December 11, 2004

KST UHF operation memorandum for the December 11, 2004   experiment.

 (Using Netscape might be in trouble on this page.)

Experiment name: tau2pl (CP2)

This SP (CP2) is made to support a rocket launch from Andoya.   All associations have contributed their SP times.

elan files:tau2pl-elan (just use taul2pl series)

Pulse scheme: tau2pl

Start time: 16:00 UT on December 11, 2004

End time: 04:00 UT on December 12, 2004

Participants: Satonori Nozawa, and Takuo Tsuda

Before our experiment: AAEV

After our experiment: nothing

Note: (time in UT)

December 11

　　　　Snowing a bit.   Temperature is -1 deg.

16:01 START

　　　　at EROS4 console (UHF)

　　　　runexp /kst/exp/tau2pl/tau2pl 16:00 cp2 NI

　　　　 (292.9 km is set automatically for tristatic measurements)

16:01 sod runexp /kst/exp/tau2pl/tau2pl 16:00 cp2 NI

　　　　kir runexp /kst/exp/tau2pl/tau2pl 16:00 cp2 NI

16:01 enablerec

16:01 sod enablerec

　　　　kir enablerec

16:04 at matilda

```
cd /home/eiscat/users/yogawa
guisdap_delta –a
     data path = /data/tau2pl_u_cp2_1.10HF_NI@uhf
     result path = /analysis/results/AUTO; 0 0 0 1 1
at another window
   cd /home/eiscat/users/yogawa
   update &
```
http://www.eiscat.uit.no/~eiscat/yogawa/index.html
http://www.eiscat.uit.no/~eiscat/yogawa/index_color.html

16:14 Rx 1419 kW
17:35   CLEAR SKY. Beautiful aurora appear.s
19:00 still X=-1:30

20:47 Cancellation was decided.   It is windy at Andoya.

23:30 relatively good sky

December 12
00:23 HRP
00:26 1444 kW

03:20 HRP
03:21 1444 kW

03:00 cloudy
03:30 snowing

04:00 stopexp (all sites)

Snowing.   -2 degrees.

● AAEV: Aspect angle effects in the velocity of E-region coherent echoes

● A multi-instrument campaign involving EISCAT, CUTLASS (special mode), and STARE. The requested time is overscheduled and cancellation will occur depending on geophysical conditions (moderate to disturbed). The AAEV campaign is coordinated with the CRASE experiment so that if one is cancelled then another one will be run or vice versa. Altogether (AAEV+CRASE) 46 hours are requested while only 34 will be used.