

Date: December 10, 1985
To : EISCAT national data representatives
From : Peter Collis

Enclosed are plots of transmitter power and system temperature for 1985 common program experiments (up to November 20) not already distributed. Please note the following points:

1. The system temperature for CP-3-C 13 UT January 15th to 15 UT January 16th shows a few bad points in each 30 minute scan. These were caused by an error in the analysis and the data from post-integration intervals showing an unrealistic system temperature should not be used.
2. Transmitter power for CP-1-F experiments 28/29 January and 14/15 February was calculated from the high voltage value using insufficient digits, giving a final resolution of about 50 kw.
3. The large increase in system temperature during the night hours of CP-1-F 29/30 October is still a mystery.

I also enclose a list showing the current status of common program analysis at EISCAT. Analysed trisatic data from all 1985 common programs up to 13 November (except CP-3-D from 23/24 April) have now been sent to CNES, together with 10 experiments from the second half of 1984.

Distribution :

A. P. Van Eyken
G. Caudal
I. Häggström
H. Kohl
J. Kangas
N. Björna