

Date: June 19, 1990
To : EISCAT data representatives
From : Peter Collis
Subject : Common program result tapes

Data from the following experiments have now been analysed and tapes containing results in the standard format will be mailed to you shortly. Plots of system temperature and transmitter peak power during these experiments are enclosed.

(1990)
CP-3-F 21/23 Feb (10 - 16 UT)
UP-1-A (all operations to end of 1989)

CP-1-I 9/10 Apr (10 -16 UT)
CP-2-D 21/22 May (10 -16UT)

Notes

1. CP-3-F, 21/23 February

This was a world day interval. The experiment was interrupted between 2343 UT (22 Feb) and 0050 UT(23 Feb) to allow operation of a Norwegian experiment for support of a planned rocket launch from Andoya. However, the rocket was not launched in this period after all. When CP-3 resumed after the break, the experiment was started immediately without skipping on, so the scans were not synchronised to whole half-hours. The three EISCAT sites were of course synchronised with each other so tristatic results are available. The scanning was reset to whole half-hours following a crowbar about one hour before the experiment ended.

2. CP-2-D 20/22 March.

Tromso results from this experiment have already been mailed to you : the remote site results are included on the present tape. Following the remote site results are the first set of vector velocity results to be distributed in standard format from EISCAT, having been calculated in quasi-real time during the operation of the experiment. Since these results depend on the ability to transfer information between the sites during an experiment, gaps appear if the inter-site communications are lost. Several gaps exist in this set of results. A description of the velocity results format is enclosed.

3. UP-1-A, all operations to end of 1989.

See separate enclosed information. Plots of system temperature are not included because a true background noise estimate is not given by this experiment scheme.

4. CP-1-I, 9/10 April

The start of this experiment was delayed until about 1020 UT due to transmitter problems. No vector velocities were calculated due to communication problems.

5. CP-2-D, 21/22 May.

A world day interval. Both remote sites experienced brief periods when the antennas did not move to their correct positions. No data were recorded at Kiruna between about 0110 and 0200 UT (22nd) due to a power break. This also caused a longer break in the availability of vector velocities, which are included on this tape.