

Date: February 26, 1991
To EISCAT data representatives
From: Peter Collis
Subject: Common programme result tapes

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

(1990)

CP-2-D 20/21 November (1530 - 1600 UT)
CP-1-I 27/28 November (1000 - 1600 UT)
CP-4-A 7/9 December (1700 - 0700 UT)

(1991)

CP-1-I 12/14 February (1500 - 0800 UT)

Notes

1. CP-2-D, 20/21 November, 1990.

Part of the SUPERWAGS Campaign. The start was delayed from the scheduled 10 UT due to a fault in the azimuth drive power supply. The experiment commenced at 1530 UT and data recording started at 1539 UT. Tromsö results are corrupt for about 10 minutes after 1730 UT due to the noise injection having disappeared. The irregular nature of the system temperature for parts of this experiment is also due to a crowbar.

2. CP-1-I, 27/28 November, 1990.

No reported problems.

3. CP-4-A, 7/9 December, 1990.

The format of these results is the same as for the previous results from CP-4- the individual channels were analysed separately, as well as the average of all the channels. The averaged results are the first set in each block of seven and are identified by the frequency code 9325 (a frequency not used in the experiment). A problem in the computer readback of one of the oscillator settings in Kiruna resulted in a value of 7815 being assigned as the frequency code for the fast set of results in each block instead of 9290 as at the other sites, but the results themselves are affected.

4. CP-1-I, 12-14 February 1991.

Two gaps occurred in the Tromsö results from this experiment. The first of these was for about 30 minutes following a crowbar at 0316 UT on 13 February, and the second lasted 03 and 05 UT on 14 February due to computer problems.

This was the second common programme of 1991: the first was a CP-2 run on 11-13 January. This experiment produced a full tape of results which will be mailed with the next batch of result tapes.