LaRC Compliance Matrix for Class E Software (non-Safety Critical)

***Instructions****: For each STEP listed below, complete the 3rd and 4th column of this matrix; complete all remaining columns for each tailoring request. Obtain the approvals listed at the bottom of the matrix for tailoring.* ***Note:*** *To add additional rows within a STEP, right click on a cell in the middle of the row, select “Insert,” select “Insert Rows Above” or “Insert Rows Below”; follow a similar process for adding columns.*

**Project Title: The Modified Snowmelt Runoff Model for Forecasting Water Availability in Chile**

**Org Code: E3**

**Date Approval Completed: September 22th, 2014** [SWE-125]

| **LMS Procedure** | **Planned Implementation** | **Tailoring** |
| --- | --- | --- |
| **Step****#** | **LMS-CP-7150.6** **Step Name** | **Tailored Step or substep ID#** | **Responsible party** | **If an LMS CP step is tailored, explain the tailoring requested** | **Impacts/risks associated with the tailoring request** | **Justification for tailoring requests (why impacts and risks are acceptable)** |
| 1 | **Develop the Software Management Plan (SMP) for the project**  | None | Jeffry Ely & Kenton Ross (This SMP fulfills requirements specified in LMS-CP-7150.6 Appendix A for the software specified in this plan.) |  |  |  |
| 2 | Review SMP and Compliance Matrix | None | Jeffry Ely & Kenton Ross |  |  |  |
| 3 | Execute SMP and manage software activities | None | Jeffry Ely |  |  |  |
| 4 | Develop, test, and deliver Software Products/Data | None | Jeffry Ely |  |  |  |

**Additional Approvals Required (ONLY if Tailoring is Requested)** (See LPR 7150.2, Section 2, Tailoring and Waivers.)

**[[1]](#footnote-1)Responsible Project personnel: Date: Approved** N/A

**Mission Assurance Branch (C201): Date: Approved** N/A

**[[2]](#footnote-2)Software Engineering Process Group Rep: Date: Concurred** N/A

**[[3]](#footnote-3)Technical Authority (OUM): Date: Approved** N/A

**[[4]](#footnote-4)Other: Date: Approved** N/A

1. Individuals accepting the risk associated with the tailoring. [↑](#footnote-ref-1)
2. The Software Engineering Process Group representative from the Science Directorate. [↑](#footnote-ref-2)
3. Head, Research Directorate. [↑](#footnote-ref-3)
4. This may be the LaRC Director SMA Office, NASA HQ CE, or HQ Chief SMA (see LPR 7150.2A for approvals required). [↑](#footnote-ref-4)