2021-08-17 Science Metric Development Agenda and **Meeting notes**

Date

17 Aug 2021

Location

| Browser | Room System | Phone Dial-in |
|--|---|------------------|
| https://bluejeans.com/690803707 or https://ls.st/rsv | Dial: 199.48.152.152 or bjn.vc Enter Meeting ID: 690803707 -or- use the pairing code | Dial-in numbers: |

Attendees

- Colin Slater
- Keith Bechtol
- Erik Dennihy
- Jeffrey Carlin
- Simon KrughoffRobert Lupton

Regrets

• Leanne Guy (medical leave)

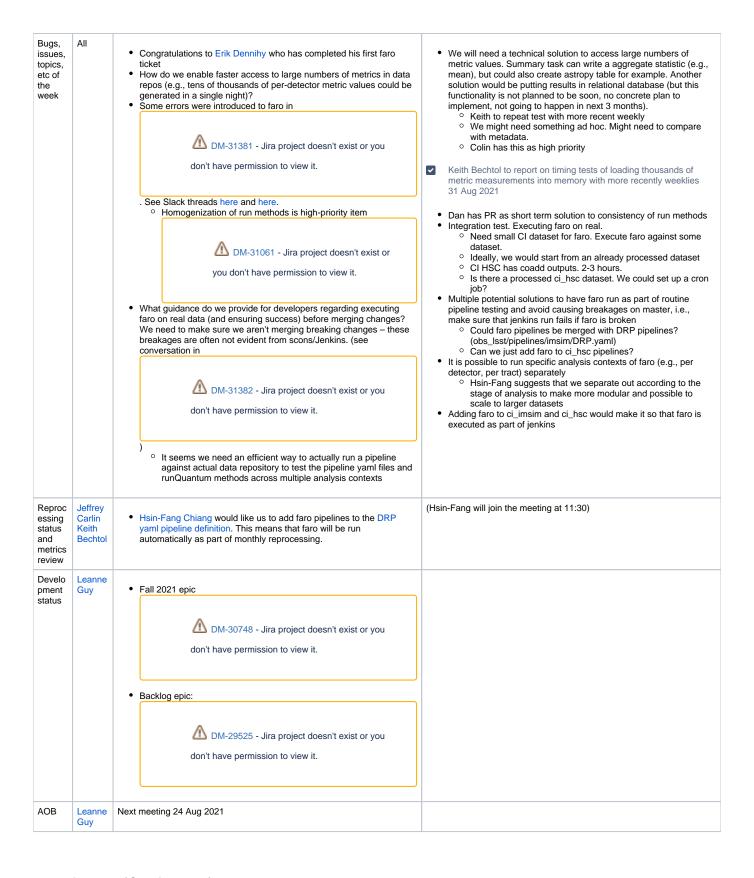
Metric Tracking Dashboard

URL:

- DC2 and HSC RC2 monthly reprocessing (Gen3 and Gen2/3, faro): https://chronograf-demo.lsst.codes/sources/2/dashboards/75
- Nightly CI (Gen3, faro): https://chronograf-demo.lsst.codes/sources/2/dashboards/70

Discussion items

| Item W | Who | Pre-meeting notes | Notes and Action Items |
|---------------------------------------|-------------|---|--|
| News, announ cement s and task review | eanne uy | The Director's Review in preparations of the Joint Status Review is planned for 7-9 Sep 2021. There will be a strong focus on SITCom. We should present performance metric verification status. chronograf dashboard pipeline Characterization Metric Report example per-detector metric (e.g., 5 sigma depth) documentation International in-kind contributor Nacho Sevilla is interested in starting to get prepared for commissioning SV related work. What is our approach to starting to incorporate such in-kind contributions? What do we need? What do we want? Concept to do direct imaging survey with AuxTel Getting faro to a stable place What is the usage in 6 month time Capability to defining work packages. Specific dataset and specific tests to run and come back with an analysis. Example: is stellar locus stable, e.g., in HSC RC2? Can you make sense of the results in science context. | Plan is to use labels for sandbox activities Postpone discussion of failure modes Cronograf dashboard now set up to show metrics computed with faro for both DC2 and HSC RC2. Can select between native Gen3 processing and Gen2Gen3 conversion. This is good milestone. Nightly dashboard. There is one successful run on 11 August? Thought we disabled this job? validate_drp_gen3. It was breaking. Returning all Nans. Replace with RC2 subset? Is there value in having another small dataset regularly processed, e.g., ci_imsim. We used to do CFHT, DECam, and HSC running nightly. According to jenkins, still running on validate_drp_gen3 nightly. jenkins is happy, but NaN values are not being displayed in cronograf. Just got faro running as part of ci_imsim About to deploy checking biases on the mountain. Robert will put ticket number in the minutes. We will have notebooks associated with CP verify package. Many calibration products. Deliver as notebook. Idea that this will be run every afternoon/night to check that that calibrations products were generated. |



List of tasks (Confluence)

Due Assignee Task appears on date

| Leanne Guy to talk to Science Pipelines (Yusra) about when do this transfer 19 Oct 2021 | 19 Oct 2021 | Leanne Guy | 2021-09-28 Science Metric Development Agenda and Meeting notes |
|---|-------------------|-------------------|---|
| Leanne Guy arrange to disucss at a future meeting if there are metrics from PDR3 & this paper that we might want to include in faro. 26 Oct 2021 | 26 Oct 2021 | Leanne Guy | 2021-08-31 Science Metric Development Agenda and Meeting notes |
| Colin to ask about capturing ideas for improvement to the stellar locus algorithm 30 Nov 2021 | 30 Nov 2021 | | 2021-11-09 Science Metric Development Agenda and Meeting notes |
| Colin Slater to make a preliminary draft agenda for a workshop to clarify visualization use cases for science verification and validation | | Colin Slater | 2022-04-19 Science Metric Development Agenda and Meeting notes |
| Jeffrey Carlin to review metric specification package organization and the relationship to formal requirements documents | | Jeffrey Carlin | 2022-04-19 Science Metric Development Agenda and Meeting notes |
| Keith Bechtol Schedule a time to have focused discussion on verification package, potentially next status meeting | | Keith Bechtol | 2021-09-14 Science Metric Development Agenda and Meeting notes |
| Keith Bechtol to make a ticket to better understand mapping of these camera and calibration products characterization efforts to verification documents and the focus of these efforts. Discuss with the SCLT | | Keith Bechtol | 2021-09-14 Science Metric Development Agenda and Meeting notes |