

Command list for the EISCAT data workshop (prepared by Y. Ogawa on Feb. 27, 2010)

data analysis (from ACF to physical parameters)

cd a1/

guisap -a

(open a guisdap setting window)

---- guisdap setting ----

Data path:

/pl09/eiscat/EISCAT/rawdata_KST/2005/20050902_20050930_tau2plu_cp2/20050917_tau2plu_cp2_
sample@uhf/

Start time: 2005 09 17 13 0 0

End time: 2005 09 17 16 0 0

Dsp expr: tau2pl (version 1.0)

Result path: /home/kstdev/a1/AUTO

Integration time: 0

(for scan data)

Disp figures: 0 0 0 1 1

Special:

(for a1-a14)

%fit_altitude=[0 Inf:90 Inf:95 2000;90 95;0 Inf];

(for b1-b14)

fit_altitude=[0 Inf:90 Inf:95 2000;90 95;0 Inf];

make a summary plot

cd /home/kstdev/a1/2005-09-17_tau2pl_ant@uhf/

guisdap

vizu verbose

Data path: /home/kstdev/a1/2005-09-17_tau2pl_ant@uhf

Start time: 2005 09 17 13 0 0

End time: 2005 09 17 16 0 0

Altitude scale: 90 300

vizu save test

exit

gs 2005-09-17_tau2pl_test@uhf.eps

make an ascii file

```
cd /home/kstdev/a1/2005-09-17_tau2pl_ant@uhf
guisdap
make_ascii_v5
/home/kstdev/a1/2005-09-17_tau2pl_ant@uhf
header: 1
exit
more 20050917_uhf0_t2pl_0000.ext
```

```
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make conductivity data
-----
```

```
cd /home/kstdev/a1/2005-09-17_tau2pl_ant@uhf
guisdap
cal_sigma_v3
/home/kstdev/a1/2005-09-17_tau2pl_ant@uhf
save plots: 1
save all data: 1
exit
gs 20050917_uhf0_t2pl_0000_sigma.eps
more 20050917_uhf0_t2pl_0000_sigma.ext
more 20050917_uhf0_t2pl_0000_sigma_allalt.ext
```

```
-----
make 3D velocity data
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```

```
cd /home/kstdev/data
ls
guisdap
vel_wrapper('cp2t',{'2005-09-17_tau2pl_ant@uhf'});
vel_wrapper('cp2kst',{'2005-09-17_tau2pl_ant@kir','2005-09-17_tau2pl_ant@sod','2005-09-17_tau2p
l_ant@uhf'});
exit
```

```
gs 2005-09-17_tau2pl_vecvel@uhf.eps
more 2005-09-17_tau2pl_vecvel@uhf.ext
```

```
gs 2005-09-17_tau2pl_vecvel@esa.eps
more 2005-09-17_tau2pl_vecvel@esa.ext
```