

2021-06-08 Science Metric Development Agenda and Meeting notes

Date

08 Jun 2021

Location

Browser	Room System	Phone Dial-in
https://bluejeans.com/690803707 or https://ls.st/rsv	1. Dial: 199.48.152.152 or bjn.vc 2. Enter Meeting ID: 690803707 -or- use the pairing code	Dial-in numbers: <ul style="list-style-type: none">+1 408 740 7256+1 888 240 2560 (US Toll Free)+1 408 317 9253 (Alternate Number) Meeting ID: 690803707

Attendees

-

Regrets





- [Leanne Guy](#)



Metric Tracking Dashboard

URL:

Discussion items

Item	Who	Pre-meeting notes	Notes and Action Items
News, announcements and task review	Leanne Guy	DM Development Workflow. Slides on faro package presented at DM Science Pipelines meeting last week <ul style="list-style-type: none">Science Pipelines would like faro metrics to be routinely shipped to SQuaSH and appearing on chronograf dashboardQuestion of best way to handle situations when the metric definition (algorithm for calculating) changes. Annotate in SQuaSH dashboard.	Development workflow: <ul style="list-style-type: none">Reviewer should not approve until successfulMake sure to rebase with respect to matter <input checked="" type="checkbox"/> Start policy to ensure successful Jenkins run prior to merge of faro PRs. 15 Jun 2021 <ul style="list-style-type: none">Need to routinely ship faro metrics to SQuaSH and display on chronograf dashboard<ul style="list-style-type: none">Proposed approach to teach Yusra to runHow do we make this automated? Need a script to automate. We can help Yusra to provide information about what needs to go into the script.For the metrics of interest, the definitions exist. <input checked="" type="checkbox"/> Simon Krughoff to schedule a time to meet with Yusra or designate from DRP team to see how to ship faro metrics to squash. 22 Jun 2021
CMR	Jeffrey Carlin Keith Bechtol	Current draft of DMTR-311	<ul style="list-style-type: none">Jeff spoke to Yusra and they decided to use w14 for v22.0.0 and backport the scarlet fix. Yusra wants to see a direct comparison of faro metrics on direct Gen3 processing and Gen2 to Gen3 conversion version.<ul style="list-style-type: none">However, faro won't run on the converted repo with changes made for external calibration support. Eli is working on a fix.Yusra is interested to confirm that Gen2 to Gen3 is equal to or slightly better than the native Gen3 version (Gen3 version does not yet have all the features of Gen2 to Gen3 conversion version)

Bugs, issues, etc of the week	All	<p>Review of any issues that have come up during the week with faro and metric computation</p> <p>: do we do this in faro?</p> <p>What is the status in faro of these old validate_drp tickets:</p> <div>  DM-16555 - Jira project doesn't exist or you don't have permission to view it. </div> <p>: this error appears to have been propagated to faro.</p> <div>  DM-13758 - Jira project doesn't exist or you don't have permission to view it. </div>	<div>  DM-30656 - Jira project doesn't exist or you don't have permission to view it. </div> <p>o fix DM-16555 in faro . Can we get this fixed before issuing the CMR</p> <p><input checked="" type="checkbox"/> Jeffrey Carlin to investigate and decide if relevant for faro 15 Jun 2021</p> <div>  DM-13758 - Jira project doesn't exist or you don't have permission to view it. </div> <p>do the filtering before assembling the matched catalog</p>
Status of reprocessing	Jeffrey Carlin Keith Bechtol	<ul style="list-style-type: none"> What versions are we reprocessing now? What will be the weekly version for R22.0.0? 	<ul style="list-style-type: none"> Complete CMR for R22.0.0 – see notes above for w14 w18. One of the tracts failed in the coadd step. Monika offered to re-run. 2 of 3 tracts were fine. Third made single-frame but not coaddition step. w22 processing is already running. Note that since Eric Morganson left the project, Morgan Schmitz is trying to get up to speed with RC2 processing. Simon is getting close to have small 6 chips in 9 visits for 5 bands. Successfully processed all through coadd except g band. Picking better visits should fix. All using butler import/export tools. Native Gen3. This would replace validate_drp_hsc. Size is 14 GB including reference catalogs, calibrations. Repo contains raws. Simon has done the fix to get reference catalogs from only the relevant portion of the sky.

Development status	Leanne Guy <ul style="list-style-type: none"> Spring 2021 epic was intended to be finished 31 May 2021 Next week could be an opportunity to do a comprehensive review of current epic and make priorities for the next several months <ul style="list-style-type: none"> One high-priority item would be using object table and source table (parquet format) <p>Review progress on the current development epic</p> <div>  DM-26993 - Jira project doesn't exist or you don't have permission to view it. </div> <p>Backlog epic:</p> <div>  DM-29525 - Jira project doesn't exist or you don't have permission to view it. </div>	<input checked="" type="checkbox"/> Keith Bechtol Check to see whether we can access the schema of tract object tables (who?) 15 Jun 2021
AOB	Leanne Guy <p>Next meeting 2021-06-15.</p>	

List of tasks (Confluence)

Description	Due date	Assignee	Task appears on
<input type="checkbox"/> 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
<input type="checkbox"/> Leanne Guy arrange to discuss 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
<input type="checkbox"/> 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
<input type="checkbox"/> 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

<input type="checkbox"/> 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
<input type="checkbox"/> 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
<input type="checkbox"/> 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