

2023-04-10 DM-SST Agenda and Meeting Notes

(back to the [list of all DM-SST meeting minutes](#))

Time:

11:00 PT

Location

Browser	Room System	Phone Dial-in
Short : ls.st/dmsst Zoom: https://noirlab-edu.zoom.us/j/97839121776? pwd=K1JPeUpSMXFvSXJSa2xORGkyVk5zdz09 Zoom Meeting ID: 978 3912 1776 Zoom Password: 512314	Dial closest IP: 162.255.36.11 (east coast) and 162.255.37.11 (west coast) then use the Zoom meeting ID 978 3912 1776 as the dialing extension. For example: 978 3912 1776 @162.255.37.11 or: 162.255.37.11##978 3912 1776 Password: 512314	Dial-in numbers: +1 346 248 7799 (US Toll) +1 669 900 6833 (US Toll) Meeting ID: 936 2540 1560 International numbers available: https://globalini.zoom.us/j/97839121776

Attendees

Regrets

Discussion items

MEETING CANCELLED - NO MINUTES

Item	Who	Pre-Meeting Notes	Notes and Action Items
Project/Science Updates	Leanne Guy	Apologies for this meeting falling on "meeting free" week - I will endeavour to make sure that does not happen in future First light momentum building meeting • Several people had a meeting with Heidi Hammel from AURA HQ to discuss how to build momentum towards first light in the public sphere using press releases, popular science articles, social media. • Strongly advised to start building momentum early and not wait til "the day public need to be primed to be excited about first images. • Create short high-level stories about everything in the LSST science book • Exercise the processes to be ready to release at first light with everything in hand and prepared • When we release the first images, reporters will want to reference previous relevant work - make sure that is available • Move away from the "expert" paradigm where one "expert" presents everything and towards a "community" paradigm with a broader program involving lots of young people • EPO will play a major role, as will SLAC and NOIRLab • Meet again in a month PST meeting 2023-03-29: • Rubin music – idea to commission some music and have a concert in La Serena. Make a video that involves the people and hardware coming together over time with science -- discussing various composers.	

Debrief of the schedule workshop	Leanne Guy	Debrief of the schedule workshop from last week and implications for DM. We will have a related discussion on milestones for DP1 on 2023-04-24 DM-SST Agenda and Meeting Notes - Overall the project has seen a 3 month slip since the previous schedule workshop in November 2022 - SLAC work stoppage 2023-01-03/ – 01/04 - SLAC is now back in full operations, Camera expected to ship in early October 2) emergent issues with the TMA commissioning from 2022/12 – 2023-03. TMA has now been declared "substantially complete" allowing us to move on to the next phase of system integration. Rubin now has control of the TMA. 3) infrastructure issues, particularly backup power impacted commissioning efforts - new generator expected for end April - New schedule will be presented at the AHM next week	
RFC/LCR for shear estimation	Jim Bosch	We have a plan agreed with the DESC ... next steps?	This is good to go to RFC now following convergence on the PR with DESC members Matthew Becker and Erin Sheldon. ☒ Jim Bosch Submit RFC for per-object shear estimates as per DPDD PR 24 Apr 2023
Grouping of data products from older DRs into tarballs on tape	Jim Bosch	Topic request from Kian-Tat Lim – how should we group data products into larger tarballs when we put them on tape? The current DR's product will be on spinning disk, so we're talking about raws and all preserved data products from older data releases. What are the use cases for retrieving data products from older data releases? How big do the tarballs need to be in terms of numbers of data products of various types (target size is around 100 GB).	Deferred to DM-SST on 2023-05-08
AOB	Leanne Guy	Next meeting is: 24 Apr 2023	

List of SST tasks (Confluence)

Description	Due date	Assignee	Task appears on
☐ Robert Lupton Clarify the meaning of time in the object table. 1 sentence description in sdm_schemas, can link to a short DMTN. <i>Update 2022-02-09: Meeting to resolve this on 2022-02-21</i> 28 Feb 2022	28 Feb 2022	Robert Lupton	2018-11-05 DM SST F2F Agenda and Meeting notes
☐ Gregory Dubois-Felsmann check if SDM standardization is adequately represented in project documents, and whether DMTN-067 should be required. 31 Mar 2022	31 Mar 2022	Gregory Dubois-Felsmann	2022-02-14 DM-SST Virtual F2F Agenda and Meeting notes
☐ Steve Ritz Work with DM and Camera to develop plans for delivering a shutter position-vs-time model 16 May 2022	16 May 2022	Steve Ritz	2022-03-14 DM-SST Agenda and Meeting Notes
☐ Gregory Dubois-Felsmann / Leanne Guy Create a TN that outlines the science use cases and options for compressed PVIs from AP. Present the issue at DMLT VF2F and then the PST. 13 Jun 2022	13 Jun 2022	Gregory Dubois-Felsmann	2022-05-09 DM-SST Agenda and Meeting Notes
☐ Eli Rykoff Report on what information DES used for their decision on using compression? 25 Jul 2022	25 Jul 2022	Eli Rykoff	2022-06-06 DM-SST VF2F Agenda and Meeting notes

☐	Melissa Graham to draft a proposal for including pz in alert packets 12 Sep 2022	12 Sep 2022	Melissa Graham	2022-08-15 DM-SST Agenda and Meeting Notes
☐	Steve Ritz Leanne Guy Gregory Dubois-Felsmann Organize a meeting to review Camera telemetry/ how what the Camera reports 26 Sep 2022	26 Sep 2022	Steve Ritz	2022-09-12 DM-SST Agenda and Meeting Notes
☐	Gregory Dubois-Felsmann start a technote to write down the details for science end user interface to SED corrections in catalogs 31 Oct 2022	31 Oct 2022	Gregory Dubois-Felsmann	2022-08-22 DM-SST Agenda and Meeting Notes
☐	Leanne Guy Gregory Dubois-Felsmann Raise the AP image-availability gap (between 30 days and the DR) issue to the PST 31 Dec 2022	31 Dec 2022	Leanne Guy	2022-06-06 DM-SST VF2F Agenda and Meeting notes
☐	Leanne Guy read RFC-842 and work out how much of this is in DM scope. Work with Eli Rykoff and Robert Lupton to make a plan to address this 28 Feb 2023	28 Feb 2023	Leanne Guy	2023-01-23 DM-SST Agenda and Meeting Notes
☐	Leanne Guy talk to Steve R about presenting plans for the ShearObject table to PST and SciCollab chairs 20 Mar 2023	20 Mar 2023	Leanne Guy	2023-02-27 DM-SST Agenda and Meeting Notes
☐	Jim Bosch Provide an example of a file containing a cell-based coadd for Gregory Dubois-Felsmann to examine to assess implications for firefly 31 Mar 2023	31 Mar 2023	Jim Bosch	2023-02-27 DM-SST Agenda and Meeting Notes
☐	Leanne Guy talk to Gregory Dubois-Felsmann to review the original intent of the AFS-related Portal requirements before deciding on a course of action 29 May 2023	29 May 2023	Leanne Guy	2023-05-01 DM-SST Focus Meeting - Brokers in Commissioning
☐	Leanne Guy Prepare to consult the PST on the question of providing compressed PVI's for AP outputs, to cover the period before the data become available in a DR. 02 Jun 2023	02 Jun 2023	Leanne Guy	2023-03-27 DM-SST Agenda and Meeting Notes
☐	Jim Bosch Incorporate 30-60 day period for raws on disk into the strawman proposal and present to KT 26 Jun 2023	26 Jun 2023	Jim Bosch	2023-05-08 DM-SST Agenda and Meeting Notes
☐	Parker Fagrelus Patrick Ingraham how long will it take to do a scan as described? No need to scan the whole WL range but will require additional points outside nominal lambda range. 30 Jun 2023	30 Jun 2023	Parker Fagrelus	2023-03-27 DM-SST Agenda and Meeting Notes
☐	Colin Slater Gregory Dubois-Felsmann Robert Lupton Jeffrey Carlin Convene meeting/vf2f session on definition of dataset selection requirements in DMS-REQ-293 31 Jul 2023	31 Jul 2023	Colin Slater	2023-07-10 DM-SST Agenda and Meeting Notes
☐	Eli Rykoff , Leanne Guy Develop a proposal for what calibration processing, hardware, data we actually need and what will be needed for DR1. This has implications for the ORR and for prioritisation of work in commissioning 31 Jul 2023	31 Jul 2023	Eli Rykoff	2023-01-30 DM-SST Agenda and Meeting Notes

☐	Yusra AlSayyad will look to see if there is any effort to help on option 1 28 Aug 2023	28 Aug 2023	Yusra AlSayyad	2023-08-14 DM-SST Agenda and Meeting Notes
☐	Jim Bosch Slater Provide a physical example of that a up on cell table would look like fo the Colin Slater / DAX team to review 31 Aug 2023	31 Aug 2023	Jim Bosch	2023-02-27 DM-SST Agenda and Meeting Notes
