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Charter Fishing Vessel Jeannie Stella

Charter Cruise 0794H Part I

## Report

6 April 1994

## Personnel

M R Robertson HSO (in charge)

## Objectives

To further disturb the sediment and associated fauna in a precisely defined area along the west shore of Loch Gareloch using a rock-hopper ground gear with no trawl net attached.

To record tow positions using a GPS navigation system.

**Out turn days per project: 1 Day BGFZ**

## Narrative

"Jeannie Stella" sailed from her mooring in Loch Long at 0700 on the morning of 6 April and proceeded to Gourock to allow the embarkation of the Marine Laboratory staff member. She then sailed for Rhu Narrows in Loch Gareloch, arriving there at approximately 0845. On receiving permission from the Queen's Harbourmaster at RN Faslane, "Jeannie Stella" moved onto station on the west side of the loch and commenced operations at 0900. Tows were carried out all day until 1600 when the vessel left Gareloch and made for Gourock, arriving there at 1630.

## Results

A total of ten, 45 minute trawls were completed during the day, each tow using a 75 m warp with an approximate vessel speed of two knots.

Mud, evidence of epifaunal organisms and pieces of debris were observed on parts of the trawl gear throughout the day indicating some disturbance effect.

The start, mid and end positions of six selected tows were recorded using the vessel's GPS navigation system (see Table 1 and Figure 1). These data will provide accurate positioning information for future sampling cruises.

M R Robertson

26 April 1994

Table 1

**Selected Trawl Positions**

6th May 1994

Haul No	Start	Mid	End
1	56 01.344N 04 48.293W	56 01.985N 04 49.091W	56 02.327N 04 49.426W
2	56 02.356N 04 49.471W	56 01.924N 04 49.061W	56 01.338N 04 48.270W
5	56 01.253N 04 48.215W	56 02.325N 04 48.923W	56 02.325N 04 49.392W
6	56 02.366N 04 49.468W	56 01.949N 04 49.110W	56 01.324N 04 48.307W
9	56 01.330N 04 48.342W	56 01.814N 04 48.934W	56 02.368N 04 49.462W
10	56 02.334N 04 49.456W	56 02.015N 04 49.220W	56 01.427N 04 48.401W

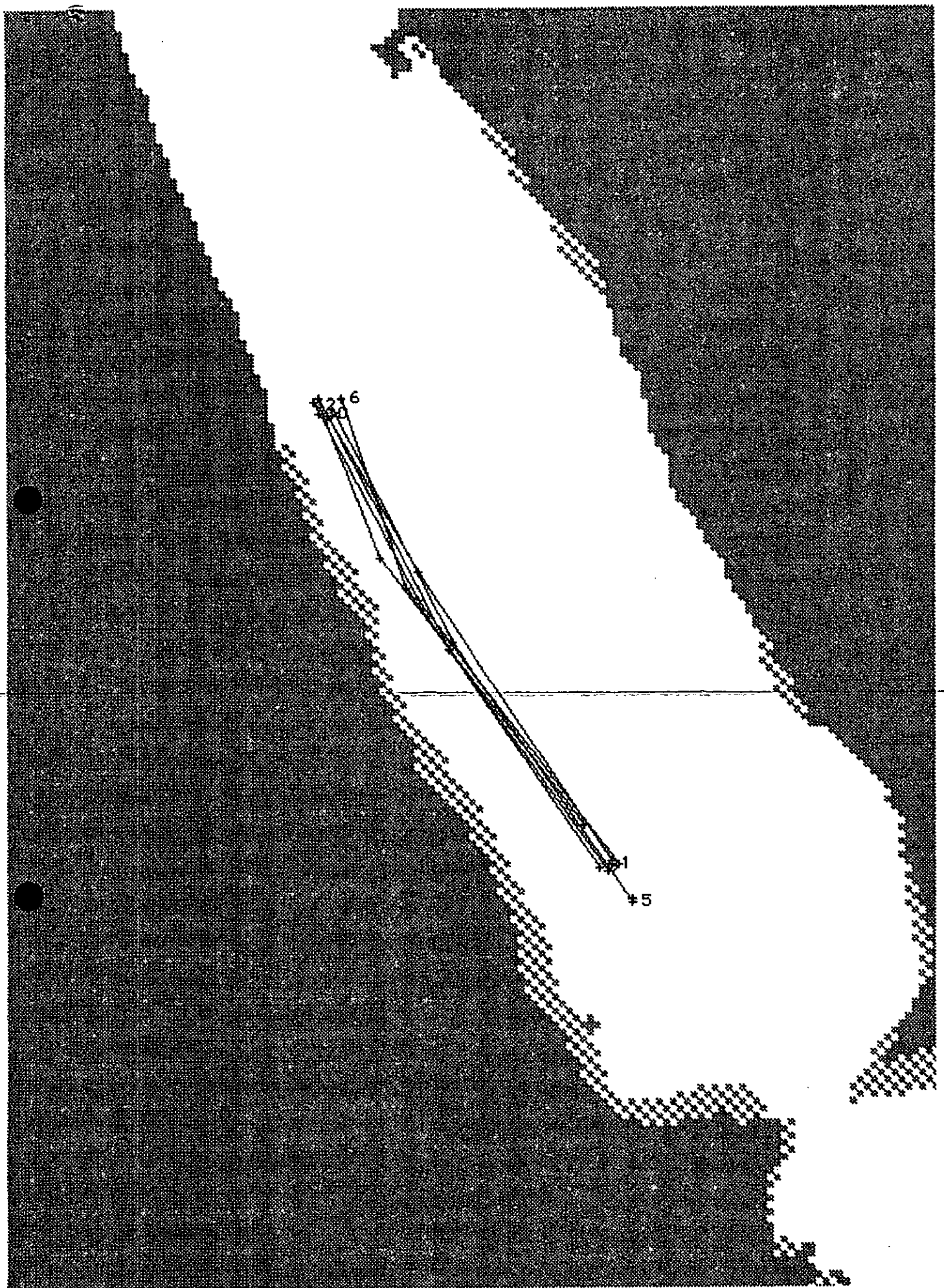


Figure 1