

LDM-240 updates, Spring 2015

Collection of DM subsystem updates to LDM-240 for all project years

READY FOR INTERNAL REVIEW



Preliminary version of LDM-240 merge

19 May 2015 A cut/paste error in the row labels for 02C.01.02 (SQuaRE) is corrected in v33 of LDM-240, uploaded [here](#) and on [Docushare](#).

11 May 2015 A slightly more polished version has been uploaded [here](#) and on Docushare: [LDM-240, internal version v32](#). This is meant to be used for a full internal review. The Docushare *preferred version remains v26* pending the completion of this update cycle and the necessary TCT and JK/MJ action.

04 May 2015 A new version is available with the posted updates from AP, DRP, and SUI, together with privately received updates from [Kian-Tat Lim](#) on interfaces, [Frossie Economou](#) on SQuaRE, and [Jeff Kantor](#) on networking and integration milestones. I have not been able to do an obsessive proofread of this version yet, and Jeff's addition of FY21 has not been carried through completely to all tabs.

23 Apr 2015 I have merged the available inputs into a new version of [LDM-240, internal version v29](#). This applies the WBS changes from [LCR-343](#). Initial inputs from 02C.01, 02C.03, and 02C.09 are still needed; I encourage people to apply them to v29 now rather than continue to work with an old version. The old "Use Cases" tab has been removed and the main roadmap tab is now called "Milestone Roadmap", per [Jeff Kantor's](#) future plan for this document, and the "Dependencies" tab is now called just that. LDM-240 v29 is available as an upload to this page and as Docushare [version 17](#). The Docushare *preferred version remains v26* pending the completion of this update cycle and the necessary TCT and JK/MJ action.

To be explicit, please use v29 as your base and use v29_(string) in your filename and the internal version number, if you need to create a new version. To request minor changes, you can also just post comments to this Confluence page.

The reference copy of [LDM-240](#) to begin this process is internal version v27, available in [Docushare](#) and as an [attachment to this page](#). v27 differs from the March 20th baseline of v26 **only** in that all the missing WBS items concerning hardware, networking, and integration have been added to 02C.07, 02C.08, and 02C.09.

Subsystems are asked to review and update their rows (only) in the two tabs "Software Development Roadmap" and "Dependencies (transposed)". Note that the dependency rows for WBS item X should record, in column Y, the other DM WBS components' release versions that **version Y of X** needs - that is, you record what you depend on, and how that evolves, not what depends on you. It is now possible, and useful, for you to record dependencies against the newly added hardware and networking WBS items.

It is acceptable to suggest changes to WBS item names, or even additions or changes to the structure. This is easiest at the fourth level and below, though if a significant increase in clarity is achieved by changes at the third level, they can be considered.

If you spot the need for changes to other rows, please alert the CAM for that subsystem of that and have the changes come through their update. This will help ensure a consistent understanding of the plan.

For this update cycle, **you are also invited to suggest changes or additions to the Key Performance Metrics tab.**

The **"SW Dev Roadmap - Use Cases" tab should not be edited.** The intent is that this be replaced by a representation of the traceability of JIRA Agile Epics to the Roadmap entries.

When you have a draft, please update the version string in cell I1 of "Software Development Roadmap" to something like "v27_(string)", and upload a copy to this page. All the updates will be collected centrally and edited into a new common version. We appreciate your patience with this rather old-fashioned

process and are looking for better tools for future cycles:



[RFC-17](#) - Jira project doesn't exist or you don't have permission to view it.

Reference material

- LSST WBS Dictionary ([LPM-44](#)) and WBS Structure ([LPM-43](#))

Action items

(Due dates are from DMLT meeting minutes of recent weeks.)

- ✓ Frossie Economou 23 Mar 2015 Provide first pass of updates to SQuaRE sections in 02C.01; analyze 02C.07.03.01 for parts that should move to SQuaRE
- ✓ Gregory Dubois-Felsmann, Frossie Economou 23 Mar 2015 Provide first pass of updates to Level 3, 02C.01.02.02

- ✓ Kian-Tat Lim, Gregory Dubois-Felsmann 23 Mar 2015 Determine what, if anything, is worth mentioning in the 02C.02 (Systems Engineering) section
- ✓ Simon Krughoff 23 Mar 2015 Provide first pass of updates to Alert Production (UW), 02C.03
- ✓ John Swinbank 23 Mar 2015 Provide first pass of updates to Data Release Production (Princeton), 02C.04
- ✓ Unknown User (ciardi), Unknown User (xiuqin) 23 Mar 2015 Provide first pass of updates to SUI (IPAC), 02C.05
- ✓ Jacek Becla 23 Mar 2015 Provide first pass of updates to Databases (SLAC), 02C.06
- ✓ Donald Petravick, Margaret Gelman 23 Mar 2015 Provide first pass of updates to NCSA sections, 02C.07 and 02C.08
- ✓ Jeff Kantor, Unknown User (rlambert) 28 Apr 2015 Provide information for NOAO (networking) rows, 02C.08.03
- ✓ Mario Juric 23 Mar 2015 Determine what, if anything, is worth mentioning in the 02C.09 (Integration) section
- ✓ Gregory Dubois-Felsmann, Kian-Tat Lim 23 Mar 2015 Update external interface information
- ✓ Mario Juric, Kian-Tat Lim 23 Mar 2015 Update release goals, data in, data out
- ✓ Gregory Dubois-Felsmann 27 Mar 2015 First pass of integration of inputs
- ✓ Gregory Dubois-Felsmann 28 Apr 2015 Second pass of integration of inputs (esp. 02C.01, 02C.03, 02C.09)
- ✓ Mario Juric, Kian-Tat Lim 31 Mar 2015 Review integration of inputs

Subsystem input files

File	Modified
Microsoft Excel Spreadsheet LDM-240 20150519-v33.xlsx Corrected offset row labels in 02C.01.02. Internal version v33.	May 19, 2015 by Gregory Dubois-Felsmann
Microsoft Excel Spreadsheet LDM-240 20150511-v32.xlsx Cleaned up formatting - version for internal review. Added change log comments.	May 11, 2015 by Gregory Dubois-Felsmann
Microsoft Excel Spreadsheet LDM-240 20150423-v31.xlsx Posted updates, plus inputs from JK, KTL, FE	May 04, 2015 by Gregory Dubois-Felsmann
Microsoft Excel Spreadsheet LDM-240 20150422-v30_drp_app.xlsx Same as v29_drp but with updates for the Alert Production Pipeline.	Apr 27, 2015 by Simon Krughoff
Microsoft Excel Spreadsheet LDM-240 20150422-v29_XW.xlsx	Apr 27, 2015 by xiuqin
Microsoft Excel Spreadsheet LDM-240 20150422-v29_drp.xlsx Minor updates to 02C.04 (dropping the "improved XXX" milestones per DMLT advice)	Apr 23, 2015 by John Swinbank
Microsoft Excel Spreadsheet LDM-240 20150422-v29.xlsx Draft of merged changes so far	Apr 22, 2015 by Gregory Dubois-Felsmann
Microsoft Excel Spreadsheet LDM-240 20150422-v28-SLAC.xlsx with new 02C.06 WBS structure	Apr 22, 2015 by Jacek Becla
Microsoft Excel Spreadsheet LDM-240 20150319-MWG-v27.xlsx	Apr 06, 2015 by Margaret Gelman
Microsoft Excel Spreadsheet LDM-240 20150319-v27-XW.xlsx	Apr 02, 2015 by xiuqin
Microsoft Excel Spreadsheet LDM-240 20150402-v28-SLAC.xlsx updated slac section	Apr 02, 2015 by Jacek Becla
Microsoft Excel Spreadsheet LDM-240 20150319-v27_jds:drp.xlsx	Mar 23, 2015 by John Swinbank
Microsoft Excel Spreadsheet LDM-240 20150319-v27.xlsx New starting point. Added missing WBS elements (hardware, networking, system integration) in 02C.07, 02C.08, and 02C.09. Internal version v27.	Mar 23, 2015 by Gregory Dubois-Felsmann

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