Rebooting the Cabin Controller VME

There can be different situations when ANTLIA, PYXIS and/or the Cabin Controller have to be rebooted the hard way and the software reboot did not work and different action plans will apply. It is important to remember to never make shortcuts, and to take it easy! Perform the following actions in the given order step by step. It is possible that a slightly different order may also works once, but then it may not work the next time. In other words, *do it exactly as described below* to get the best results! These instructions are based to those given in Section ”Complete Reboot of PYXIS and ANTLIA”.

Case 1: Somewhat severe problems...

- Park the telescope.
- Turn the brake key to **local**.
- Go to the pedestal.
- Turn the key to **local**.
- Log in as root.
- Type `halt` or `shutdown -t now`.
- Turn the power switch on PYXIS (VME) off.
- Go up to the cabin.
- Turn off the power to the ICCABIN.
- Turn on the power to the ICCABIN.
- Go back to the pedestal.
- Turn on ANTLIA.
- Turn on PYXIS.
- 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.
- Check the system on a pointing source.

Case 2: Panic and Despair !

This means everything is screwed up, nothing is working, and you wish the other turno could take over so you could just leave the mountain.

- Park the telescope.
- Turn the brake key to local.
- Logout from the PEGASUS session ($\boxed{\text{Exit}}$).
- Reboot VELA (eventually this could be skipped, but it doesn't hurt).
- Go to the pedestal.
- Turn the key to **local**.
- Log in as root.
- Type `halt` or `shutdown -t now`.
- Turn the power switch on PYXIS (VME) off.
- Go up to the cabin.
- Turn off the power to the ICCABIN.
- Turn on the power to the ICCABIN.
- Go back to the pedestal.
- Turn on ANTLIA.
- Turn on PYXIS.
- Turn the key back to **remote**.
- Go back to the control room.

- Logon to PEGASUS.
- 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.
- Check the system on a pointing source.