

# 8th April 2015

Attending: ajc, Kem, Scott, Rahul, Ridgway, Darko, Brittany, Michael, Veljko, Peter

We will focus on updates this week with a goal of getting all of the epics sorted out and reviewed for the next quarter of work. So let's just walk through the plans for the next quarter and how we will get them into Jira/Agile etc:

## - Opsim (Kem)

- Filter change control implemented and tested. SysEng discussed filter change limitations
  - camera team will come back with cooling requirements
  - ACTION - circulate a report on the WFD run without DD with 1 filter/20 min constraint (by next Wednesday)
  - ACTION - PST to come up with less stressing cadences
  - Would lookahead help (will help with the end of the night)
  - **Currently no constraint on changing filter for colors on transients (i.e. different filter at each pair of observations)**
- DDS - Rate limiting 30 milliseconds (need 30-34 ms just for target publication), asking Dave Mills about this.
- Zeljko is looking at reference run with tier 1 complete with proper DD selection is now sitting on ops1
  - ACTION - Tier 1 publication
- Working on rolling cadences
- SRD metrics not clear status - ask Lynne next week
- Complete refactoring to modular design (development path)
  - DDS eval (Michael)
  - extract scheduler
  - modularize the scheduler (constraints specification)
  - Telescope model will be the initial design (one model for Opsim and T&S)
  - simple scheduler information (ajc)
- separate DB access and write to it using DDS
  - ajc: is DDS the write tool for this and what is the data rate for the EFD using DDS (i.e. do we know it will scale)
- telescope model - Francisco
  - Kem says 2 weeks for the design

## - MAF and the sky (Peter and Lynne)

- migrate the code into - design, review
- linear twilight model
- migrate to Opsim
- would like more diodes not pointing at zenith

## - Ipython notebooks

- SS-Metric and NEO work

## - Catalogs (Scott)

- Complete the uncertainty functionality in positions/fluxes
- Demonstrate we can ingest arbitrary data sets
- Complete the CCD pixel prediction
- Speed up prediction of pixel positions
- PCA on spectra

## - SNe (Rahul)

- Generate run time for the SNe runs and will write that up
- paper and science

## - Alerts (Darko)

- communication testing
- simple filter for esper
- cutouts generation
- cutouts transmission
- inclusion of new sim development(s)

## - Cadence workshops (ajc)

## - AOB