

DMLT Meeting - 2020-04-20

(back to the [list of all DMLT meeting minutes](#))

In Location

Browser	Room System	Phone Dial-in
https://bluejeans.com/293724745/	<ol style="list-style-type: none">1. Dial: 199.48.152.152 or bjn.vc2. Enter Meeting ID: 293724745 -or- use the pairing code	<p>Dial-in numbers:</p> <ul style="list-style-type: none">• +1 408 740 7256• +1 888 240 2560 (US Toll Free)• +1 408 317 9253 (Alternate Number) <p>Meeting ID: 293724745</p>

Time

10:15am PT

Attendees




- [Eric Bellm](#)
- [Jim Bosch](#)
- [Fritz Mueller](#)
- [Frossie Economou](#)
- [Unknown User \(gcomoretto\)](#)
- [Jeff Kantor](#)
- [Leanne Guy](#)
- [Unknown User \(mbutler\)](#)
- [Robert Gruendl](#)
- [Robert Lupton](#)
- [Simon Krughoff](#)
- [Wil O'Mullane](#)
- [Yusra AlSayyad](#)
- [Zeljko Ivezić](#)
- [John Swinbank](#)
- [Colin Slater](#)
- [Tim Jenness](#)

Excused

Discussion Items


Item	Who	Notes
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Project updates	Wil O'Mullane	<p>Joint Agency Quarterly progress meeting, 5 hours Tuesday April 28.</p> <ul style="list-style-type: none"> • few slides on progress in last quarter. • How to get restarted. • Was to be in Chile to show progress. • More now on how to re baseline. • Data Facility and ops review have been distracting the agencies. <p>Ops review - clearly dependent on re-baseline.</p> <ul style="list-style-type: none"> • Mentioned that DF and schedule made the committee feel a bit lost since the review was still of a proposal. • Chuck mentions non labor such as spares especially high cost items. Also suggestion to buy spares now while Peso is favorable. Fairly positive in general not many significant actions. • Zeljko points out that 2/3 of ops team come from construction but not everyone is aware. Bob, Amanda and Victor will talk about how to make this better know to people in the project. <p>Ranpal:</p> <ul style="list-style-type: none"> • Logo development plan meeting today with Victor + others. Survey to go out to everyone. • Detector engineering NOIRLab workshop last week — we were unaware and no one from the project attended. There will be more will try to make sure people are notified of similar meetings in future. • Spain shutdown to May 9th; new visa appointments for Wil & Ranpal on June 24 (was May 8). <p>Victor mentions that at least one L2 NOIRLab manager will come from Rubin in the next week or two. These are all AURA internal.</p> <p>Zeljko:</p> <ul style="list-style-type: none"> • WFIRST cover all of WFD giving 7th band - paper suggests this would boost LSST merit by 2.4 • https://arxiv.org/abs/2004.04702 <p>Chuck Claver, Kevin Reil:</p> <ul style="list-style-type: none"> • ComCam is taking images (no filter changer yet; needs another lift) <p>Jeff Barr:</p> <ul style="list-style-type: none"> • Will try to do some work during next visit to the summit (electrical and casino). • Louver fabrication contract setup - some industrial capability starting up in Italy (and Spain). • Dome software advancing well - software is progressing in lock down. • No idea when restrictions will be lifted in Chile. <p>Vincent Riot:</p> <ul style="list-style-type: none"> • Possibly close out Camera project and move money to commissioning. Camera project at risk in MIE due to Covid-19 (due to reporting). • SLAC talking about getting back to work - Masks etc, 3 - 6 months . LSSTCam is considered critical so will be allowed back as early as possible. <p>Chuck Gessner:</p> <ul style="list-style-type: none"> • Back to work in Tucson potentially end of month (if state restrictions lifted). Tohono O'odham Nation extended lockdown to June 4. <ul style="list-style-type: none"> ◦ We note there are obvious problems with this when schools are closed. ◦ From the DM perspective, there will be no rush back to work until everything is safe.
CCB	Unknown User (gcomorett o)	<ul style="list-style-type: none"> • Usual few issues escalated.
Joint Agency Review of Operations	Wil O'Mullane	<ul style="list-style-type: none"> • Successfully completed! • Thanks to everybody who participated. • Recommendations for Data Production: <ol style="list-style-type: none"> 1. Strongly pursue resolution of the location of the operations phase US DF. This decision lies in the critical path for Data Production, and critical decisions and risk mitigation cannot proceed without this decision. 2. Develop a detailed schedule and cost impact estimate for the projected (April 2021) delay in the resolution of the US DF. Provide guidance for possibility of additional 6 month delay. 3. Develop a plan for start of Data Production with the currently projected delays due Covid-19, and potential construction project re-baselining. This plan should include schedule and cost impact estimates for an additional 6 month delay beyond the current projected baseline. 4. Expand staffing level validations to include additional comparisons data production projects of similar size. 5. Re-evaluate staffing levels in the Middleware and Algorithms teams for the second half of the survey and consider maintaining these teams at full strengths. 6. Develop strategies to retain expertise from the construction project as personnel funding shifts from NSF to DOE 7. Increase the sophistication of the storage and compute sizing models by including projected evolution of the processing power, decreased processing core costs, and evolution of algorithm sophistication. Potential models for investigating these trends can include historical trends observed over decade-long data production projects (Gaia, FERMI, LHC etc). • Recommendations for System Performance: <ol style="list-style-type: none"> 1. Consider strengthening the Verification and Validation team by the addition of a software engineer who would work on incorporating state-of-the-art techniques (e.g. machine learning) for a software solution that enables quick diagnosis of problems and scales well with time and data. [Report on this by October 2020] 2. Consider the addition of 1-2 additional FTE within the Community Engagement Team (CET) given its broad scope and for better coverage of the science goals. The success of the Community Engagement Team is key for maximizing the publication of scientific results on the four Rubin pillars as well as for uncovering potentially new territory. [Report on this by October 2020] • There was no mention of cybersecurity at this review (cf Director's Review, a few weeks ago). <ul style="list-style-type: none"> • There was some confusion in science collaborations about requests that went out from Bob/PST/someone about cybersecurity. But "no long term harm done".
DMLT F2F	John Swinbank	<ul style="list-style-type: none"> • In 3 weeks. • Please add topics to the suggestion box by this time next week. <ul style="list-style-type: none"> • Suggestion to spread over more days for smaller time per day.

	John Swinbank	<div>Test Plans due in the next 45 days</div> <div><div>KeySummaryTCreatedUpdatedDueAssigneeReporterPStatusResolution</div><div>No issues found</div><div>Milestones due in the next 45 days</div><div>keysummarytypcreatedupdateddueassigneereporterprioritystatusresolution</div><div><div><div><div></div><div>Jira project doesn't exist or you don't have permission to view it.</div></div><div>View these issues in Jira</div></div></div><div>LDM-503-06 — Michelle looking to see if this is something that could be done in with ComCam at the Base.<div><input checked="" type="checkbox"/>Unknown User (mbutler) — check whether LDM-503-06 can be completed with ComCam at the Base. 27 Apr 2020</div></div></div>
Risks or Schedule	Wil O'Mullane	<div><div><div><div></div><div>Jira project doesn't exist or you don't have permission to view it.</div></div><div>View these issues in Jira</div></div><div><div><div><div></div><div>Jira project doesn't exist or you don't have permission to view it.</div></div><div>View these issues in Jira</div></div></div><div><ul style="list-style-type: none">Next Risk Review Board meeting on 29 April.Risk dash boardRisk items needing reviewOverdue Risk ActionsRisk Actions due end of month<div><input checked="" type="checkbox"/>Wil O'Mullane, Fritz Mueller , John Swinbank — review risk items. 27 Apr 2020</div></div></div>
Any other business	Wil O'Mullane	<div><ul style="list-style-type: none">SPIE news will be forthcoming.</div>
DMLT travel & availability this week	Wil O'Mullane	<div><ul style="list-style-type: none">Wil O'Mullane , Tim Jenness , and Frossie Economou on red team review of TMT/GMT NOIRLab proposal</div>

RFCs

Overdue

key	summary	reporter	assignee	created	planned end
	<div><div><div><div></div><div>Jira project doesn't exist or you don't have permission to view it.</div></div><div>View these issues in Jira</div></div></div>				

Due this week


key	summary	reporter	assignee	created	planned end
	<div><div><div><div></div><div>Jira project doesn't exist or you don't have permission to view it.</div></div><div>View these issues in Jira</div></div></div>				

Action Items

Confluence Quick Tasks

Description	Due date	Assignee	Task appears on
<input type="checkbox"/> Frossie Economou Will recommend additional Level 3 milestones for implementation beyond just the DAX-9 Butler provenance milestone. 15 Mar 2022	15 Mar 2022	Frossie Economou	DM Leadership Team Virtual Face-to-Face Meeting, 2022-02-15 to 17
<input type="checkbox"/> Kian-Tat Lim Convene a meeting with Colin, Tim, Robert, Yusra to resolve graph generation with per-dataset quantities (likely based on Consolidated DB work). 18 Mar 2022	18 Mar 2022	Kian-Tat Lim	DM Leadership Team Virtual Face-to-Face Meeting, 2022-02-15 to 17
<input type="checkbox"/> Frossie Economou Write an initial draft in the Dev Guide for what "best effort" support means 17 Nov 2023	17 Nov 2023	Frossie Economou	DM Leadership Team Virtual Face-to-Face Meeting - 2023-Oct-24
<input type="checkbox"/> Convene a group to redo the T-12 month DRP diagram and define scope expectations Yusra AlSayyad 30 Nov 2023	30 Nov 2023	Yusra AlSayyad	DM Leadership Team Virtual Face-to-Face Meeting - 2023-Oct-24
<input type="checkbox"/> Gregory Dubois-Felsmann Complete DMTN-105 defining the goal for "Prompt Products Release Ops" 11 Dec 2023	11 Dec 2023	Gregory Dubois-Felsmann	DM Leadership Team Virtual Face-to-Face Meeting - 2023-Oct-24

DMLT-relevant Jira Tickets

key	summary	reporter	assignee	created	due
<div><div> Jira project doesn't exist or you don't have permission to view it.</div><div>View these issues in Jira</div></div>					