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| **Window Lifter Review Document** |

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| **History** | | | | |
| **Issue status**  (Index) | **Maturity/Date**  (draft/invalid/valid)  (dd-mmm-yyyy) | **Author**  Department | **Check/Release**  Department | **Description** |
| 1.0 | 27/07/2015 | Misael AD Kevin CG | AEP | Creation of the document |
| 2.0 | 27/07/2015 | Diego Flores David Rosales | AEP | Review #1 of the document. |

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# Reference Documents

|  |  |  |
| --- | --- | --- |
|  |  |  |
| *1* | [*DSD State Machines*](DSD_STATE-MACHINES.docx) |  |
| 2 | [*Traceability matrix*](../1.0%20Requirements/Traceability%20Matrix%20Template.xlsm) |  |
| 3  4 | [DSD System](2.0%20Design/DSD_System.docx)  [Code](../source/EWCM.mcp) |  |

# TRACEABILITY MATRIX TEMPLATE

* Review #1 (27/07/2015)

|  |  |  |
| --- | --- | --- |
| Comment No. | Comment Description | Status |
| 1 | Requirement 4 should be a Non-Functional requirement, not a comment. | Fixed |
| 2 | Link requirements to the WL requirement document for reference. | Fixed |
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# DESIGN SYSTEM DOCUMENT

## Window Lifter State Machine Design System Document

* Review #1 (27/07/2015)

|  |  |  |
| --- | --- | --- |
| Comment No. | Comment Description | Status |
| 1 | Update contents table. | Fixed |
| 2 | Provide a more extensive purpose for the document. | Fixed |
| 3 | Add abbreviations. | Fixed |
| 4 | Describe Use Case diagram, its actors and use cases. | Fixed |
| 5 | Modify Sequence Diagrams according to the proper distribution. | Fixed |
|  |  |  |

# IMPLEMENTATION

## Code Review

* Review #1 (27/07/2015)

|  |  |  |
| --- | --- | --- |
| Comment No. | Comment Description | Status |
| 1 | Comment every “if” and “else” in the code. | Pending |
| 2 | Only call functions in scheduler, not code blocks. | Pending |
| 3 |  |  |
| 4 |  |  |
| 5 |  |  |
|  |  |  |

# Module Verification & SW Validation

## Module Verification Review

* Review #1 (27/07/2015)

|  |  |  |
| --- | --- | --- |
| Comment No. | Comment Description | Status |
| 1 | Complete all tests. | Fixed |
| 2 | Add graphical evidence of tests. | Fixed |
| 3 | Fix template (both test cases and test details in the same doc.) | Pending |
| 4 |  |  |
| 5 |  |  |
|  |  |  |

## SW Validation Review

Static Code Check was made using the Scitools SW “Understand” for the files we generated for the EWCM.

Almost every “error” was fixed, but for some of them which aren’t modifiable because of our system composition. Those were commented on the code for justification means.

Some of the generated Code Checks Results are included in this [document](CodeChecks).