

SHOC INSTRUMENT CHANGE NOTES: 74" TELESCOPE - OFF

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Feb 2015:	Piet/Jeran
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PLEASE NOTE: Do not switch off and/or remove the SHOC instrument from the telescope earlier than 09:00 on instrument change day! This is to ensure that the auto data copy process finished copying the data from the SHOC computer to the server, before taking CHOC offline.

WARMROOM:

1. Ensure that **TCS** is locked out by turning the **TCS Lockout** switch on the mimic panel (refer to figure 1) to **ON** state. TCS Control indicator will flash as a warning that the TCS is locked out.



Figure 1: TCS LOCKOUT SWITCH

2. From any computer, open the SHOC web interface at: <http://shoc74in.suth.sao.ac.za:5000>. On the "Camera" tab, switch the camera off.
3. Log into shocnawe (or shocndisbelief) remotely, close all programs and shut down (NB: as from April 2015 the SHOC computers run Linux). To remotely log into a shoc PC on the telescope:
 - a. Open an Xterm. Type: `ssh ccd@shocnawe.suth.sao.ac.za` – standard password for user ccd....
 - b. type the following: `sudo shutdown -h now`
 - c. For more info see http://topswiki.sao.ac.za/index.php/SHOC#Technician.27s_Troubleshooting_guide

TELESCOPE:

1. Ensure Shoc PC is switched off (in front behind black tape)
2. Switch off power to PC crate and disconnect telescope mains (kettle plug lead).
3. On Andor Camera Unit, disconnect: PSU cable, Shoc PC cable & GPS Ext Trig cable
4. Disconnect Network from PC crate
5. Disconnect GPS Antenna from PC crate
6. Disconnect Filter Controller USB cable from PC crate
7. Disconnect filters from Filter Wheel Controller

8. Remove Shoc PC Crate from Telescope
9. Remove Andor Camera Unit from Telescope
10. Remove the filter controller box from Telescope

IN WARM ROOM:

NB!!! Ensure that **TCS Lockout** switch on the mimic panel is set to **OFF** state. TCS Control indicator will stop flashing.

Further information and user manuals (for trouble shooting) can be found at:

<http://shoc.sao.ac.za/Documentation.html>

or

<http://topswiki.sao.ac.za/index.php/SHOC>