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| Bosch_LA_S | **Walkthrough Protocol Template** |  |

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| date: | 12/09/2016 | project:  (SW-CSIS) |  | review initiator: | EXTERNAL Nguyen Trung Hieu (Ban Vien, RBVH/EPS45) |
| effort:  [hours] | 0.5 | baseline: |  | review partner: | (RBVH/ESS3) |

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|  | review item | attachment  [e.g. ASCET print-out] |
| 1 | Test script |  |
| 2 | Test specification |  |
| 3 | Test summary  C0: c0% C1: c1% |  |

Hint: For ASCET configurations, up to 10 additional review item lines are possible (insert manually)

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| affected  item | finding | comment | impact  [major / minor] | correction / OTL  (CSCRM-No) |
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|  | **Checklist for Review of Master Test Plan concerning content** |
| MTP 1 | Is the Master Test Plan under full Version Control? |
| MTP 2 | Is the Project name given? |
| MTP 3 | Are all relevant Waivers listed? |
| MTP 4 | Are the project specific test goals and strategy given, if there are deviations from the generic test goals and strategy? |
| MTP 5 | Are all project specific Tailoring listed? |
| MTP 6 | Are all project specific Test Campaigns listed? |
| MTP 7 | Are all project specific Test Reports listed? |
| MTP 8 | Is the Master Test Plan approved? |
| MTP 9 | Are all relevant references given? |
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|  | **Checklist for Review of Test Case Specification** |
| TCS 1 | Are all test cases labeled by a unique identifier? |
| TCS 2 | Do all test cases specify the needed stimulation? |
| TCS 3 | Do all test cases specify the expected result? |
| TCS 4 | optional: Does the test specification reference to the according object under test? |
| TCS 5 | optional: Is the test specification consistent with the specification of the object under test (concerning content)? |
| TCS 6 | optional: Is the derivation of test cases logically consistent? |
| TCS 7 | optional: Is the test intensity and the test design technique documented in the test specification? Has it been applied correctly? |
| TCS 8 | optional: Are all references to the preceding document documented? (e.g. FNID, requirements ID, …) |

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|  | **Confirmation Review Checklist for Item Integration and Testing Plan Validation Plan** |  |
| IITP 1 | Is a system integration strategy available which is based on the system design specification and the related safety concepts | ISO 26262-4, 8.4.1.2 |
| IITP 2 | Is a system integration test strategy available which is based on the system design specification and the related safety concepts | ISO 26262-4, 8.4.1.2 |
| IITP 3 | Is the HW-SW integration activity planned? | ISO 26262-4, 8.4.1.3a |
| IITP 4 | Is the HW-SW integration test activity planned? | ISO 26262-4, 8.4.1.3a |
| IITP 5 | Are the HW-SW integration tests referenced in the CSIS system test schedule? | ISO 26262-4, 8.4.1.3b |
| IITP 6 | Are the vehicle integration tests referenced in the CSIS system test schedule? | ISO 26262-4, 8.4.1.3b |
| IITP 7 | Do the integration test plans include test cases related to interfaces between vehicle subsystems? | ISO 26262-4, 8.4.1.3c |
| IITP 8 | Is a test strategy available for covering all (or an appropriate subset of) variants contained in the system? | ISO 26262-4, 8.4.1.4 |
| IITP 9 | Is the test equipment covered by the quality system? | ISO 26262-4, 8.4.1.5 |
| IITP 10 | Does the test plan cover the following aspects: | ISO 26262-8, 9.4.1.1 |
| IITP 11 | a) reference to the work product under test | ISO 26262-8, 9.4.1.2 |
| IITP 12 | b) the methods used for verification (test, review et al) | ISO 26262-8, 9.4.1.3 |
| IITP 13 | c) the pass and fail criteria for the verification, | ISO 26262-8, 9.4.1.4 |
| IITP 14 | d) the test environment | ISO 26262-8, 9.4.1.5 |
| IITP 15 | e) the test tools used | ISO 26262-8, 9.4.1.6 |
| IITP 16 | f) defect management | ISO 26262-8, 9.4.1.7 |
| IITP 17 | g) the regression strategy | ISO 26262-8, 9.4.1.8 |

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| **Sl.No** | **UT DNC Checklist** | **Points to look for** | **Yes/No/NA** |
| **Generic** | | | |
| **UT1** | Are Walk-through protocol information (Review Item, Attachment, BL, Project) valid? |  | Yes |
| **Checklist for UT Specification** | | | |
| **UT2** | Is the Test specification under review derived from the related dSD? |  | Yes |
| **UT3** | Are all the path, instructions, decision (C0, C1) of the related dSD cover by a UT specification? |  | Yes |
| **UT4** | Are all mandatory attributes of the UT specification filled? |  | Yes |
| **UT5** | Is the content of each test stimuli information correct? |  | Yes |
| **UT6** | Does dSD have different Variant implementation or Function switches? If yes, then is the test configuration created for each variant? |  | Yes |
| **Checklist for implemented test cases** | | | |
| **UT7** | Is the test case implemented and executed using the HSWSim / Cantata++ framework? |  | Yes |
| **UT8** | Are all the test cases documented as pass in the test report? |  | Yes |
| **UT9** | Is the Code coverage (C0 and C1) documented as 100% in the test report? If No, all deviations are documented? |  | Yes |
| **UT10** | Are All the deliverables ready? a) .TPA file  b) .mdt Association c)Test cases folder d) Coverage results |  | Yes |