Date: August 31, 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 when copies have been made. Plots of system temperature and transmitter peak power during these experiments are enclosed.

(1990)

CP-1-I 05/06 June (1000 - 1600 UT)
CP-1-I 12/13 June (0800 - 1345 UT)
CP-1-I 02/03 July (1016 - 1600 UT)
CP-1-I 30/July/1 Aug (1940 - 0400 UT)

CP-3-F 25/29 June (1500 -2100 UT)

Notes

1. CP-1-I, 5/6 June.
The low resolution power profile results are corrupt for the first 100 minutes of this experiment due to a local oscillator fault. Data are missing between 0006 and 0048 UT due to a transmitter fault.

2. CP-1-I, 12/13 June.
No data were recorded between 0921 and 1030 UT (13th) due to a power break.

3. CP-1-I, 2/3 July
Several brief interruptions (< 10 minutes) occurred during this experiment, due to crowbars. A longer gap including a computer stop, was experienced between 0535 and 0644 UT (3rd July). There was a power break between 1507 and 1539 UT on July 3rd in Kiruna.

4. CP-1-I, 30 July - 1 Aug.
Two significant data gaps were caused by crowbars : 0614 to 0649 UT and 0939 to 1001 UT (both 31st July). It was noted in the experiment log that the heater was being tested at > 7 Mhz after 7 UT on 31.

5. CP-3-F, 25/29 June
A world day interval. Data gaps 0630 to 0650 UT on 26th (power failure), 1436 to 1508 UT on 26th (power failure), 1521 to 1530 UT on 26th (computer restart), 0200 to 0220 UT on 27th (power failure), 2350 (27th) to 0050 UT on 28th (deliberate stop due to advertised interruption from power supply company), 0740 to 0756 UT on 28th (transmitter off). At Kiruna, a small number of additional gaps arose due to power failures and antenna problems, the longest of which was 1431 to 1515 UT on 26th. Sodankyla had no major difficulties until near the end of the experiment when the timing synchronisation was lost between about 1400 and 1715 UT on the 29th. This resulted in the strongest signal being in the wrong gate, with no signal at all in the true signal gate at the extremes of the scans. Velocities should still be reliable for those positions where a signal could be detected, however.