2022-02-14 DM-SST Virtual F2F Agenda and Meeting notes

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Logistics

Date & Time

Date : 14 Feb 2022 , 09:00 - 13:30 PT

This precedes the DMLT vF2F (15,16,17 Feb 2022)

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://gemini.zoom.us/u/adcUNrbXzS

Participants

- Leanne Guy
- Colin Slater
- Jeffrey Carlin
- Melissa Graham
- Jim Bosch
- Eric Bellm
- Gregory Dubois-Felsmann
- Zeljko Ivezic
- Yusra AlSayyad
- Keith Bechtol

Agenda

Time (PST)	Topic	Coordinator	Pre-meeting notes	Running notes and actions
Moderator:	Notetaker: Colin Slater			
09:00 - 9:15	Welcome, project science updates	Leanne Guy		
9:15 - 9:45	Task review	Leanne Guy		☑ Gregory Dubois-Felsmann and Colin Slater to present at the next SST F2F on remaining DAX/LSP scope for completeness15 Jun 2022 ☑ Leanne Guy will understand the interaction between DAX's transition to operations funding and completing construction.01 Apr 2022 ☐ Gregory Dubois-Felsmann check if SDM standardization is adequately represented in project documents, and whether DMTN-067 should be required.31 Mar 2022 ☑ Leanne Guy follow up to get a presentation of the latest high-level schedule for commissioning. 28 Feb 2022

9:45 - 10:30	Special Programs	Melissa Graham	We deferred this topic at the previous DM-SST meeting. We have many tickets open on special programs and a draft TN. Much of special programs can be left to ops but there are some topics that need to be resolved in construction. We could use this time to conclude on open topics Epic: DM-20374 - Jira project doesn't exist or you don't have permission to view it. Summary slides	• Gregory: Can close DM-12577. DM-13740 still needs a small amount of real work.
10:30 - 11:00	**Break**			
Moderator: Leanne Guy	Notetaker:			
11:00 - 12:00	DM-Camera integration and reverification	Robert Lupton	Aaron Roodman has created a confluence page on Focal Plane Anomalies and Effects: post Cryostat EO testing that may need additional Camera information and /or DM corrections. Known effects already included in DM ISR are not necessarily included in this page. pdf version for those who cannot access the SLAC page Robert Lupton comments. Should we discuss this in more detail at a future SST meeting when people have had a chance to read it? vF2F? Questions to consider: • What does DM need to do to address these issues? • On what timescale do we need to address these issues e.g before commissionin by the ORR? • Is the work already on our requirements and planned for or is it new / unplanned? • What will it take - resources/algorithms?	
12:00 - 12:30	Preparing for ComCam on sky	Robert Lupton		• LSE-79 describes the data we're going to take when we have various components on sky. But haven't flowed down to what software we need for each of these steps. Where to run that software/how to make that analysis happen (technically). • This summer, should be able to start running the software tests that we will eventually run on comcam. Should support "Is the data we took last night good?"-type of analysis. • Eric: more visibility into the related in-kind contributions would be valuable. ◦ Keith: Targeted SST meeting around planning for AP/commissioning on-sky data taking analysis effort. • Gregory: Writeup of the auxtel survey plan? Would be useful to have real Rubin data for testing image services. • Keith: might help to define some "topical units" where a group can be in more regular contact together, and keep efforts from going all over everywhere/ease coordination between stakeholder groups. ☑ Leanne Guy, Keith Bechtol to make a plan for AuxTel /ComCam observing on-sky. 30 Dec 2022
12:30 - 13:00	**Break**			
Moderator: Eric Bellm	Notetaker:			
13:00 - 13:30	DM Science priorities for 2022 & wrap up	Leanne Guy	Previously discussed • Readiness for large data processing campaigns and analysis ComCam • More frequent reprocessing campaigns not just of the data but people and processes (SLAC/USDF) • DPDD consolidation and relation to similar DP/DR data products documents • Completing the work on detection efficiencies • P1a verification and readiness for commissioning	No additional points to add Tentative dates for next vF2F based on DMLT discussion in 2021 • 2022-06-14 • 2022-10-18
13:30	**Close**			

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. *Update 2022-02-09: Meeting to resolve this on 2022-02-21* **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
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 PVIs 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 Fagrelius 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 Fagrelius	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 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

☐	"What is the pathway to defining the data products that are required to meet DMS-REQ-0266" Jeffrey Carlin **30 Nov 2023**	30 Nov 2023	Jeffrey Carlin	2023-10-23 DM-SST vF2F Agenda and Meeting Notes
☐	Gregory Dubois-Felsmann Eli Rykoff to investigate splitting DMS-REQ-0298 (data access services for provenance) into separate 1a and 1b reqs. **30 Nov 2023**	30 Nov 2023	Gregory Dubois-Felsmann	2023-10-23 DM-SST vF2F Agenda and Meeting Notes
☐	Leanne Guy Gregory Dubois-Felsmann , possible others small group to write description of how our deployment strategy meets DMS-REQ-0297. **30 Nov 2023** *2024-01-30, See DMS-REQ-0297 -- Deployment Strategy*	30 Nov 2023	Leanne Guy	2023-10-23 DM-SST vF2F Agenda and Meeting Notes
☐	Jeffrey Carlin follow up with KT on DMS-REQ-0176 and DMS-REQ-0315 to update /disaggregate this for latest base/summit infrastructure split. **30 Nov 2023**	30 Nov 2023	Jeffrey Carlin	2023-10-23 DM-SST vF2F Agenda and Meeting Notes
☐	Jim Bosch Follow up on the possibility of investigating further the ability to process 2 collections in parallel. **31 Jan 2024**	31 Jan 2024	Jim Bosch	2023-12-04 DM-SST Agenda and Meeting Notes
☐	Jeffrey Carlin Gregory Dubois-Felsmann Colin Slater Define verifications for the consistency of collections part of this requirements - e.g. OSS-118 **31 Jan 2024**	31 Jan 2024	Jeffrey Carlin	2023-12-04 DM-SST Agenda and Meeting Notes
☐	Gregory Dubois-Felsmann Jim Bosch Setup a meeting between science platform and middleware regarding user storage for butler purposes.		Gregory Dubois-Felsmann	2023-10-23 DM-SST vF2F Agenda and Meeting Notes