How to restart the sub-reflector control software

These are the steps to reboot the sub-reflector:

1. Try to move the subreflector with [Sub]. If the actual positions do not change, it may be a communication problem on the TCS side. Hit `Ctrl-c` in the TCS window and then type `StopTCS` followed by `StartTCS` and `display`. Try again with [Sub]. If the problem persists, continue with the following steps.

2. Click on [Shell] and select *Location: Iccabin* and click on *Accept*. It is also possible to open a local shell on VELA and telnet to iccabin (`telnet iccabin`).

3. login with user `michel` and the michel password

4. type: `subinit 3`

5. wait for about 2 minutes for the subreflector to be initialized (this can be seen when the 4 offsets in the TCS windows display of the subreflector offsets no longer are moving).

6. Check that the actual positions are close to the commanded positions of the 4 offsets (within 0.01 for the first two values and within 2.00 for the last two).

7. if this doesn't work go back and try step 3 and 4 again.

8. If step 6 didn't solve the problem try:
   `subinit all`

9. wait for 2 minutes (see step 4)

10. `exit`

If this doesn't solve your problem try doing the steps in section ”How to reset ICCABIN and ANTLIA”