Mads Fredslund Andersen Stellar Astrophysics Centre, Aarhus Universitet SONG manager

# Instruments, observations and public outreach







## Inauguration 25<sup>th</sup> of October 2014

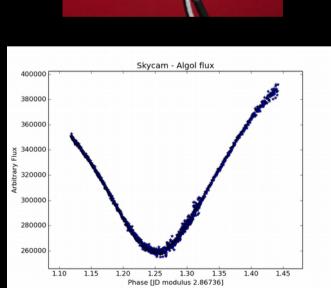




#### Telescopes at the SONG site

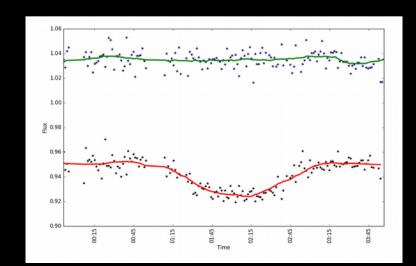


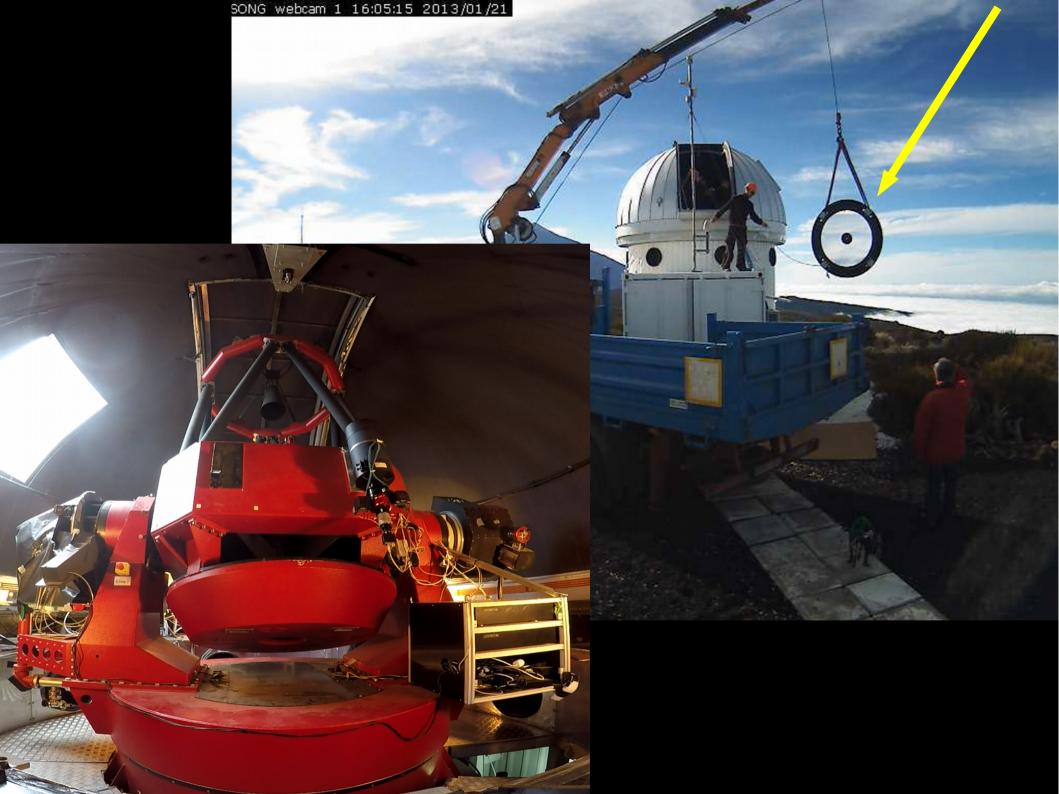
SkyCam 1

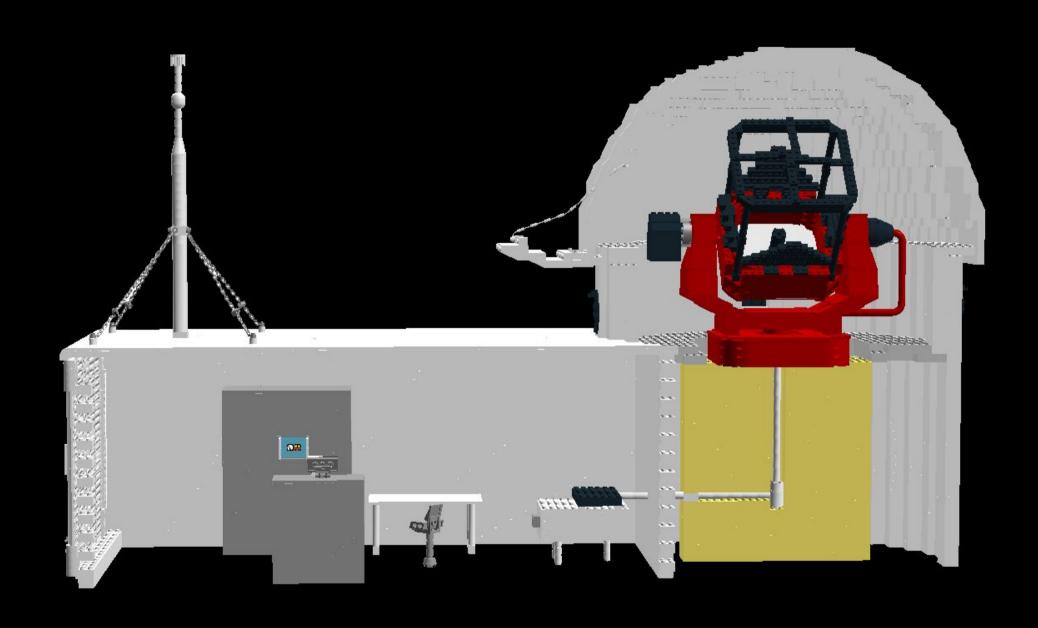




SkyCam 2

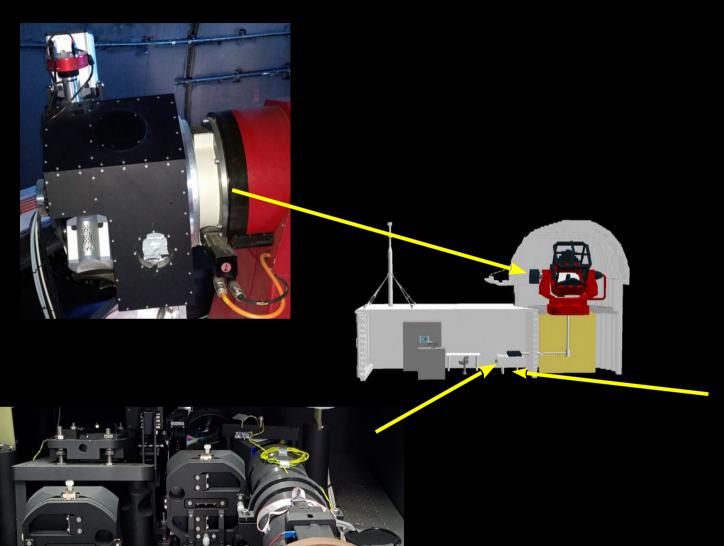






Instruments at the SONG site

#### Instruments at the SONG site





## Lucky imaging photometry...



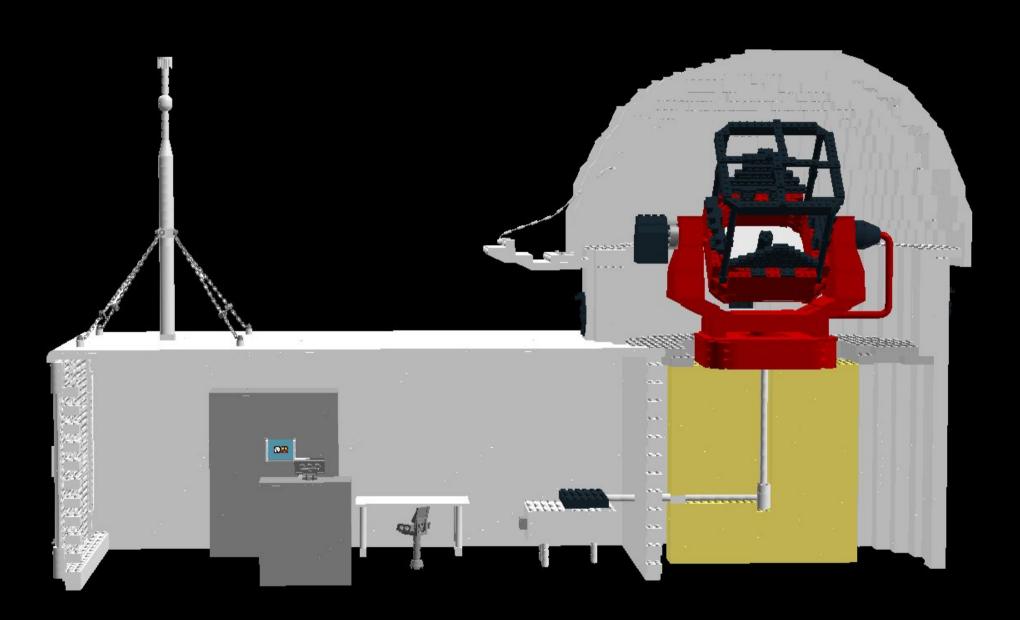


# Not so lucky!



## Coudé → Spectrograph



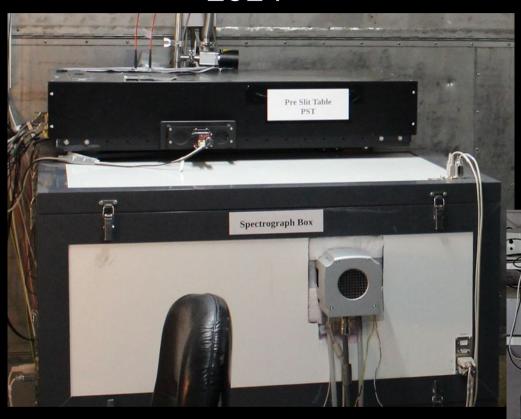






## Upgrades/changes during the last 4 years

#### 





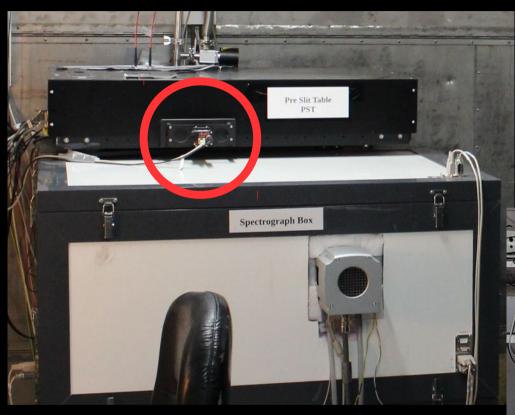
## "Simple" ones



Rotation of CCD - 2018



#### Some with more impact...

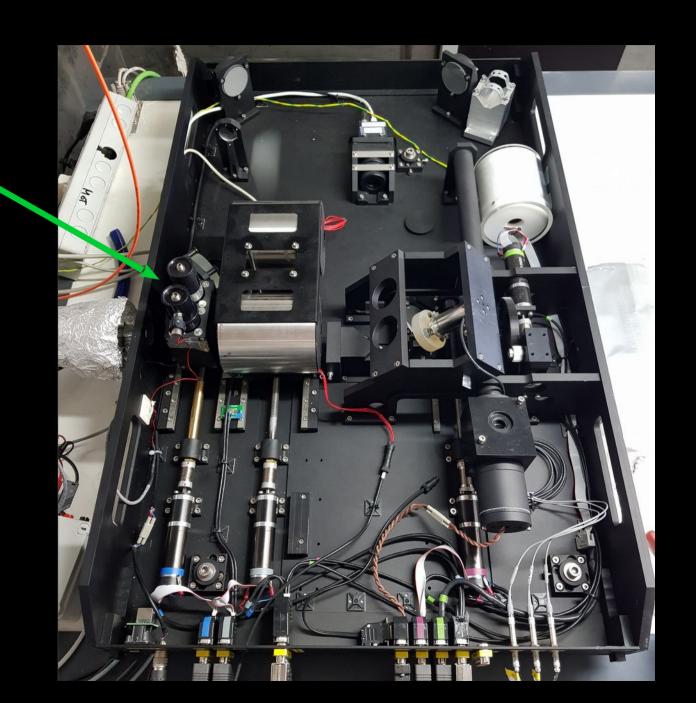


Guider upgrade:

 $V_{mag} \sim 6 \rightarrow V_{mag} \sim 9.5$ 



## Planned future upgrades



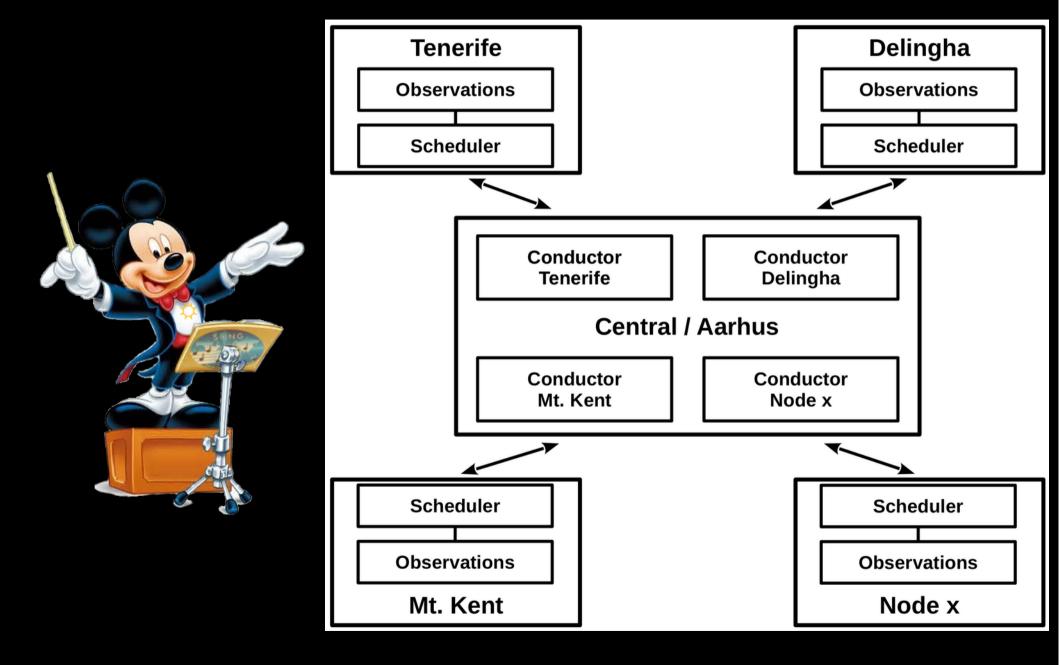
#### The robotic observations



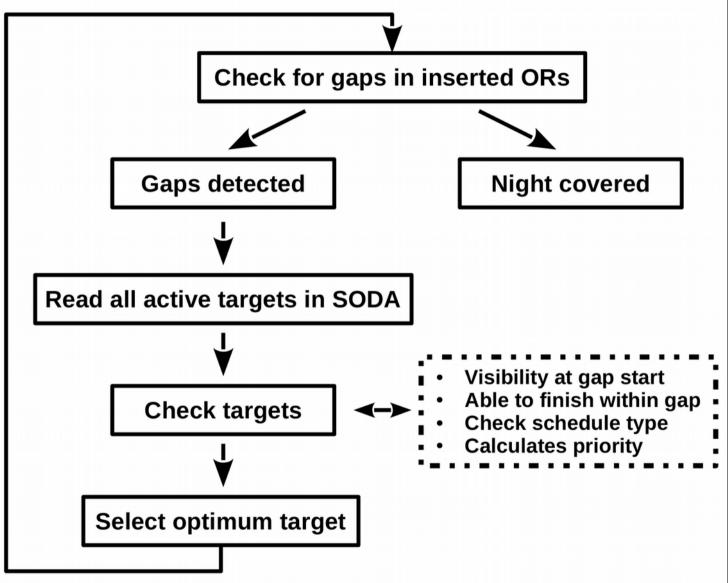
### The Conductor

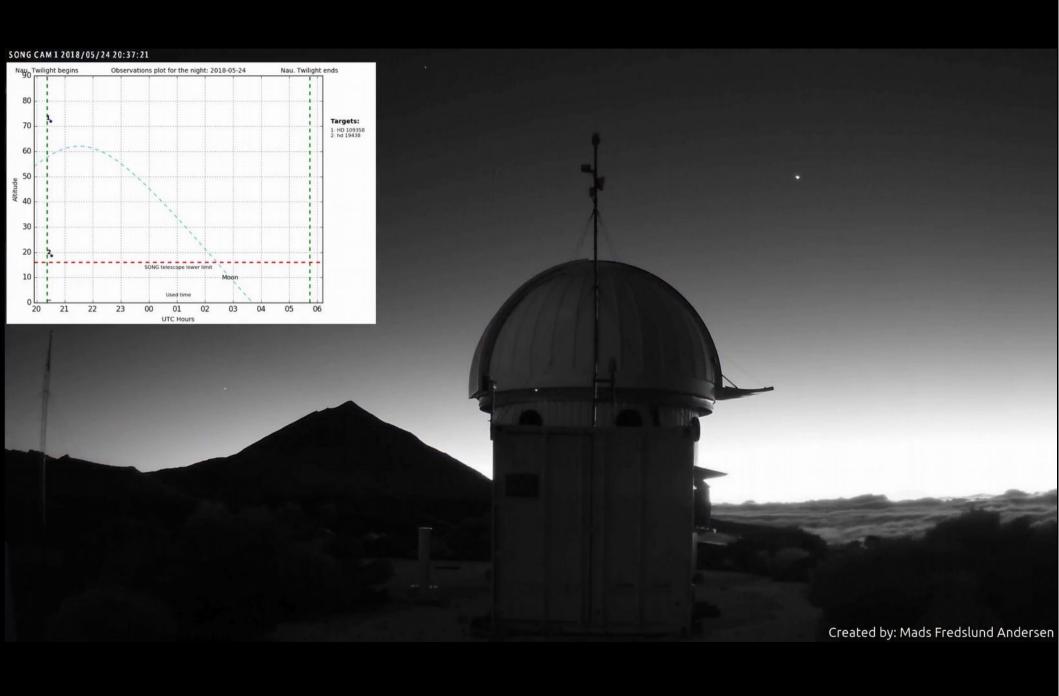


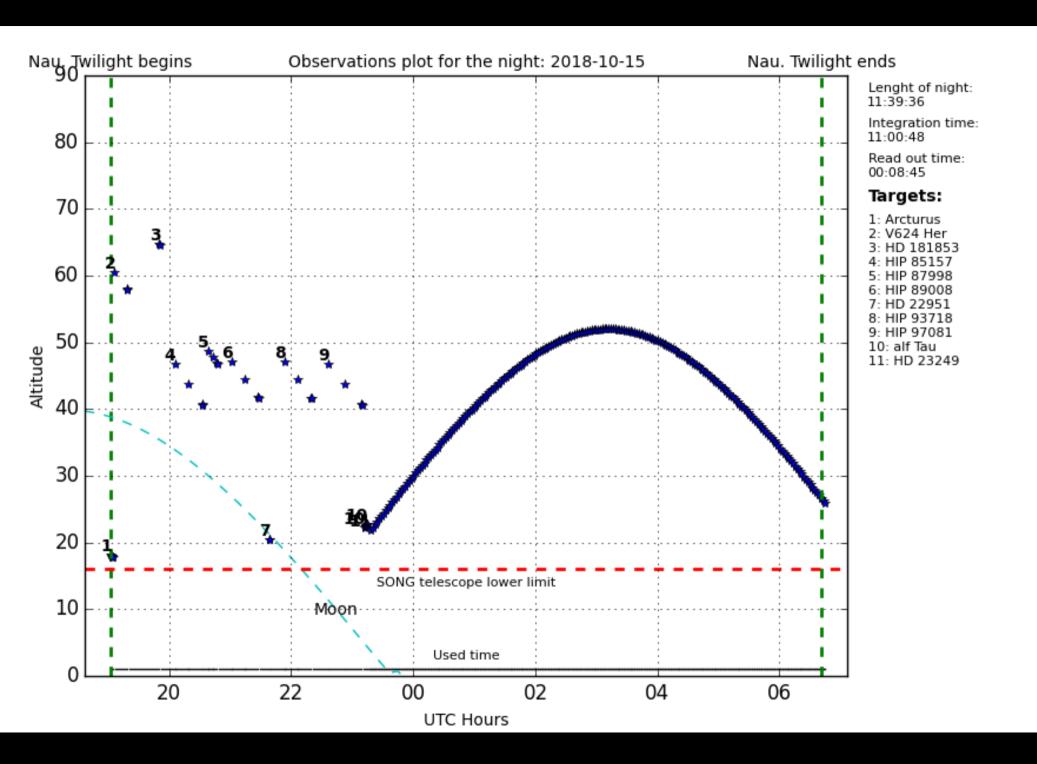


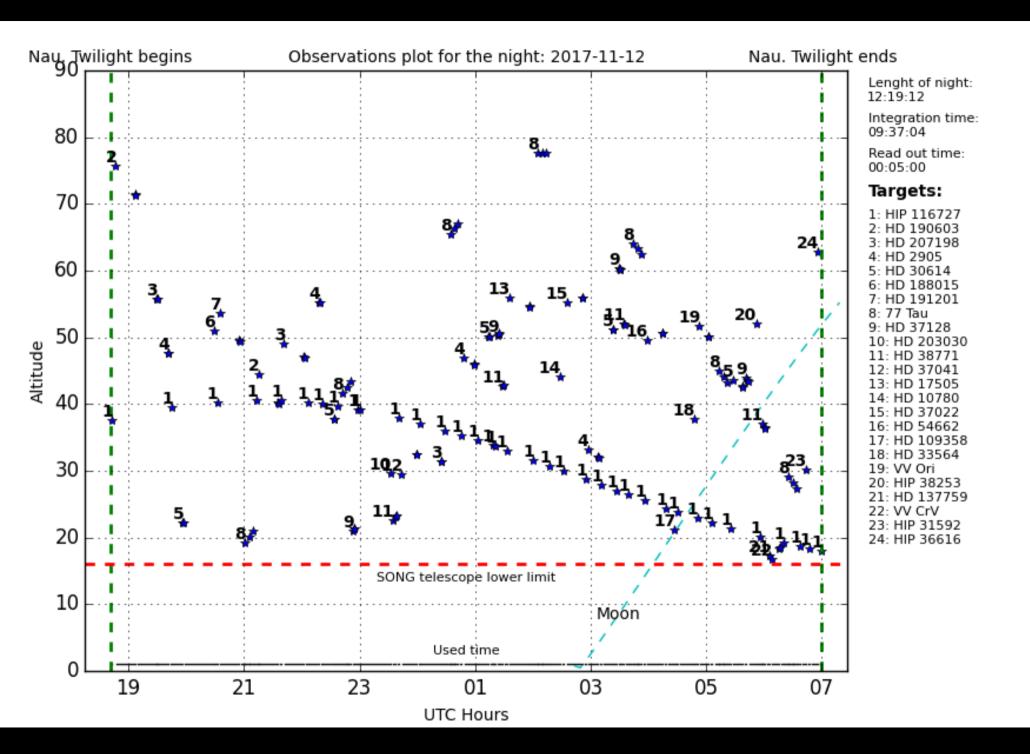


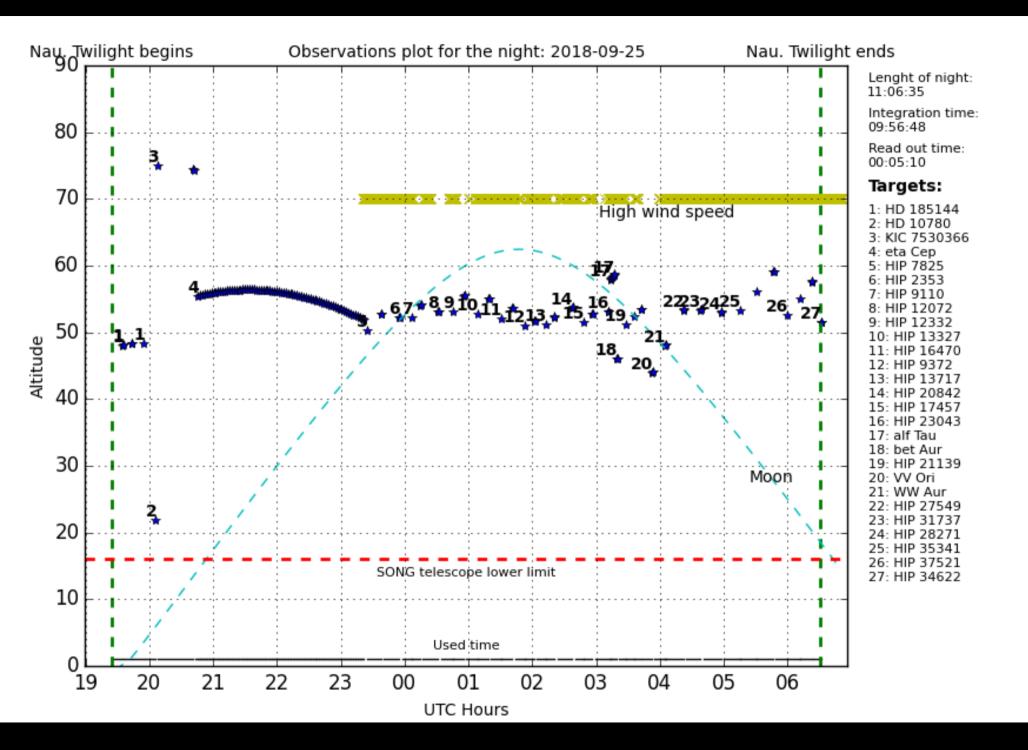




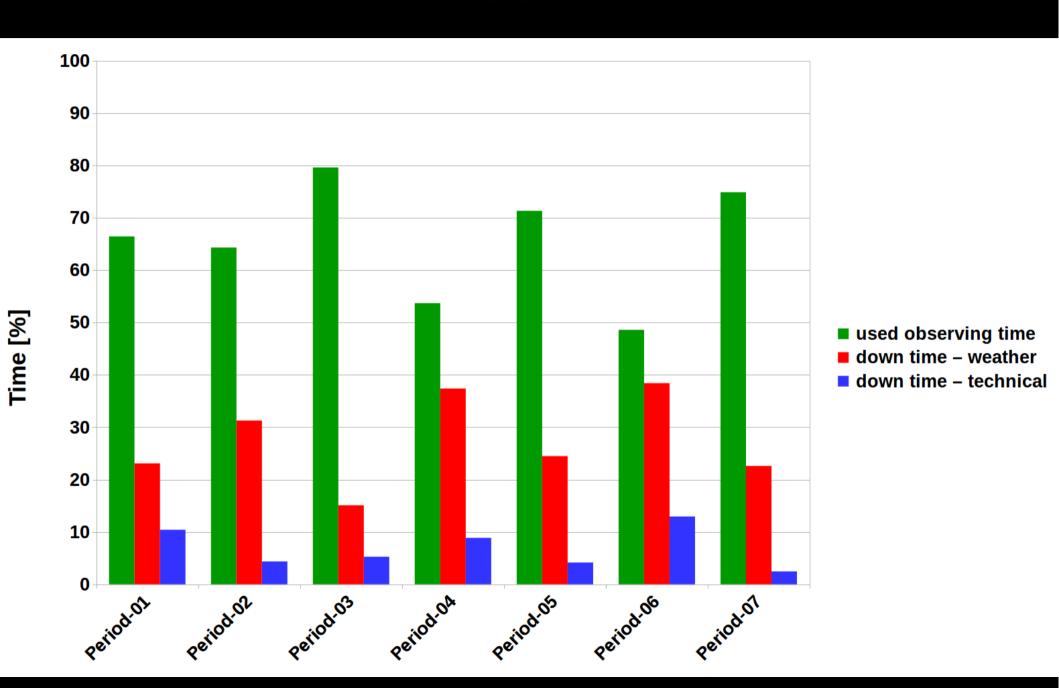






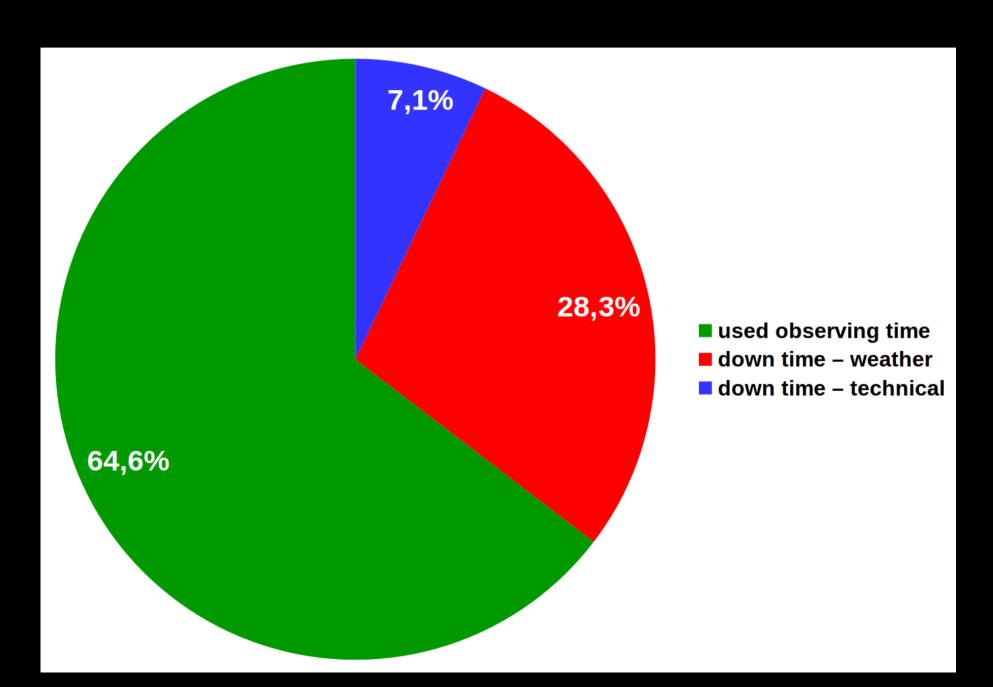


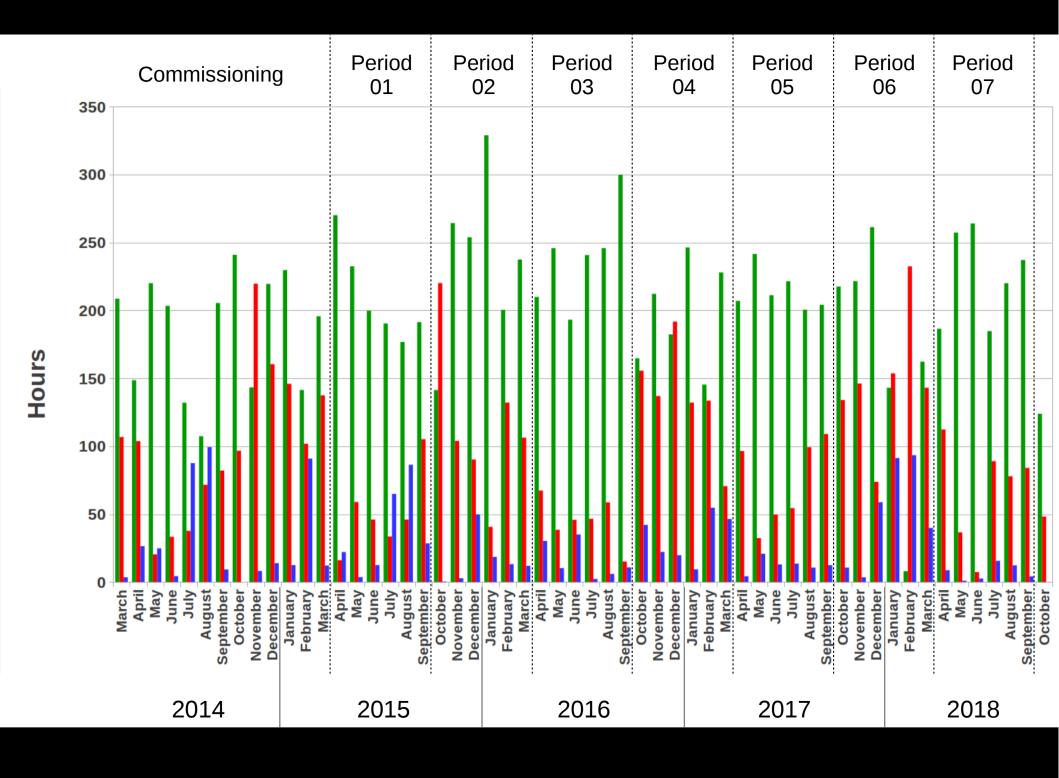
#### Duty cycle Period 1-7





# Full duty cycle Period 1-7





## Public outreach















