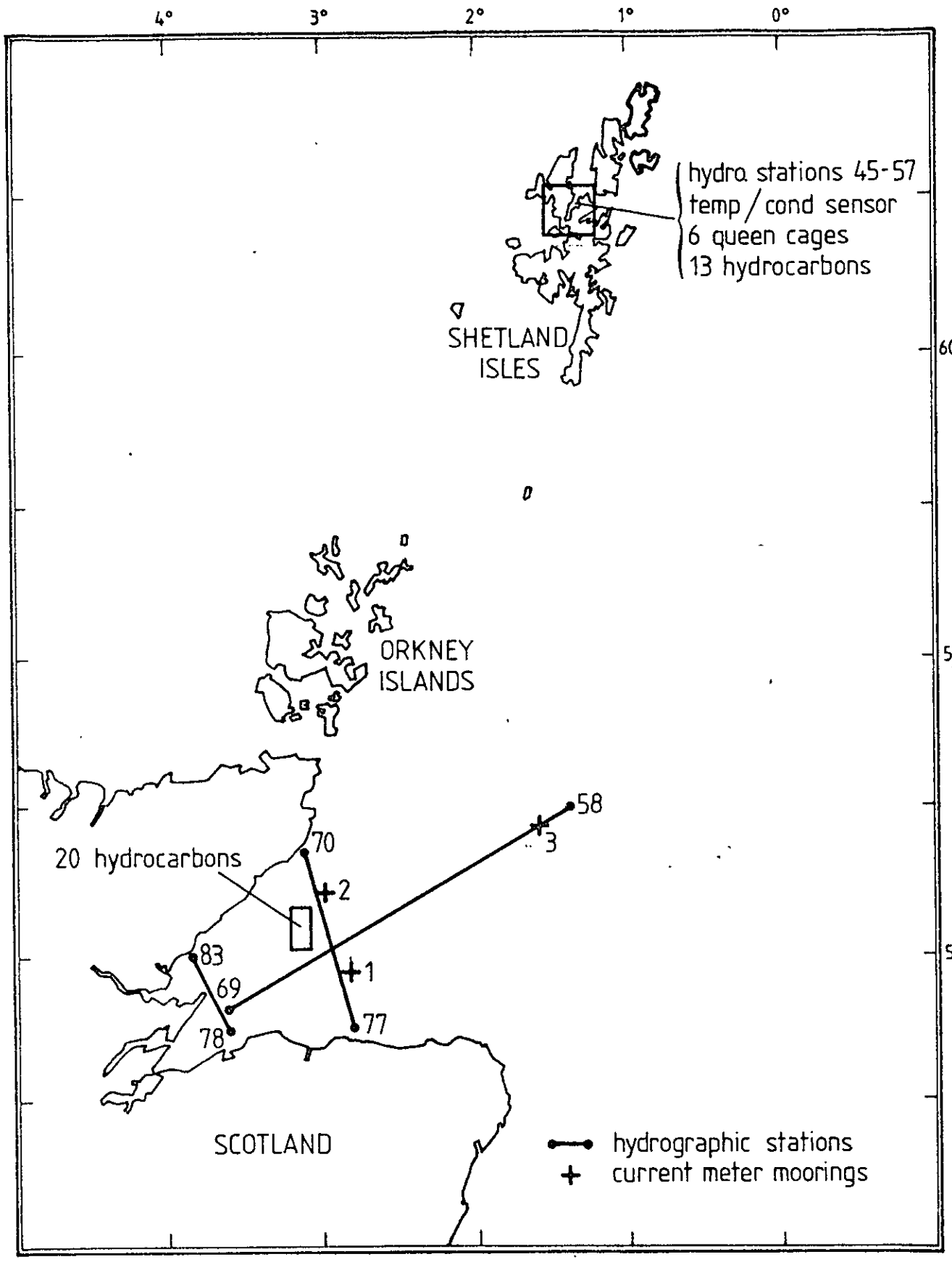

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