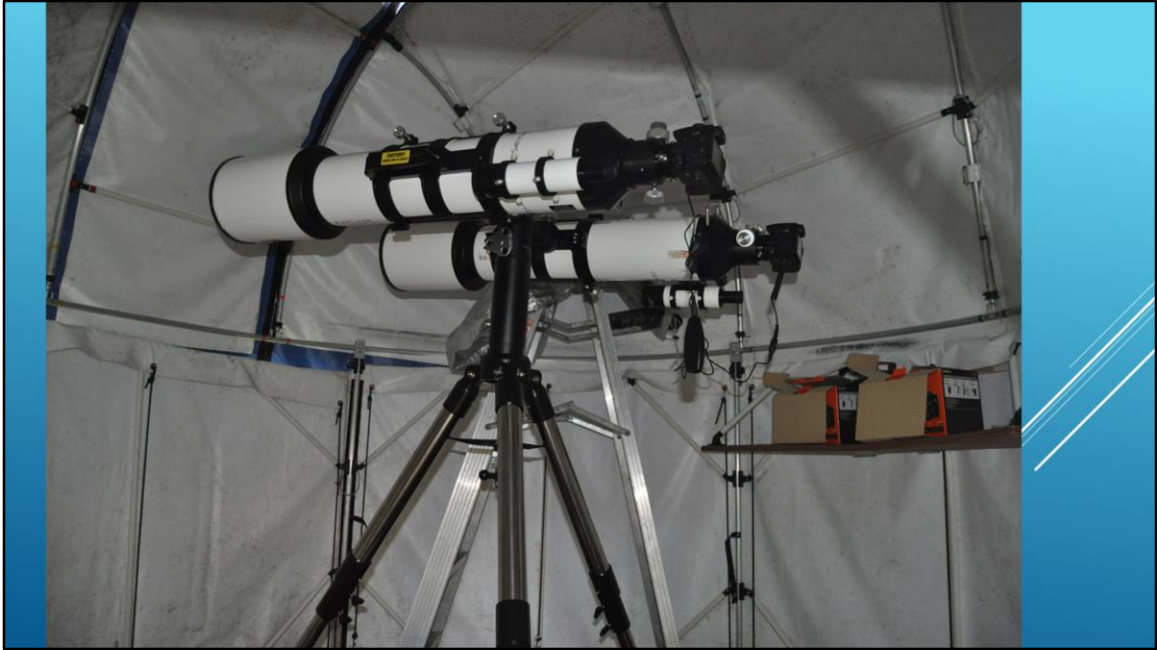


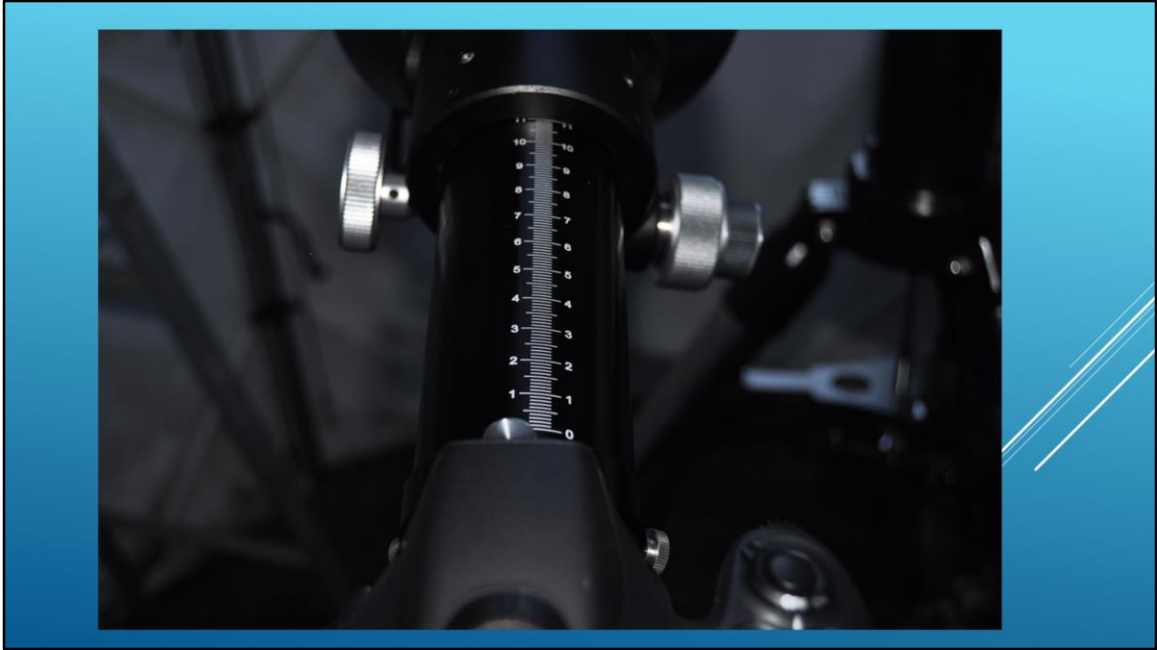
SANTILLI REFRACTOR

Preliminary Report

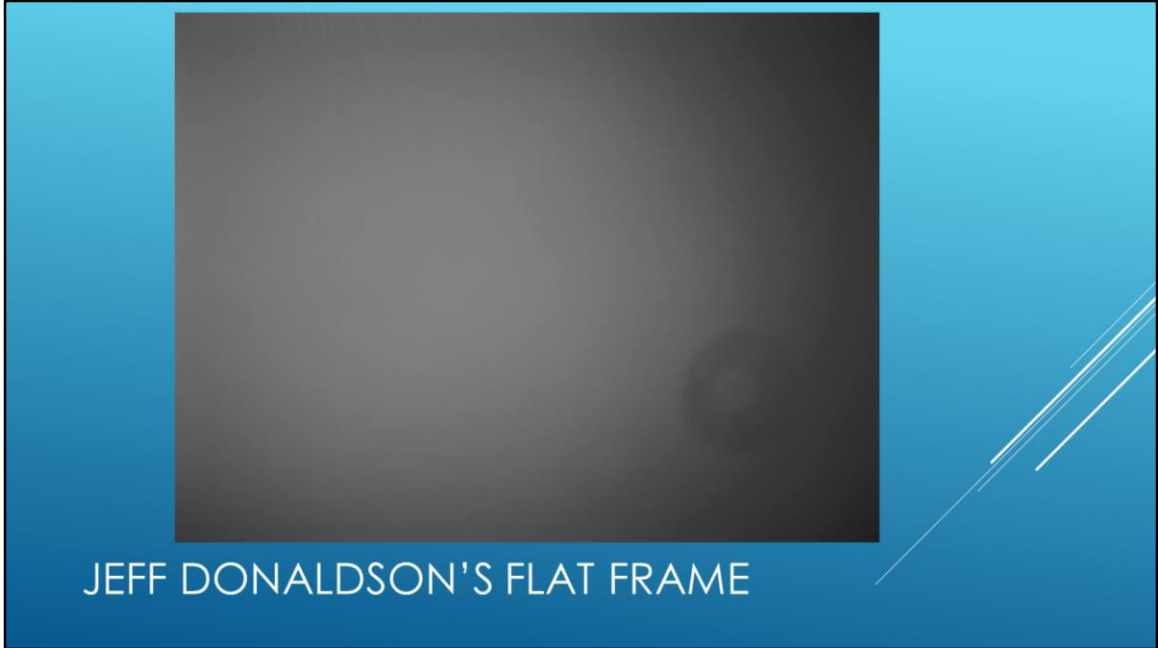
Kyle Brinkman



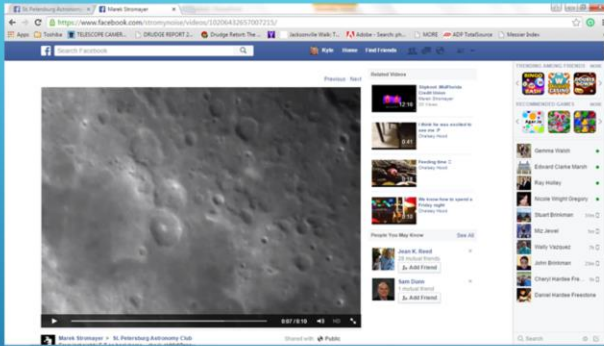
A 152mm Galilean Refractor in parallel with an equivalent Santilli Refractor. Both with identical Sony 20MP cameras. Tripod is set on vibration pads on deck foundation stones. The telescopes are protected in an observatory.



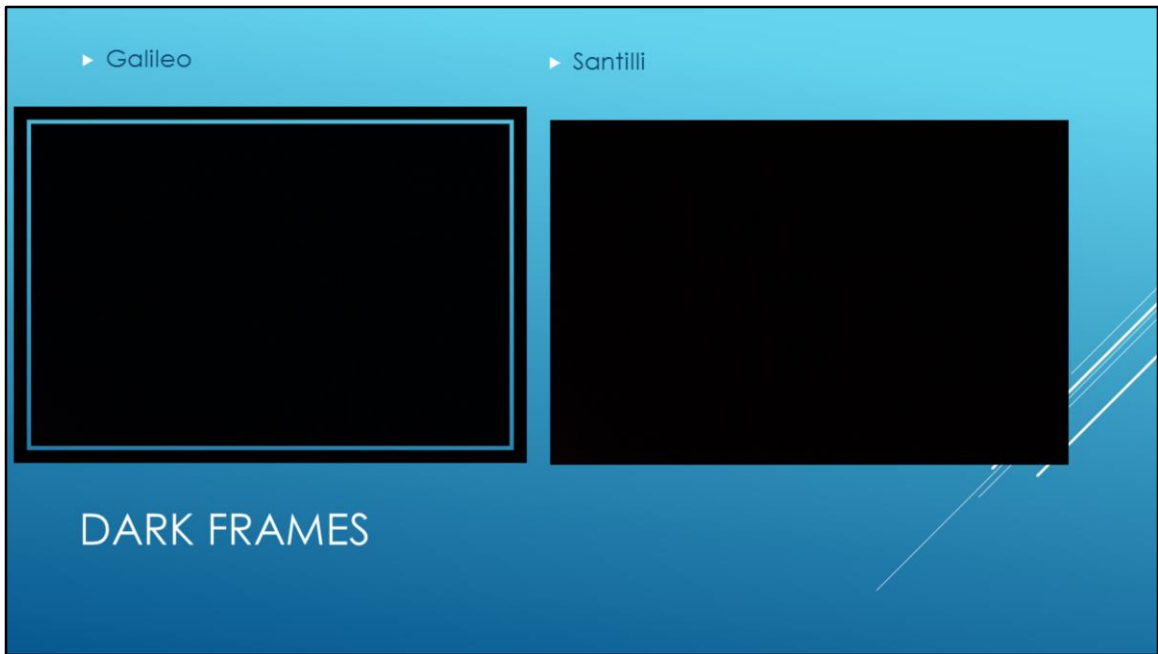
Focussing is accomplished by focusing the Galilean scope visually and using the equivalent distance on the Santilli scope. 8.5mm was determined to be optimal.



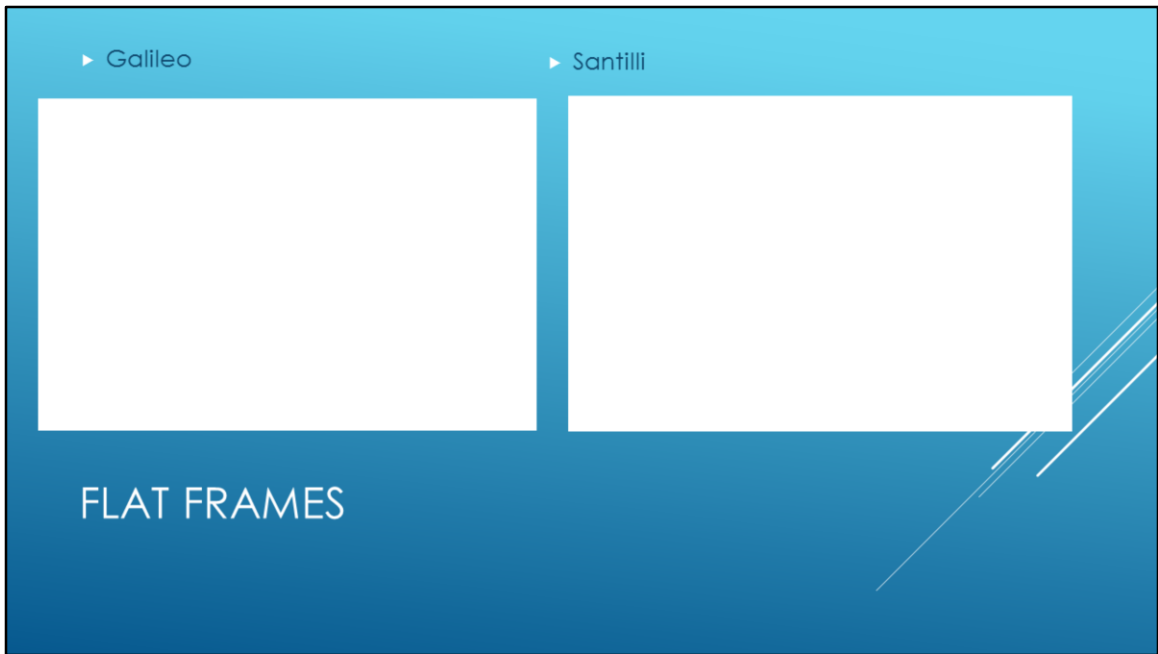
Jeff posted this on Facebook last week. There is a shape in the lower right resembling an orb. These things happen and that is why we do flat frames and dark frames.



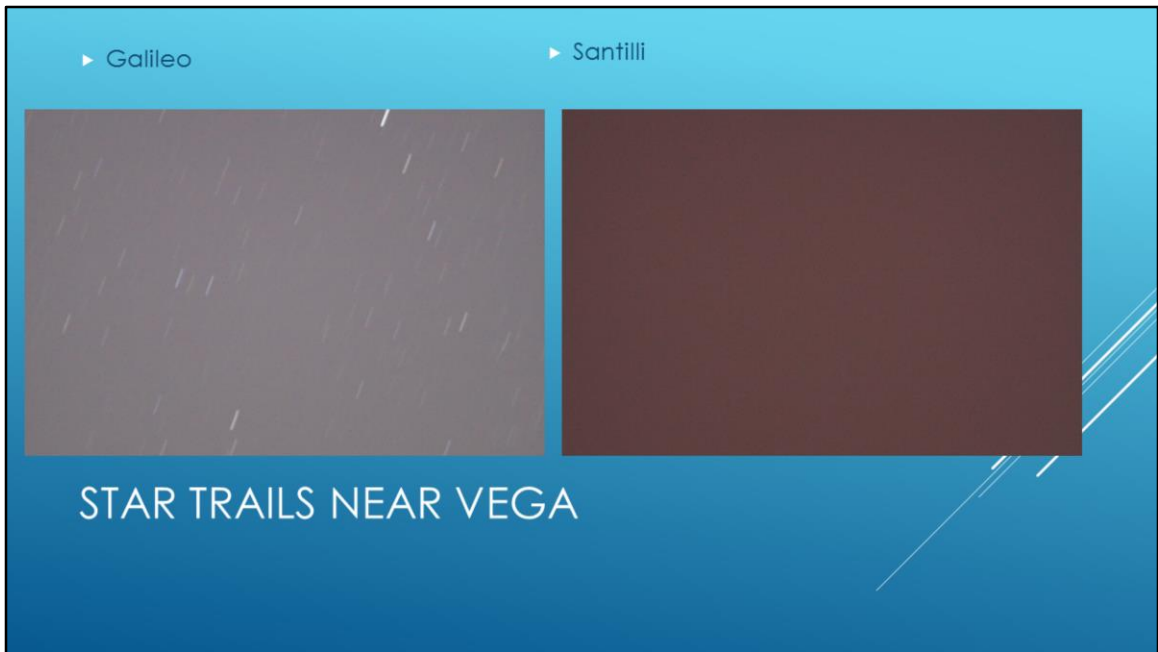
MOON SEPTEMBER 20 – MARK STROMYER
[HTTPS://WWW.FACEBOOK.COM/STROMYNOISE/VIDEOS/10206432657007215/](https://www.facebook.com/stromynoise/videos/10206432657007215/)



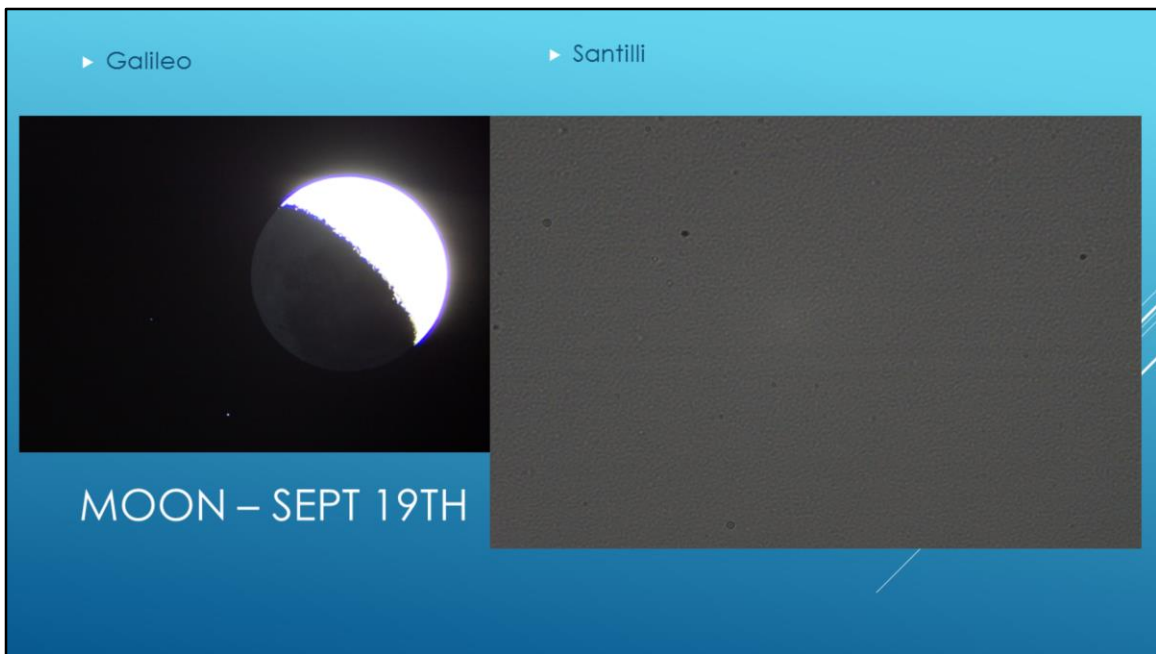
Dark frames were taken with both cameras. Both cameras showed hot pixels.



Flat frames were taken with both cameras in the observatory using the white surface of the dome to provide even lighting.

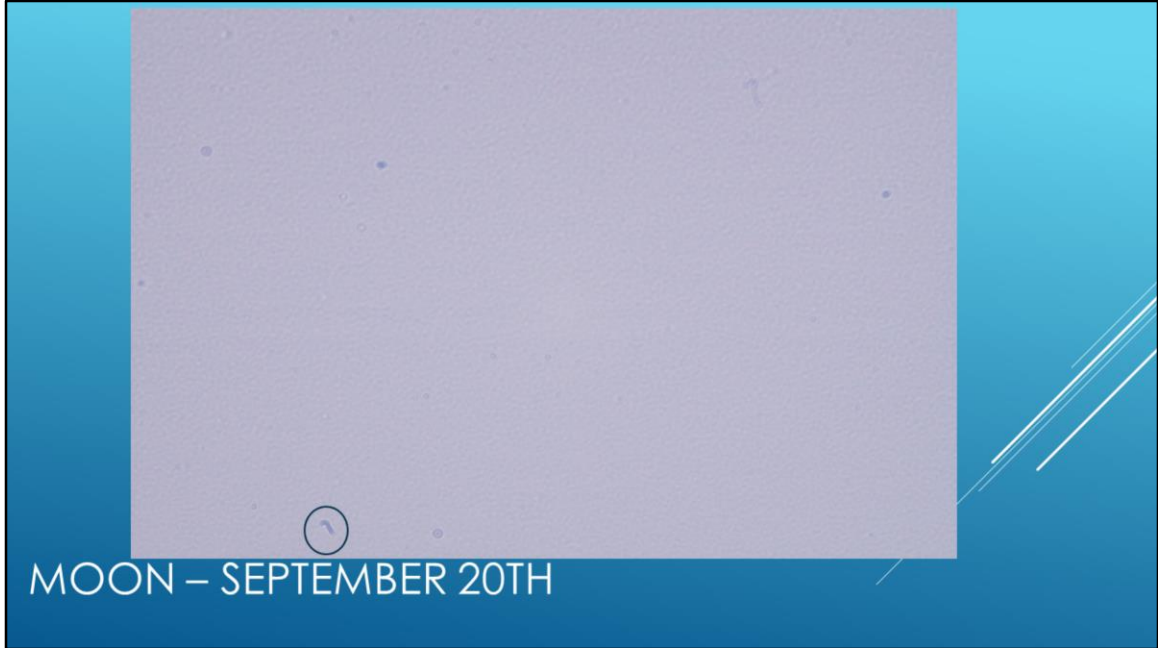


Star trails are seen as expected in the Galilean scope. So far I have been unable to verify the dark star trails. I have 2 weeks left in my trials and hope to collect plenty of data. I have 200 plus frames to review so far and have not seen them all.

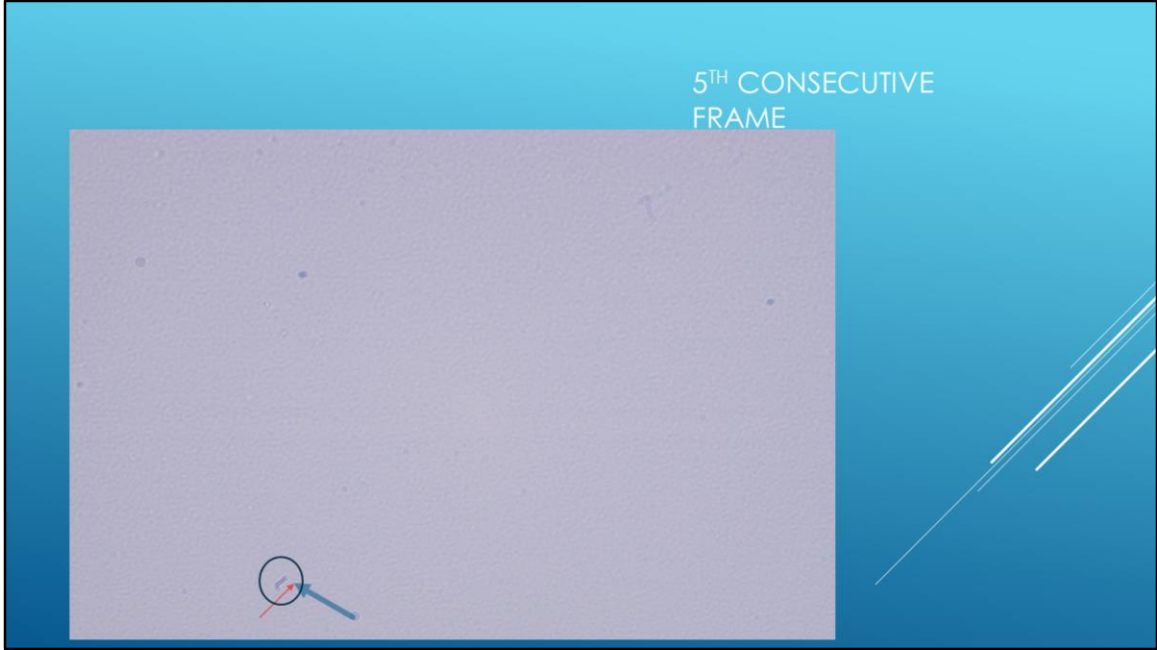


I took 8 frames of the moon using the Santilli scope. There were orbs found in each frame. There was no star trail. These were 0.8 second frames and too short to make trails. This leads to some initial excitement.

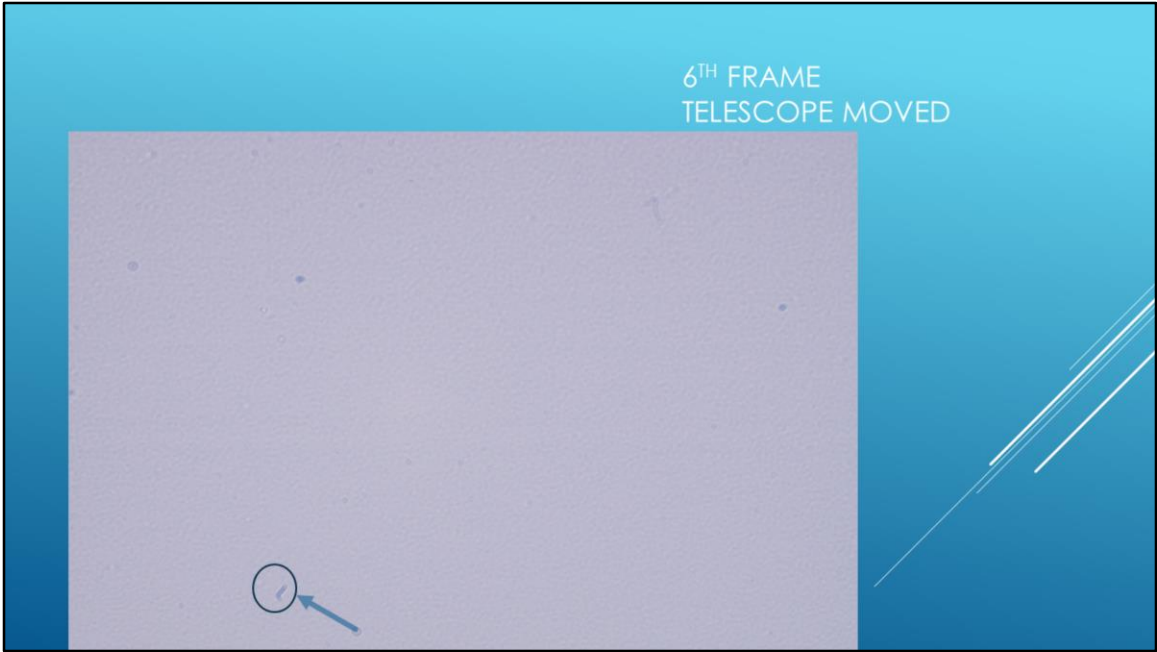
The Santilli telescope cant focus the moon.



The initial finding of orbs was exciting. I repeated the experiment the next day with a series of 20 exposures. 5 were taken and then the telescopes were moved slightly. The orbs seen on the 19th were in the same parts of the frame and stayed there no matter how I moved the scope. Therefore, these orbs are part of the telescope optics. There was one new object. It moved in relationship to the orbs and when the telescope was adjusted. This does not appear to be part of the telescope.



After 5 shots at 0.8 seconds each it had moved from its initial location. The blue arrow is the same in each next slide.



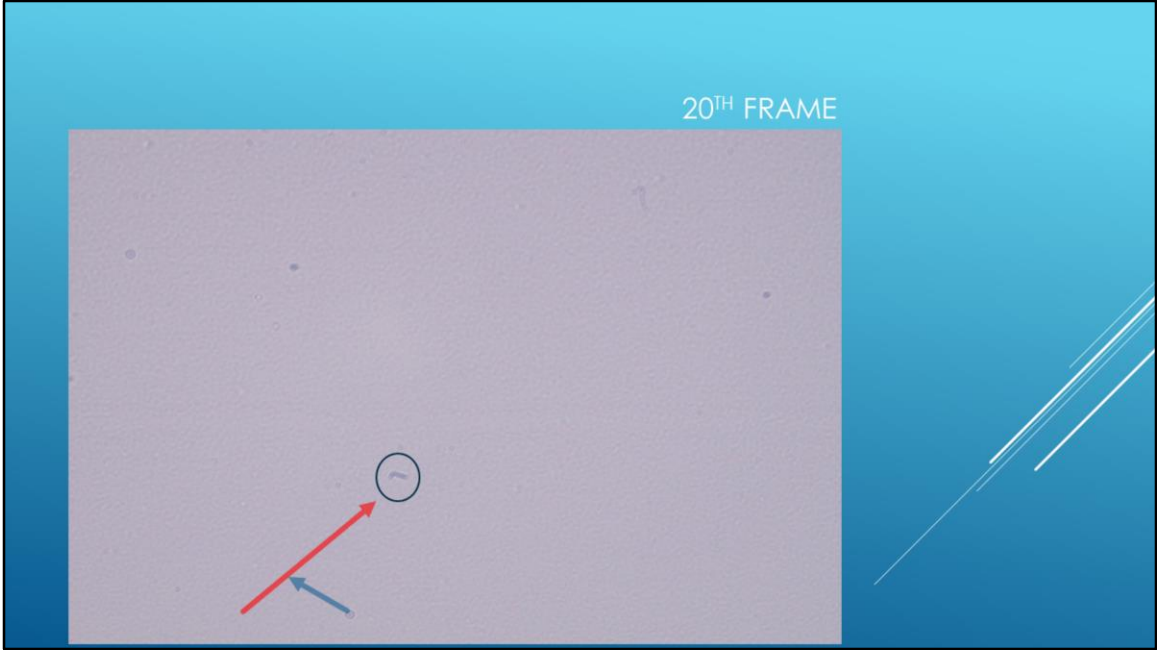
The telescope was nudged slightly and the object moved again.

11TH FRAME
TELESCOPE MOVED
AGAIN



16TH FRAME
TELESCOPE MOVED





Flat frames don't move their spots.

▶ There is a fast moving object within our solar system that is detectable with the Santilli telescope

▶ A dust particle is moving on the lens on a still night while all the other dust remains perfectly still.

TWO POSSIBLE CONCLUSIONS

An object crossed an arc roughly equivalent to the Moon's diameter in about 2 minutes. Either a dust particle on the lens is moving on a still night unlike every other dust particle on the lens.