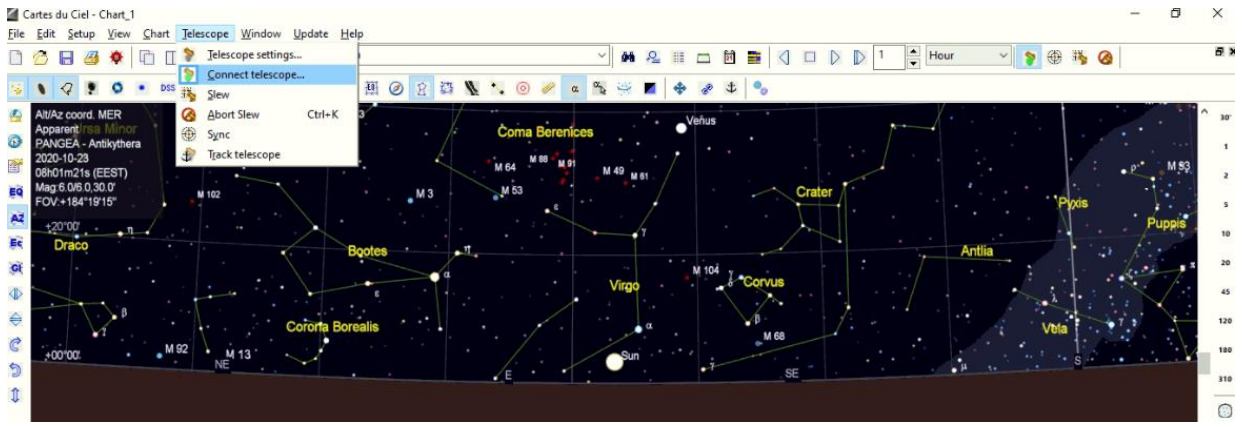
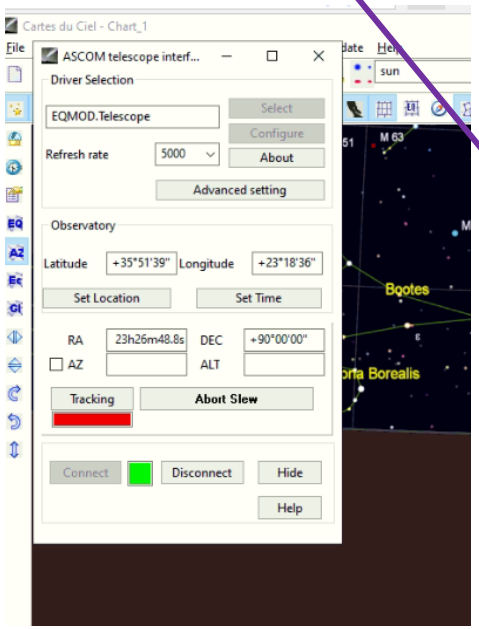
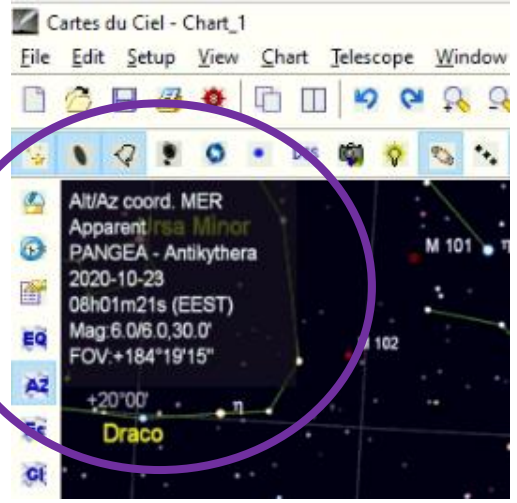
# SolPol Data Sequence

- Open **CartesduCeil.exe**, make sure on the top left corner it writes “PANGEA-Antikythera”
- Grey ribbon tab → **Telescope** → **Connect Telescope**, pops up ASCOM tab

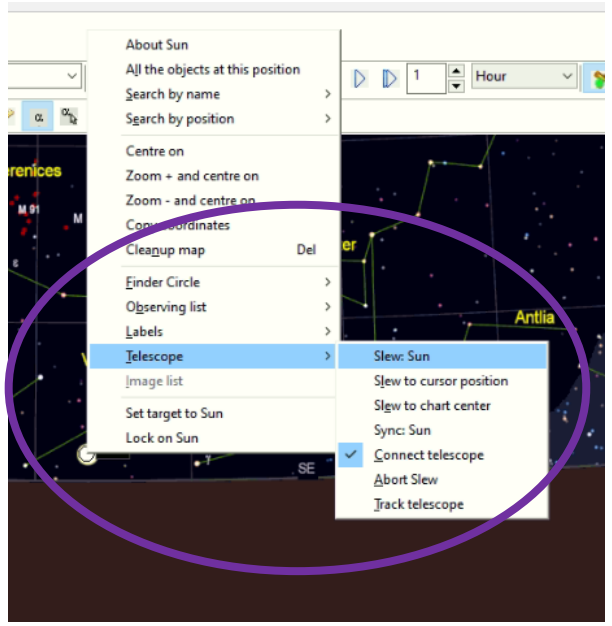



- **ASCOM tab** → Press Connect (already pressed in image)


- **EQmod** telescope tab pops → Parked sign on → press **Unpark** (mount unlocks)
- In CartesduCeil search tab insert **Sun** and find Sun in planetarium → right click in Sun’s position → select Telescope, **Slew: Sun**

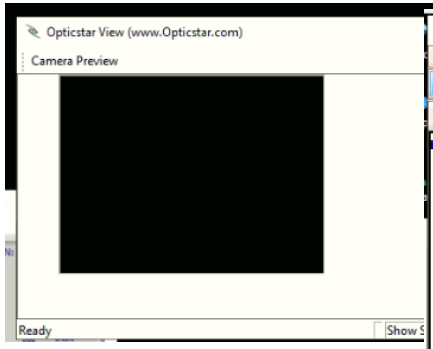


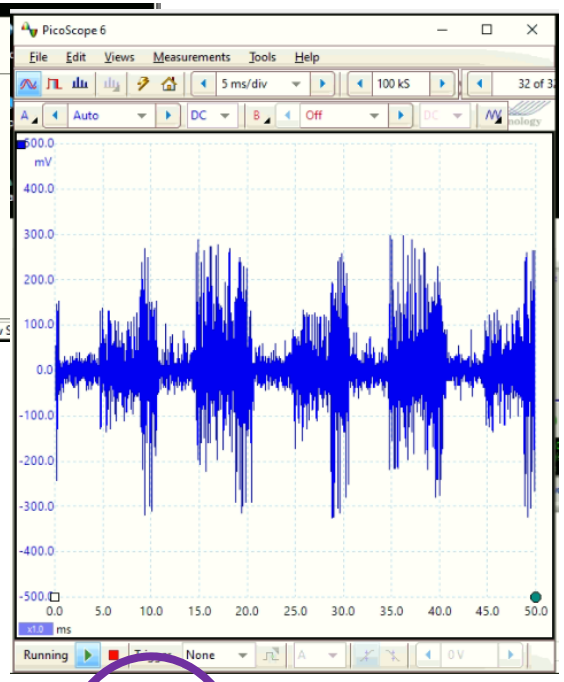

**Tracker starts moving towards Sun, beware of jammed cables**

- Mount tracks sun → press track rate “**Solar**”

- Open **PicoScope6,** similar reading as in the image
- Open **Opticstar View**, Sun might not appear immediately on screen

- Adjust Sun's position to the point where the signal in Picoscope is maximized → EQmod tab press **N-S / W-E** buttons for tracker to move

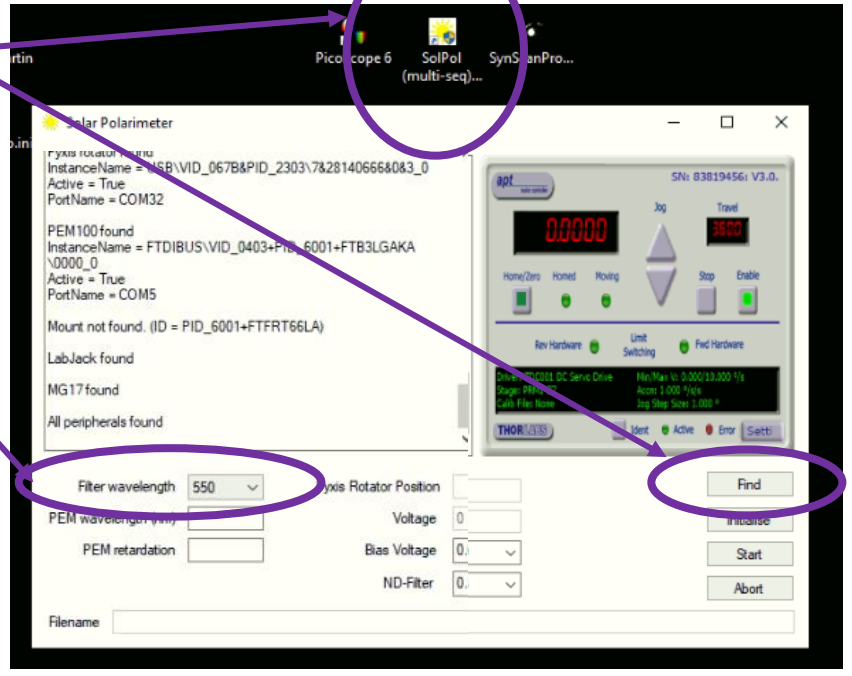




**Depending on the Sun's position it will appear in a different place on the camera panel**

make sure on large tracking durations that the Sun remains on the same spot in the screen (this means good polar alignment is done)

- Open **SolPol.exe**, press **Find** to find all the instrument components, wait until indication "All peripherals found" appears in the SolPol screen

- Choose Filter wavelength **550nm** if not already checked



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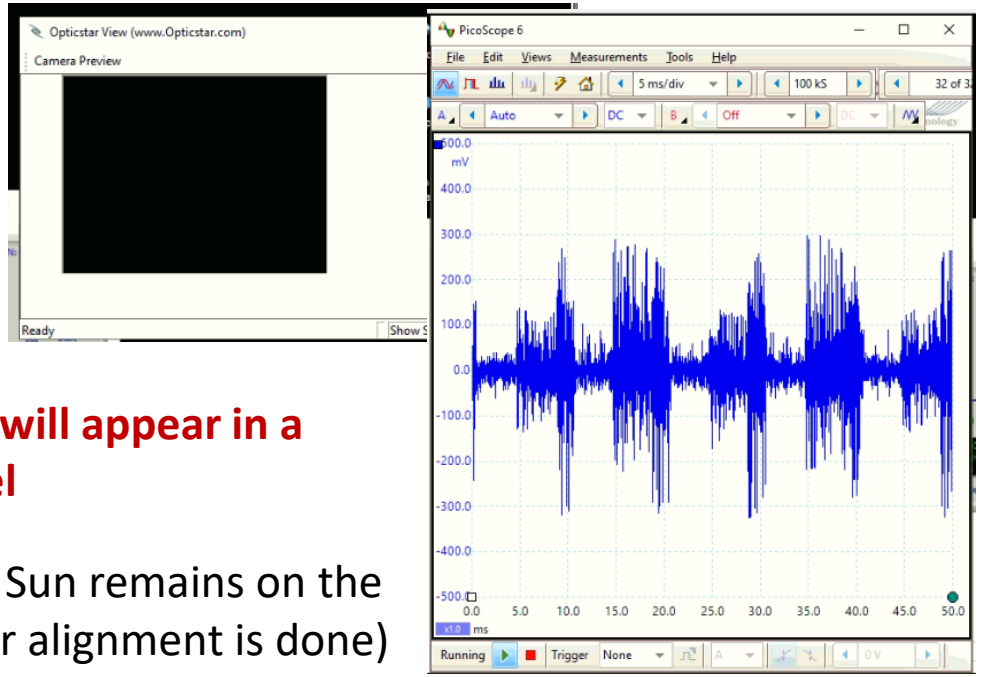



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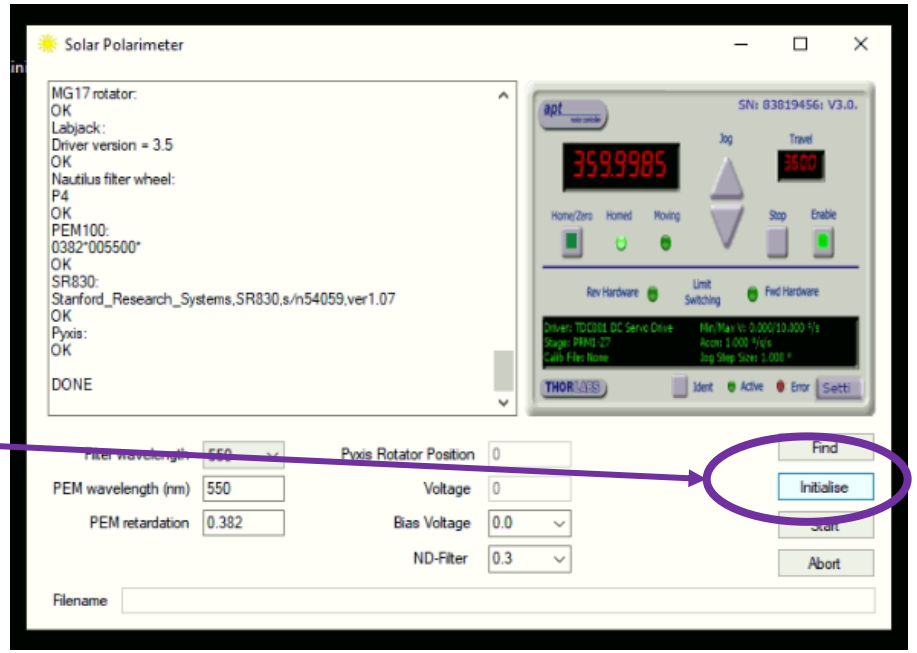
make sure on large tracking durations that the Sun remains on the same spot in the screen (this means good polar alignment is done)

- Open **SolPol.exe**, press **Find** to find all the instrument components, wait until indication "All peripherals found" appears in the SolPol screen

- Choose Filter wavelength **550nm** if not already checked (*listen to filter wheel turning sound*)

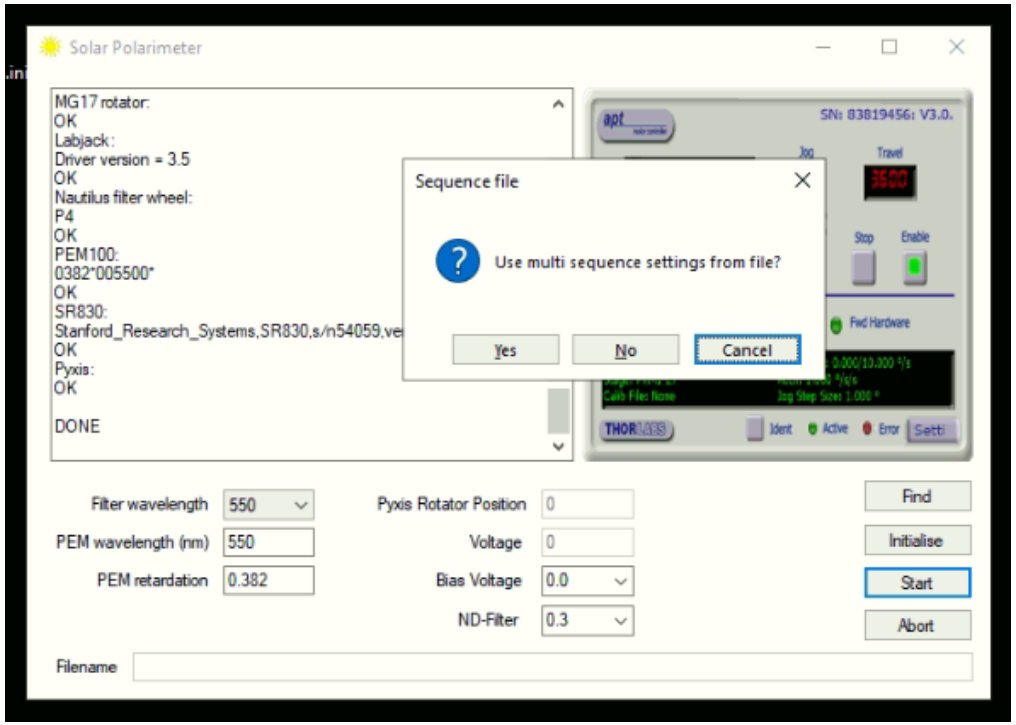
- Press **Initialize** to give initial parameters to instrument components (listen to filter wheel , wait until **DONE** appears (*listen to polarizer turning sound*)

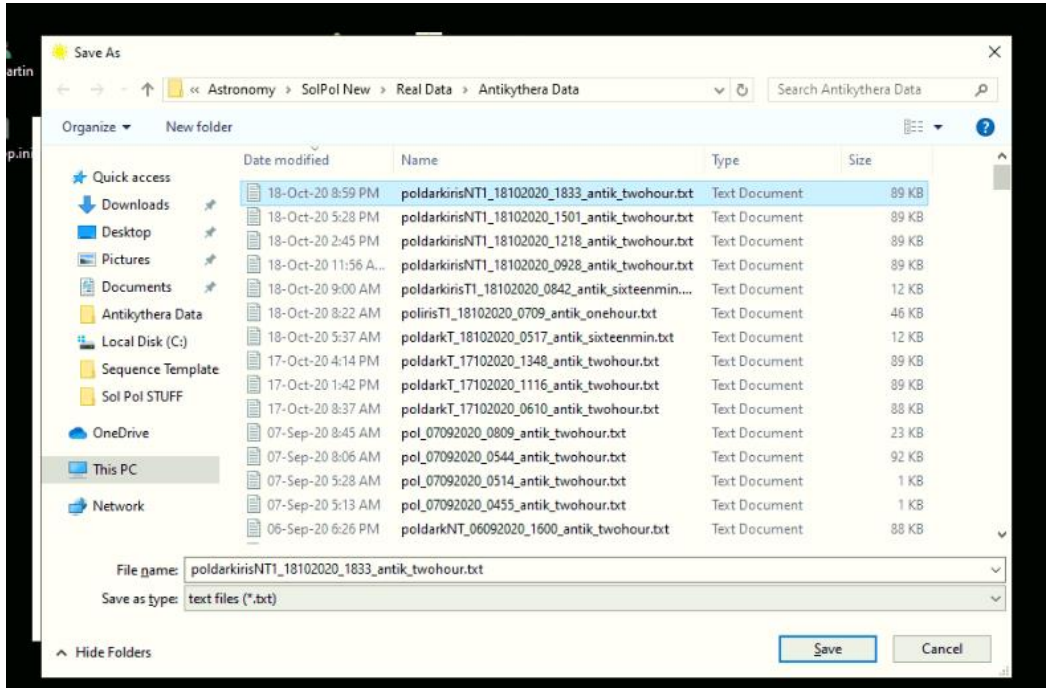
**READY**



- Begin measurement sequence, press **Start** in SolPol.exe, filename window pops up

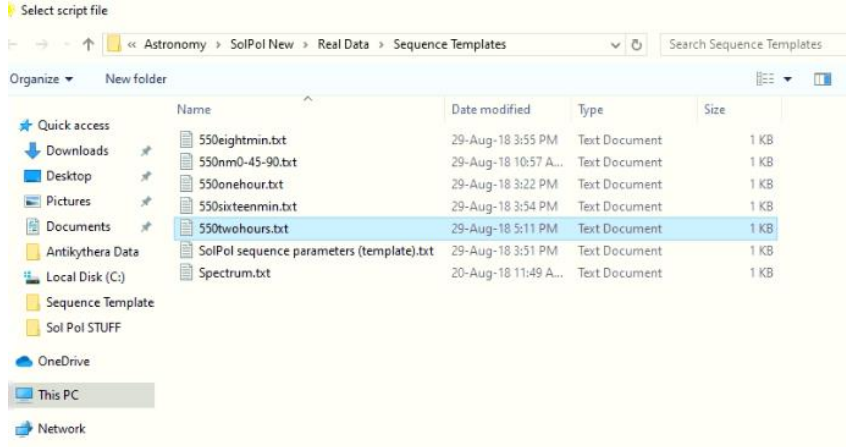
- Name file as in example: if dark → **poldark_**, if normal measurement → **pol_**
  as time insert the exact laptop time
- Press **Save**




- Sequence file pops up
- Press **Yes** → choose appropriate sequence file from:

e.g. **550twohours.txt**




Press **Open &** **you're good to go**