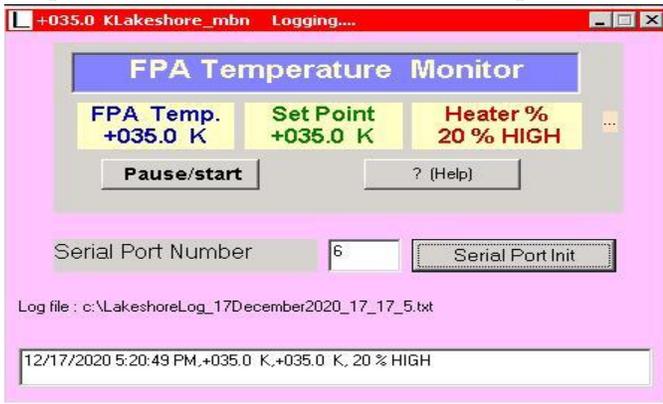


TIRCAM2 OPERATIONAL MANUAL

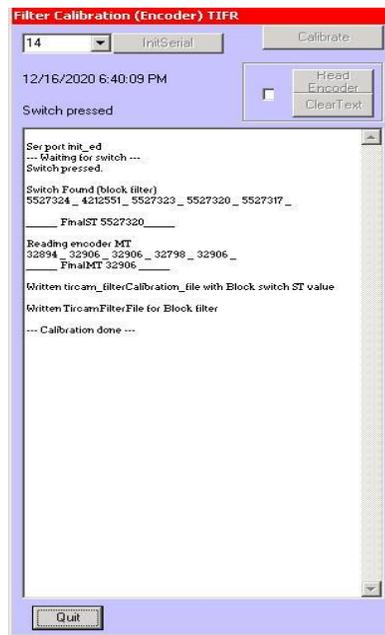
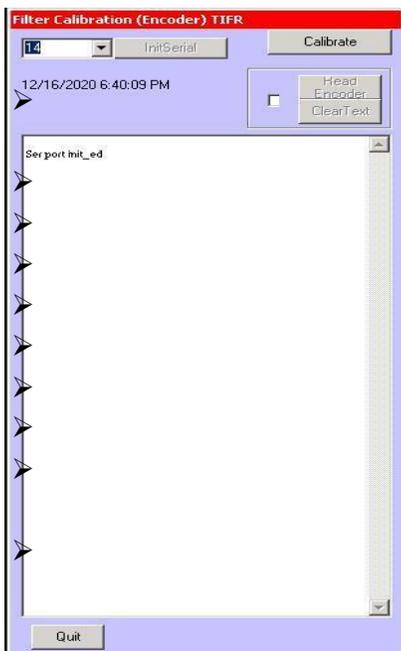
- Startup the telescope as per procedure.
- Home all 6 axis (main axis and guider axis).
 - Select **side part -1** in telescope.
 - Select pointing model **TANSPECJAN12** and also check it in data panel (pointing model) that it is loaded or not.
 - Set offset 45 arcsec in RA and 125 arcsec in DEC.
 - Set focus at 18500. You may change this value as per image quality or if needed.
 - Open remote desktop in Tircam2 laptop.
 - Feed TIRCAM pc ip **192.168.0.3** - click connect.
 - Username - **tircam** password - **tircam**
 - Open Lakeshore software. Make sure temp is **35k** don't turn on camera if temperature is above **50k**.



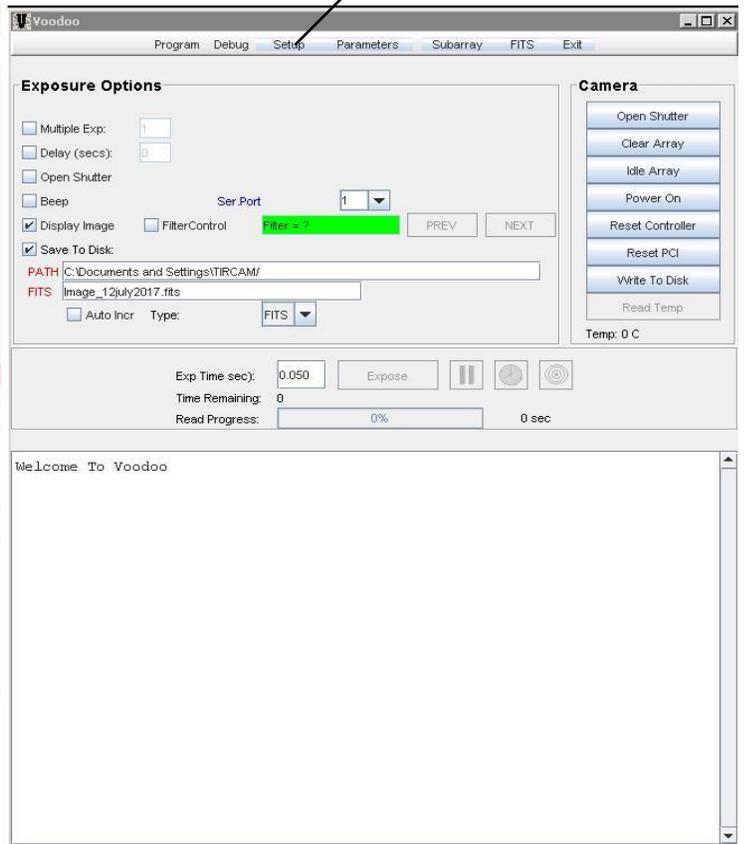
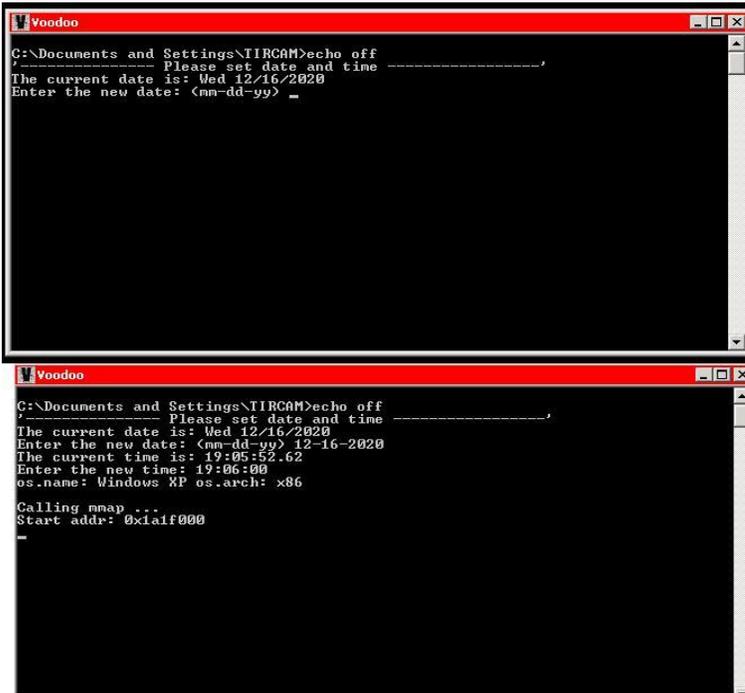
- Double click on filter calibration icon.



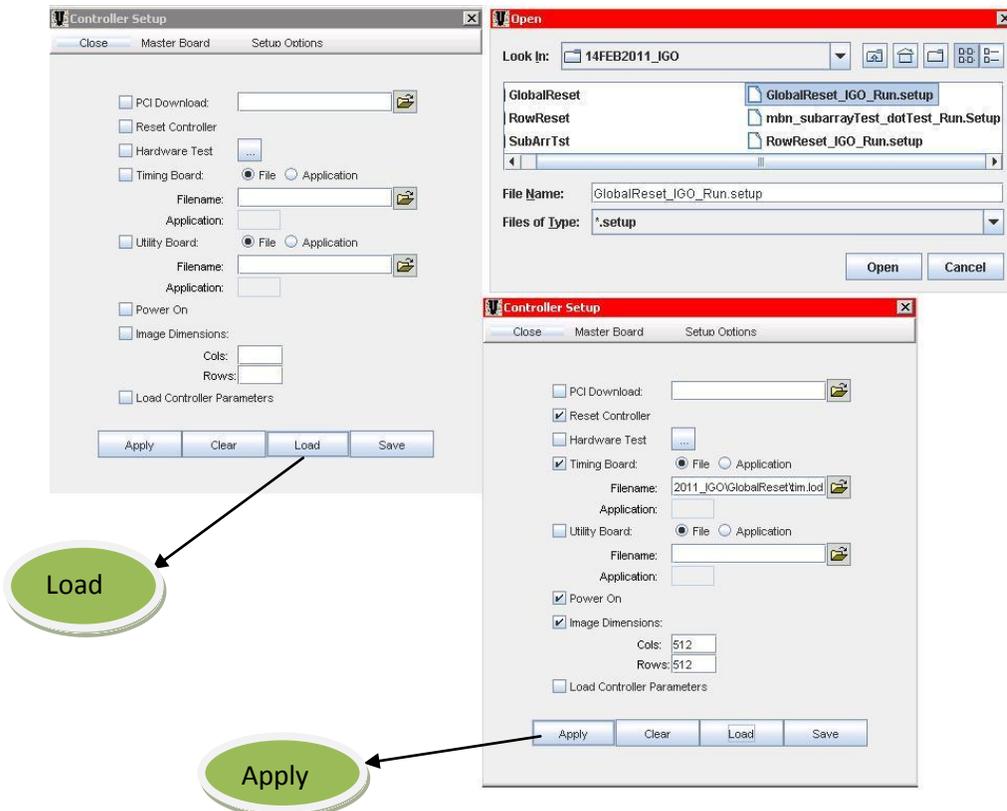
- Select **port-14**, then click on **intserial**, then **calibrate**. Then **quit**.



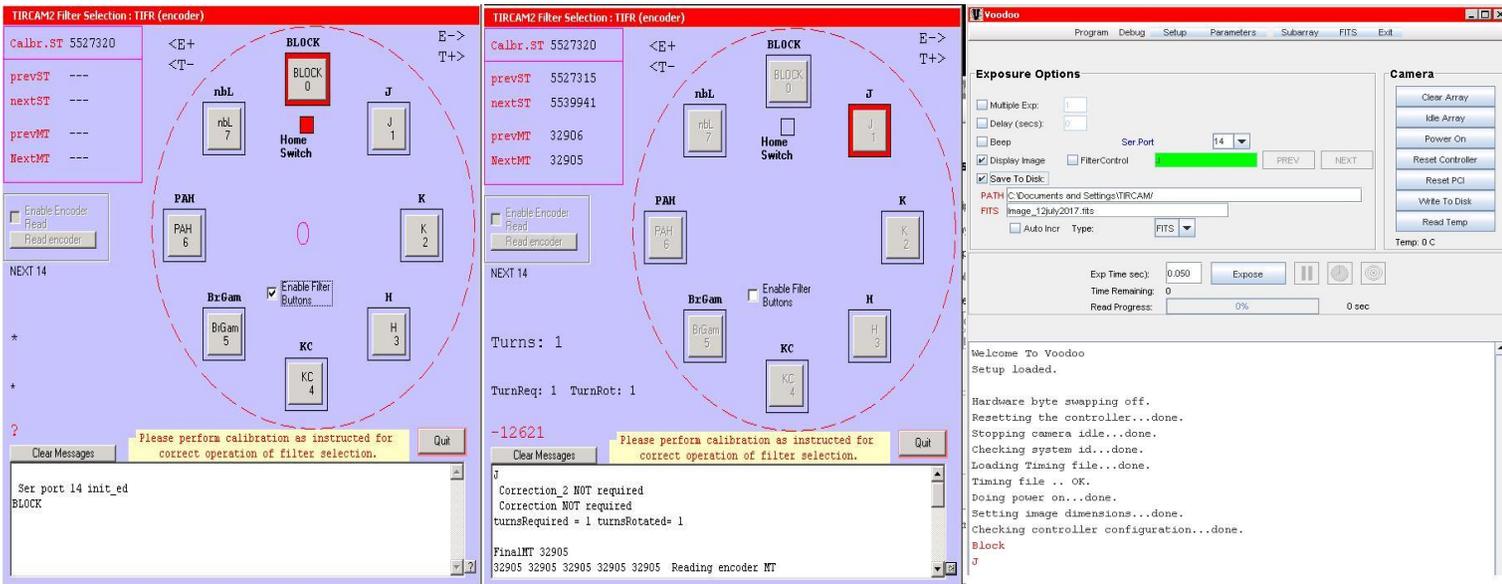
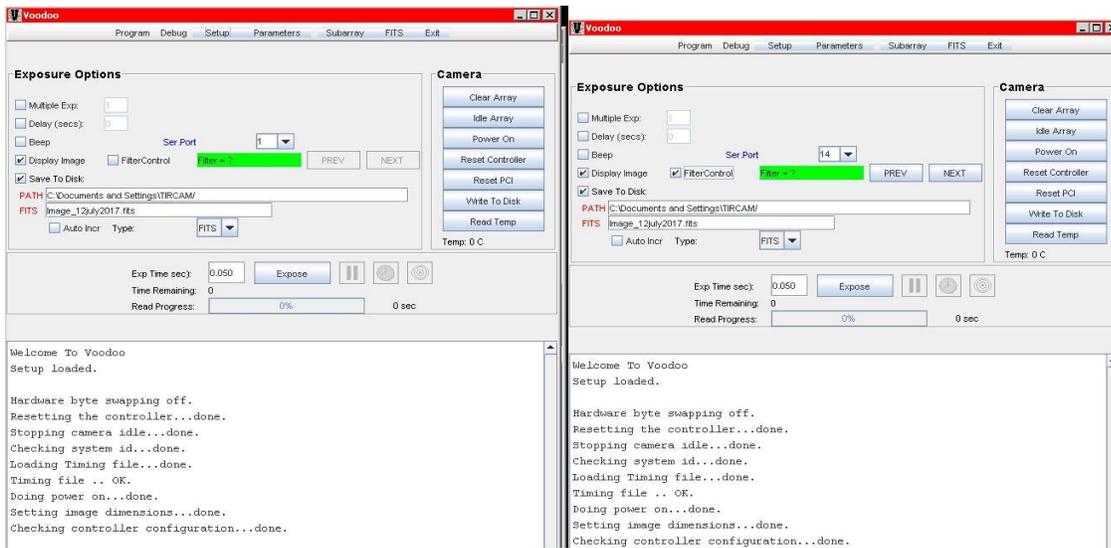
- Click on the VOODOO icon in the taskbar of the laptop.
- Enter the **current time and date** in the command prompt.



- click on setup of voodoo then click load button, go to D drive, select Global reset file in **14feb2011IGO** folder and click on Apply.



- Tick the filter control check box in voodoo screen.
- Click on **the prev / next** button.
- Popup will open then click **ok**.
- New filter screen open.
- Check on **enable filter button**
- Click on desired filter by click on that filter icon
- Wait until red square not come above you desired filter
- Then click on quit
- But in VODOO screen the filter position will not change(software issue)
- So Click once again on next button on filter
- Once again new filter screen will open wait for the update of filter to your desired filter in VODOO software(it is shown in VODOO message box) once it will update
- Quit new filter screen
- Current filter show.



- set the folder path in voodoo screen
- click the winnc icon in the taskbar
- click continue trial-select 'E drive' - select dot_2020 folder-create current date folder-click open
- Copy path of that folder by clicking on red bar(at the top) where path of the current folder is showing
- Paste that path in VODOO software where we have to give a path
- Set fits file name in voodoo screen- filename _filter name _number of exposers.fits.
- Check(✓) - multiple exp
- Check - auto increment

After giving the exposure time, click on the expose button.

