TCS Restart Procedures

In the following sections I will describe three procedures to restart the TCS with increasing interference with the system. Therefore, it is expected to go through them until the error disappears. The simplest measure is often sufficient.

For SIMBA observations, please interrupt the data transfer processes on MUSCA. Just login to MUSCA as rlemke and type ./boloCleanup before and ./boloStartup after the restart of the TCS.

0.0.1 Restart the TCS on ANTLIA

- If the TCS display is running on VELA, move the pointer to that window and end it by hitting CTRL+C to get the shell prompt.
- Otherwise click on the TCS button and login as **tcs**.
- Now type the following commands:

```
StopTCS
StartTCS
display
```

0.0.2 Reboot ANTLIA and Restart the TCS on ANTLIA

- Go to the pedestal.
- Hit CTRL+ALT+DEL on the **black** keyboard of ANTLIA to reboot the PC. You may monitor the boot process on the **black** screen on top of the TCS rack.
- Go back to the control room.
- Click on the TCS button on VELA.
- Login as **tcs**.
- Type the following commands:

```
StartTCS
display
```

0.0.3 Complete Reboot of PYXIS and ANTLIA

- Park the telescope.
- Turn the brake key to **local**.
- Go to the pedestal.
- Turn the key to **local**.
- Hit CTRL+ALT+DEL on the **black** keyboard of ANTLIA to reboot the PC.
- Wait for the BIOS messages showing the restart of the PC.
- Turn the power switch on PYXIS (VME) off and on.
- Turn the key back to **remote**.
- Go back to the control room.
- Open a terminal window to PYXIS. You may have to open a local shell and telnet to PYXIS and login as **michel** with the password **haaa**.
- Type `startTCS` and wait 15 seconds.
- Close the PYXIS terminal.
- Click on the $\boxed{\text{TCS}}$ button.
- Login as **tcs**.
- Type the following commands:

```
StartTCS
display
```

- Re-initialise the encoders.