QMS 3.1 Release Note

# Release Date:

05-Oct-2019

# Principal Changes:

1. Minor updates to template in line with IR feedback and other miscellaneous issues.

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| --- | --- |
| QMS Revision | 3.1 |
| Principal changes in this revision | Minor updates to template in line with IR feedback and other miscellaneous issues. |
| Location of the new QMS | SVN |
| Deployment criteria | All new projects |
| Processes under Pilot, and their deployment | None |
| QMS release training Date, Time and venue | 05-Oct-2019 |
| QMS release training- Trainer | Jalaj Mathur |
| QMS release training – Audience | All project and support function stakeholders |
| Suggestions invited at- | Process Improvement Log |
| QMS release Note | QMS 3.1 Release Note |

|  |  |
| --- | --- |
| File Name | Check in Comment (Msg) |
| GDLN\_TEAMING.docx | Updates to SM R&R |
| TMPL\_FUNSPC.xlsx | Constraints and assumptions made explicit |
| TMPL\_RSKMTX.xlsx | 1. Updated to include opportunity handling 2. Consolidated Action Plans 3. Actual Date of Completion added to Action Plans |

QMS 3.0 Release Note

# Release Date:

06-Sep-2019

# Principal Changes:

1. Minor procedural updates in line with IR feedback and other miscellaneous issues.

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| --- | --- |
| QMS Revision | 3.0 |
| Principal changes in this revision | Minor procedural updates in line with IR feedback and other miscellaneous issues |
| Location of the new QMS | SVN |
| Deployment criteria | All new projects |
| Processes under Pilot, and their deployment | None |
| QMS release training Date, Time and venue | 07-Sep-2019 |
| QMS release training- Trainer | Jalaj Mathur |
| QMS release training – Audience | All project and support function stakeholders |
| Suggestions invited at- | Process Improvement Log |
| QMS release Note | QMS 3.0 Release Note |

# Detailed Changes:

|  |  |
| --- | --- |
| File\_Name | Check in Comment (Msg) |
| CHKL\_AUDITT.xlsx | Defect Analysis checkpoint added in Audit Checklist in D&I phase audit, Integration phase audit and Validation phase. |
| MSTL\_CMLIST.xlsx | PEG MOM added in CI list |
| PRCD\_AUDITT.docx | Audit planning has been described in more detail. |
| PRCD\_CONFIG.docx | Log names corrected in Configuration Management procedure and implementation procedure. |
| PRCD\_DARPRC.docx | Guidelines for decision authority have been added. |
| PRCD\_IMPINT.docx | Log names corrected in Configuration Management procedure and implementation procedure. |
| PRCD\_MEASUR.docx | Data quality checks built into the template have been formally specified in the procedure. |
| PRCD\_ORGFCS.docx | Minor editorial changes. Role for Sr. Management made more explicit. |
| PRCD\_PERREV.docx | Root cause analysis made more explicit. Template added for Root Cause Analysis. |
| PRCD\_PRJMAC.docx | Issue handling has been made systematic and explicit. Template added. |
| PRCD\_REQDEV.docx | Minor editorial changes. |
| PRCD\_VALDTN.docx | Root cause analysis made more explicit. Template added for Root Cause Analysis. |
| TMPL\_BKPPLN.docx | Date of applicability added in response to Audit findings. |
| TMPL\_ESTFNL.xlsx | Estimation for the final phase now has a lower cap of 8 person hours. The values remain unchanged if this gets calculated to a value more than 8. |
| TMPL\_MINMET.xlsx | As per Process improvement proposal, the actual date of completion and Who (responsible person) added in action item sheet of Minutes of Meeting template. |
| TMPL\_PRJPLN.docx | Escalation plan covers Risk based escalation criterion by default. |
| TMPL\_ROCSAN.xlsx | Template added for Root Cause Analysis. |
|  | The template for root cause analysis has been formalized and structured in line with the "Template for Templates". The projects must insert sheets as and when required to do detailed root cause analysis both in management areas and technical areas. |

SVN Repositry Revision : 348

# Audited By :

Deendayal Kumawat.

QMS 2.4 Release Note

# Release Date:

15-Jul-2019

# Principal Changes:

1. Minor procedural updates in line with SCAMPI feedback and other miscellaneous issues.

|  |  |
| --- | --- |
| QMS Revision | 2.4 |
| Principal changes in this revision | Minor procedural updates in line with SCAMPI feedback and other miscellaneous issues |
| Location of the new QMS | SVN |
| Deployment criteria | All new projects |
| Processes under Pilot, and their deployment | None |
| QMS release training Date, Time and venue | 16-Jul-2019 |
| QMS release training- Trainer | Jalaj Mathur |
| QMS release training – Audience | All project and support function stakeholders |
| Suggestions invited at- | Process Improvement Log |
| QMS release Note | QMS 2.4 Release Note |

# Detailed Changes:

|  |  |
| --- | --- |
| **File\_Name** | **Check in Comment (Msg)** |
| **PRCD\_AUDITT.docx** | Audit findings analysis formalised. |
| **PRCD\_DESIGN.docx** | Guidelines section updated to include guidance on selection of typical product component solutions. |
| **PRCD\_MEASUR.docx** | Procedure mandates communication of the metrics report to all stakeholders and PEG. |
| **PRCD\_ORGFCS.docx** | Tailoring Proposal google form and database mentioned as process improvement inputs. |
| **TMPL\_FUNSPC.xlsx** | Source of need added in FS |
| **TMPL\_INTDSN.docx** | CTQs added. |
| **TMPL\_MINMET.xlsx** | Minutes of meeting template has been updated to include absent members. These members must also be informed of the action items from the meeting. |
| **TMPL\_PQARVW.xlsx** | Status of the improvements undertaken as a result of QA is now an explicit point of review. |
| **TMPL\_QMSREL.docx** | Added deployment information in QMS Release note. |
| **TMPL\_RSKMTX.xlsx** | Risk matrix now incorporates key assumptions/ constraints and dependencies as triggers for risk identification. |
| **TOOL\_MESURE.xlsm** | Measurement and Analysis/TOOL\_MESURE.xlsm now contains variances \*up to\* the phase in addition to \*phase wise\* to better reflect project performance. |
|  |  |

SVN Repositry Revision : 308

# Audited By :

Not deemed required for Minor Version Release.

QMS 2.3 Release Note

# Release Date:

07-Apr-2016

# Principal Changes:

1. Template for Training attendance sheet, Feedback reports added and their reference mentioned in Training procedure.
2. All test cases templates revised by addition of date of testing.

# Detailed Changes:

|  |  |
| --- | --- |
| **File\_Name** | **Check in Comment (Msg)** |
| TMPL\_PRJPLN.docx | Naming convention help text added in CM plan sec. of Project Plan. Template version revised from 5 to 6. |
| TMPL\_ATNSHT.xls | TMPL\_ATNSHT.xls: Attendance sheet template. Template version 1. |
| Monthly Training Calendar.xls | Monthly Training Calendar.xls: Format updated for monthly training plan. |
| TMPL\_FBTRNR.docx | TMPL\_FBTRNR.docx: Trainer's feedback form. Template version 1. |
| PRCD\_TRAING.docx | PRCD\_TRAING.docx: At task 23 and 24 added references of Attendance sheet template, Participants, feedback form and Trainer's feedback form. |
| TMPL\_FBPRTC.docx | TMPL\_FBPRTC.docx: Participants feedback form. Template version 1. |
| PRCD\_MEASUR.docx | Typographical correction in definition of Product's Defect Density in task 6 and task 16. |
| TMPL\_INTCAS.xlsx | Date of testing added, Existing Date modified as date of preparation. Template version revised from 1 to 2. |
| TMPL\_SYSCAS.xlsx | Date of testing added, Existing Date modified as date of preparation. Template version revised from 1 to 2. |
| TMPL\_FWTCAS.xlsx | Date of testing added, Existing Date modified as date of preparation. Template version revised from 1 to 2. |
| TMPL\_HWTCAS.xlsx | Date of testing added, Existing Date modified as date of preparation. Template version revised from 1 to 2. |
| TMPL\_MCTCAS.xlsx | Date of testing added, Existing Date modified as date of preparation. Template version revised from 1 to 2. |
| TMPL\_VALRPT.xlsx | SVN Repository number filed added. Template version revised from 2 to 3. |
| PRCD\_CONFIG.docx | Naming convention for Audit reporting tool added. |

SVN Repositry Revision : 265

# Audited By :

Not deemed required for Minor Version Release.

QMS 2.2 Release Note

# Release Date:

02-04-2016

# Principal Changes:

1. Modifications in Measurement tool (TOOL\_MEASUR) to track overlapped and negative efforts.
2. Brief description to be added in FS template.
3. Naming conventions added for support group activities’ remaining artefacts.

# Detailed Changes:

|  |  |
| --- | --- |
| **File\_Name** | **Check in Comment (Msg)** |
| TOOL\_MESURE.xlsm | 1. Mechanism for negative effort and overlapped efforts tracking added in tool. 2. Tool version revised from 2 to 3. |
| TMPL\_FUNSPC.xlsx | Project's Description field added. Template version revised from 2 to 3. |
| PRCD\_IMPINT.docx | Task 25: Log name corrected as “Review and Testing Defect Log”. |
| PRCD\_PRJMAC.docx | Task 24: Log name corrected as “Project Learnings” log |
| TMPL\_QMSREL.docx | Typographical correction. (Principle to Principal) Template version revised from 3 to 4. |
| TMPL\_VALRPT.xlsx | Validation report number field added and repository number field removed. Template version revised from 1 to 2. |
| TOOL\_SMTSRW.xlsx | Initial version of Tool for Time sheet monitoring by Sr. management. Tool Version 1. |
| TMPL\_MINMET.xlsx | Agenda for Monthly meeting (PPQA Group) and SM review (Training Group) added in instructions for use. Template version revised from 3 to 4. |
| TMPL\_ADTSCH.xlsx | Baseline start, Baseline End , Planned start and end date fields added. Template version revised from 2 to 3. |
| TMPL\_ADTPLN.docx | Footnote from index page removed. Sec. 11 added as Escalation plan. Typographical corrections done. Template version revised from 1 to 2. |
| PRCD\_CONFIG.docx | Naming conventions for Artefacts of Support group (PPQA. PEG, Training, IT Infra, PEG) added for missing artefacts. |
| MSTL\_CMLIST.xlsx | Senior Management review list for PPQA group added in list. |

SVN Repositry Revision : 252

# Audited By :

Not deemed required for Minor Version Release.

QMS 2.1 Release Note

# Release Date:

17-03-2016

# Principle Changes:

1. Project’s Phase added in MOM template i.e. TMPL\_MINMET.
2. Elaboration Column added in RTT sheet.
3. Need source and target source added in Project information section of Project Plan template (TMPL\_PRJPLN)

# Detailed Changes:

|  |  |
| --- | --- |
| **File\_Name** | **Check in Comment (Msg)** |
| TMPL\_ESTFRW.xlsx | Formula embed in missing rows in complexity column of final complexity estimation sheet. Template version revised from 4 to 5. |
| TMPL\_MINMET.xlsx | Project' phase added in MOM template. Template version revised from 2 to 3. |
| TMPL\_REQTRT.xlsx | Elaboration of need column added in Agreed and Developed requirements sheet. Template version revised from 3 to 4. |
| PRCD\_PRJPLN.docx | Task 13: Tailoring approval by deputy head removed and modified as PEG team for approval when one of the PEG member is project manager. |
| TMPL\_CLOSRE.docx | Risk log removed from TDP as this log does not exist. Template version revised from 1 to 2. |
| TMPL\_PRJPLN.docx | 1. Need Source and Target customer added in Project information (sec. 1) 2. Risk log section modified as risks identified in sec 12.3 3. Template version revised from 4 to 5. |

SVN Repositry Revision : 227

# Audited By :

Not deemed required for Minor Version Release.

QMS 2.0 Release Note

# Release Date:

18-02-2016

# Principle Changes:

1. Additon of instructions for use in Funtional Specification Template (TMPL\_FUNSPC).
2. Additon of agenda list for Senior management review of PPQA and PEG group (TMPL\_PQARVW and TMPL\_PEGRVW).
3. Additon of Principle changes section in QMS Release Note Template (TMPL\_QMSREL).
4. Addtion os Points to Cover in QMS release training in QMS requirement template (TMPL\_QMSREQ).
5. Modifications in Release process of QMS Major/Minor Vesion (PRCD\_ORGFCS). This change would be carried out as a Pliot Processs for PEG Group.
6. Modifications in Organization’s Training Tool for feedback assessment received from participants.

# Detailed Changes:

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| --- | --- |
| **file\_name** | **Check in Comment (Msg)** |
| PRCD\_PRJPLN.docx | A task (27) added for project plan review, Project manger would be responsible for plan getting reviewed. |
| PRCD\_PRJMAC.docx | Task 10: Use of Minutes of meeting template "TMPL\_MINMET" added to record the minutes of meeting with senior management. |
| TMPL\_QMSREL.docx | Principle changes sec. added in Release note template. Detailed changes sec. modified as tabular format in release note template. Template version revised from 2 to 3. |
| TMPL\_QMSREQ.xlsx | Points to cover in Post release training added. Template version revised from 1 to 2. |
| TMPL\_FUNSPC.xlsx | Instruction for use sheet added as guidelines to prepare functional specifications. Template version revised from 1 to 2. |
| PRCD\_VALDTN.docx | Task 3: Use of checklist added for system test case review. |
| TMPL\_REQTRT.xlsx | Remarks column added in RTT. Template version revised from 2 to 3. |
| PRCD\_TRAING.docx | Task 25.1 added to update the organization’s personnel database. |
| TMPL\_PRJPLN.docx | PRCD\_PRJPLN.docx Typographical correction done. TMPL\_PRJPLN.docx Configuration audit sec. added in CM plan sec (11). |
| PRCD\_PRJPLN.docx | PRCD\_PRJPLN.docx Typographical correction done. TMPL\_PRJPLN.docx Configuration audit sec. added in CM plan sec (11). |
| PRCD\_ORGFCS.docx | Task 4: Point related to PAL added. Task 19: QMS pre-release audit criteria modified. In guidelines section QMS Major and Minor version release modified. |
| TMPL\_PEGRVW.xlsx | PRCD\_ORGFCS.docx At task 11 use of review agenda checklist added. TMPL\_PEGRVW.xlsx: First draft of Senior management review agenda list for PEG Review. |
| PRCD\_ORGFCS.docx | PRCD\_ORGFCS.docx At task 11 use of review agenda checklist added. TMPL\_PEGRVW.xlsx: First draft of Senior management review agenda list for PEG Review. |
| CHKL\_ADTTRN.xlsx | Point for Monthly tactical plan approval and DAR for Trainer selection removed. Template version revised from 1 to 2. |
| TMPL\_FUNSPC.xlsx | Typographical corrections done. |
| CHKL\_CODRVW.xlsx | Points 25 to 28 added for Firmware Design Review. Template version revised from 1 to 2. |
| TMPL\_PQARVW.xlsx | PRCD\_AUDITT.docx Task 20 added for Senior Management review of PPQA activities. TMPL\_PQARVW.xlsx Senior Management Review agenda list added for PPQA Review. |
| PRCD\_AUDITT.docx | PRCD\_AUDITT.docx Task 20 added for Senior Management review of PPQA activities. TMPL\_PQARVW.xlsx Senior Management Review agenda list added for PPQA Review. |
| Training Database.xlsx | 1. Instruction for use added in Introduction sheet. 2. Formulas modified for averaging of Feedback received from Participants. 3. Template version revised from 1 to 2. |

SVN Repositry Revision : 213

# Audited By :

Mr. Shyam Krishan Soni

QMS 1.3 Release Note

Release Date: 19-Nov-2015

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| --- | --- |
| **File Name** | **Check in Comment (Msg)** |
| CHKL\_AUDITT.xlsx | 1. Module testing sheet removed, Concerned points of module testing audit added in Design and Implementation sheet.  2. Milestone review related points remove from PMC section of Initiation and RD phase.  3. Metrics report related point added in PMC section of Initiation and RD phase.  1. Planning sheet : Points related to schedule and risk matrix review removed.  2. Planning sheet: A point added as (Has the approved plan intimation mail been done to all relevant stakeholders?)  3. Template version from 2 to 3. |
| CHKL\_ITAUDT.xlsx | 1. Two points added point 7: Are the Backups made regularly as per defined schedule? point 8: Are All the Backup Items are there in the Plan?  2. Template version from 2 to 3. |
| CHKL\_MLSRVW.xlsx | Checklist for milestone review added.  PRCD\_PRJMAC.docx: Senior management review and milestone review merged in a single task (task 10). Use of milestone review agenda list added.  TMPL\_MLSRVW.xlsx: Renamed from checklist to template.  CHKL\_MLSRVW.xlsx: Redundant file removed due to renaming. |
| CHKL\_PLNREV.xlsx | 1. At point 7: SDLC modified to Product development life cycle.  2. Template version from 1 to 2. |
| GDLN\_TAILOR.docx | 1. In project life cycle release phase modified to Release and Closure. |
| MSTL\_CMLIST.xlsx | 1. MPP Type changed from base lined to controlled.  2. Milestone review agenda list added in master list. |
| PRCD\_CONFIG.docx | 1. Naming convention for annual QA plan and audit schedule modified. |
| PRCD\_PRJMAC.docx | At task 10: Use of “Milestone Review Checklist” (CHKL\_MLSRVW) added.  PRCD\_PRJMAC.docx: Senior management review and milestone review merged in a single task (task 10). Use of milestone review agenda list added.  TMPL\_MLSRVW.xlsx: Renamed from checklist to template.  CHKL\_MLSRVW.xlsx: Redundant file removed due to renaming.  Task 5: Agenda item added for Project data backups and restoration in team meetings. |
| PRCD\_PRJPLN.docx | At task 5: Agenda item added for customer requirement capture and action item for requirement elicitation. |
| TMPL\_ADTSCH.xlsx | 1. Actual date split-ed into Actual start date and actual finish date.  2. Template version revised from 1 to 2. |
| TMPL\_ESTFNL.xlsx | 1. No complexity added in data validation.  2. Automatic zero efforts added for No complexity estimations.  3. Template version revised from 3 to 4. |
| TMPL\_ESTFRW.xlsx | 1. No complexity added in data validation.  2. Automatic zero efforts added for No complexity estimations.  3. Template version revised from 3 to 4. |
| TMPL\_ESTHDW.xlsx | 1. No complexity added in data validation.  2. Automatic zero efforts added for No complexity estimations.  3. Template version revised from 3 to 4. |
| TMPL\_ESTMCH.xlsx | 1. No complexity added in data validation.  2. Automatic zero efforts added for No complexity estimations.  3. Template version revised from 3 to 4. |
| TMPL\_MLSRVW.xlsx | PRCD\_PRJMAC.docx: Senior management review and milestone review merged in a single task (task 10). Use of milestone review agenda list added.  TMPL\_MLSRVW.xlsx: Renamed from checklist to template.  CHKL\_MLSRVW.xlsx: Redundant file removed due to renaming. |
| TMPL\_PRJPLN.docx | 1. Sec. 12.2: Review plan modified.  2. Template version from 2 to 3.  1. Typographical modifications done. |
| TMPL\_QMSREL.docx | 1. 'Title' and 'modified' removed.  2. Template version from 1 to 2. |
| TMPL\_REQTRT.xlsx | 1. VER/VAL ID removed and Module Test, Integration test and System test IDs added in agreed and developed requirements sheet.  2. Template version revised from 1 to 2. |
| TMPL\_RSKMTX.xlsx | 1. Formula for RPN calculation added in risk matrix sheet.  2. Drop down source column of risk matrix sheet corrected.  3. Template version revised from 2 to 3. |
| TOOL\_MESURE.xlsm | 1. Project code selection removed from all sheets and added at introduction sheet.  2. Actual efforts and date of completion made to zero by default.  3. Tool version revised from 1 to 2. |

SVN Repositry Revision : 173

# Audited By :

Mr. Manindera Singh

QMS 1.2 Release Note

Release Date: 15-Sep-2015

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| --- | --- |
| **File Name** | **Msg** |
| CHKL\_ADTPQA.xlsx | 1. IT audit checklist modified. (Changed Review format to Audit Format) 2. PPQA audit checklist removed. |
| CHKL\_ITAUDT.xlsx | 1. IT audit checklist modified. (Changed Review format to Audit Format) 2. PPQA audit checklist removed. |
| GDLN\_ESTMAT.docx | PCB Layout factor added in hardware estimation guidelines.  Re usability section in estimation of Firmware, Mechanical and Hardware modified. |
| GDLN\_TEAMNG.docx | In PEG Members word added in place of deputy head and coordinators. |
| MSTL\_CMLIST.xlsx | 1. PRCD\_CONFIG: Document naming convention for Training audit Checklist,IT audit Checklist,PEG audit Checklist, Audit schedule and QMS change requirements added. 2. MSTL\_CMLIST: QMS Change requirements and Audit schedule added in list.  1. Redundant file name removed from Master CM list. 2. Document naming convention for MPP, Back up and restoration plan and DAR generic document added. |
| PRCD\_AUDITT.docx | 1. Template for Audit schedule added. 2. At task 3 in PPQA procedure: Audit schedule will be prepared using TMPL\_ADTSCH which will be hyper linked from Audit plan.  Task 18: "Periodically" added for sending audit report to PEG. |
| PRCD\_CONFIG.docx | 1. PRCD\_CONFIG: Document naming convention for Training audit Checklist,IT audit Checklist,PEG audit Checklist, Audit schedule and QMS change requirements added. 2. MSTL\_CMLIST: QMS Change requirements and Audit schedule added in list.  1. Redundant file name removed from Master CM list. 2. Document naming convention for MPP, Back up and restoration plan and DAR generic document added. |
| PRCD\_ESTMAT.docx | Functional specifications in place of customer requirements and developed requirements in Input section to accept log no. 43. |
| PRCD\_ORGFCS.docx | 1. Template for QMS change requirements added. 2. At task 5 in PRCD\_ORGFCS: All improvement suggestion will be enumerated using QMS change requirements template.  Responsibility added at task 13. |
| PRCD\_PRJPLN.docx | Task 21.1: Audit of phase is split into two parts.  Task 21.1: Audit plan validation by PPQA added. |
| TMPL\_ADTSCH.xlsx | 1. Template for Audit schedule added. 2. At task 3 in PPQA procedure: Audit schedule will be prepared using TMPL\_ADTSCH which will be hyper linked from Audit plan. |
| TMPL\_ESTFNL.xlsx | 1. Verification efforts removed from all estimation templates. 2. PCB layout factor added in Hardware estimation template.  Need ID instead of c in Final mechanical estimation sheet. |
| TMPL\_ESTFRW.xlsx | 1. Verification efforts removed from all estimation templates. 2. PCB layout factor added in Hardware estimation template. |
| TMPL\_ESTHDW.xlsx | 1. Verification efforts removed from all estimation templates. 2. PCB layout factor added in Hardware estimation template. |
| TMPL\_ESTMCH.xlsx | 1. Verification efforts removed from all estimation templates. 2. PCB layout factor added in Hardware estimation template.  Formula corrected in complexity estimates table of final MCH estimates sheet. |
| TMPL\_MINMET.xlsx | 1. Action items sheet added. 2. Reference of pending action items added in Minutes of meetings. |
| TMPL\_QMSREQ.xlsx | 1. Template for QMS change requirements added. 2. At task 5 in PRCD\_ORGFCS: All improvement suggestion will be enumerated using QMS change requirements template. |
| TMPL\_RSKMTX.xlsx | Risk Priority column rename to Risk Priority number in risk matrix sheet. Data validation corrected in severity, likelihood, Risk priority number, performance parameter affected in risk matrix sheet. |

SVN Repositry Revision : 138

## Audited By :

Mrs. Shweta Aggarwal

QMS 1.1 Release Note

Release Date: 18-Aug-2015

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| --- | --- |
| **File** | **msg** |
| **CHKL\_AUDITT.xlsx** | CM section added in checklist of each phase. Minor editorial changes. |
|  | Minor editorial changes. |
| **GDLN\_ESTMAT.docx** | Audit NC log id 45 resolved by mention: The cycle repeats until either resultant variance <= 20% or pre-defined 3 rounds have been completed. |
|  | Audit NC log id 48, 49 & 50 resolved :  IPxy requirements separated for X and Y in both guidelines (Mechanical sec.) and mechanical estimation template. Medium and low complexity for component packaging and characteristics in hardware section updated. |
|  | Estimation guidelines and teaming guidelines updated. |
|  | Estimation guidelines updated. |
|  | Wideband delphi description added in estimation guidelines. Estimation guidelines modified for no complexity score and inclusion of expert judgment.  Participants called as estimators in estimation procedure (task 1). |
|  | Wideband delphi guidelines added in estimation guidelines. Wideband delphi sheet for sample effort estimation added in estimation templates. |
| **GDLN\_TEAMNG.docx** | Audit NC log id 47 resolved by mention Audit Plan Section in bullet 3 of point 10 of Roles and Responsibility table. |
|  | Design team definition added. Roles and Responsibilities modified. |
|  | Estimation guidelines and teaming guidelines updated. |
| **PRCD\_AUDITT.docx** | 1.Role name changed from PPQA member (Auditor) to PPQA Member/Auditor. |
|  | Definition of observation added. |
| **PRCD\_CONFIG.docx** | 1. Baseline and controlled documents examples added. 2. Configuration structure modified. |
| **PRCD\_DESIGN.docx** | 1. TDP definition and list added in guidelines sec. 2. Task 2: Made DAR as optional technique. 3. Task 5, 6 merge and make task 5 as both says almost same thing 4. Task 8 add as RTT updation activity include after making integration test cases |
| **PRCD\_ESTMAT.docx** | Wideband delphi description added in estimation guidelines. Estimation guidelines modified for no complexity score and inclusion of expert judgment.  Participants called as estimators in estimation procedure (task 1). |
| **PRCD\_IMPINT.docx** | 1. Task 19: reference of TMPL\_INTDSN added. 2. Task 10 added as RTT updation after implementation. 3. Product support docs task relocated to task 29 and mention update in place of develop. 4. Verification sec. modified (module in place of unit, review of all implemented outputs in place of coding only) |
|  | Minor editorial changes. |
| **PRCD\_MEASUR.docx** | Objective of Schedule variance at org. level corrected. |
|  | Task 15: Metrics report will be sent to PEG at each milestone. Task 18: Definition of schedule variance corrected. |
| **PRCD\_ORGFCS.docx** | 1. Task 3: Project life cycle added. 2. Task 19: (Heading sec.)Deploy QMS/Changed QMS. 3. Verification sec: QMS pre release audit, and suggestions/feedbacks review added. |
| **PRCD\_PERREV.docx** | 1. Task 2 (All in place of each) 2. Task 4,5 (mention reference of Project plan) 3. Task 6 (ensure availability of access along with supportive docs for review) 4. Task 9,10 (defects in place of findings) 5. Task 13 (Root cause analysis techniques mentioned) 6. Task 8: Mention Refere guidelines 7. Measurement sec.: Review effectiveness modified. |
|  | Minor editorial changes. |
| **PRCD\_PRJMAC.docx** | Sr management approval for project go-ahead has been explicitly specified. |
| **PRCD\_PRJPLN.docx** | 1.Task 29: Inform all stakeholders that plan is placed under CM. 2. Task 2: Along with appointment, share customer's needs with project manager. |
|  | SME review as a work product audit has been identified explicitly. |
| **PRCD\_REQDEV.docx** | Estimation guidelines and teaming guidelines updated. |
|  | Minor editorial changes. |
|  | Role name changed from design team to functional head. task 14 modified in RD/REQM procedure. |
| **PRCD\_TRAING.docx** | Task 6: Audit plan in place of Quality assurance plan. |
| **PRCD\_VALDTN.docx** | 1. Verified Integrated product removed from inputs. 2. Task 8.2: Made training optional. 3. Task 10: Defects in place of findings. 4. Share validation defects in place of communicate validation results. |
| **TMPL\_ESTFRW.xlsx** | Estimation guidelines and teaming guidelines updated. |
|  | Wideband delphi guidelines added in estimation guidelines. Wideband delphi sheet for sample effort estimation added in estimation templates. |
| **TMPL\_ESTHDW.xlsx** | Estimation guidelines and teaming guidelines updated. |
|  | Wideband delphi guidelines added in estimation guidelines. Wideband delphi sheet for sample effort estimation added in estimation templates. |
|  | Wideband Delphi sheet added in Hardware estimation. |
| **TMPL\_ESTMCH.xlsx** | Audit NC log id 48, 49 & 50 resolved :  IPxy requirements separated for X and Y in both guidelines (Mechanical sec.) and mechanical estimation template. Medium and low complexity for component packaging and characteristics in hardware section updated. |
|  | Estimation guidelines and teaming guidelines updated. |
|  | Wideband delphi guidelines added in estimation guidelines. Wideband delphi sheet for sample effort estimation added in estimation templates. |
| **TMPL\_FRWDSN.docx** | 1. Introduction sec. added in TMPL\_HDWDSN, TMPL\_MCHDSN and TMPL\_FRWDSN. 2. Alternative considerations sec. added in TMPL\_HDWDSN, TMPL\_MCHDSN and TMPL\_FRWDSN. 3. Template versions revised from 1 to 2. (TMPL\_HDWDSN, TMPL\_MCHDSN and TMPL\_FRWDSN) |
| **TMPL\_HDWDSN.docx** | 1. Introduction sec. added in TMPL\_HDWDSN, TMPL\_MCHDSN and TMPL\_FRWDSN. 2. Alternative considerations sec. added in TMPL\_HDWDSN, TMPL\_MCHDSN and TMPL\_FRWDSN. 3. Template versions revised from 1 to 2. (TMPL\_HDWDSN, TMPL\_MCHDSN and TMPL\_FRWDSN) |
| **TMPL\_MCHDSN.docx** | 1. Introduction sec. added in TMPL\_HDWDSN, TMPL\_MCHDSN and TMPL\_FRWDSN. 2. Alternative considerations sec. added in TMPL\_HDWDSN, TMPL\_MCHDSN and TMPL\_FRWDSN. 3. Template versions revised from 1 to 2. (TMPL\_HDWDSN, TMPL\_MCHDSN and TMPL\_FRWDSN) |
| **TMPL\_MESRPT.docx** | Measurement parameters Review effectiveness, validation defect detection percentage replaced by product defect density and Project's process defect density. |
| **TMPL\_PRJPLN.docx** | Measurements changed in Measurement plan sec. of project plan. |
|  | SME review as a work product audit has been identified explicitly. |

QMS 1.0 Release Note

Release Date: 14-Jul-2015

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| **Audit Checklist\_Template.xltx** |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **CHKL\_ADTPEG.xlsx** |
| Checklist for PEG audit, PPQA audit and Training audit added. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **CHKL\_ADTPQA.xlsx** |
| Checklist for PEG audit, PPQA audit and Training audit added. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **CHKL\_ADTTRN.xlsx** |
| Changes made against NC id 41 and 42 of the Audit Log. |
| Checklist for PEG audit, PPQA audit and Training audit added. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **CHKL\_AUDITT.xlsx** |
| Changes made against NC id 37 of the Audit Log. |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **CHKL\_CODERV.xlsx** |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| Validation report added. Redundant templates purged. |
| **CHKL\_CODRVW.xlsx** |
| Changes made against NC id 37 of the Audit Log. |
| Minor editorial changes. |
| Review checklist of each functional area added. |
| **CHKL\_DESIGN.xlsx** |
| Minor editorial changes. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **CHKL\_ENVIRN.xlsx** |
| Minor editorial changes. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **CHKL\_HDWRVW.xlsx** |
| Minor editorial changes. |
| Review checklist of each functional area added. |
| **CHKL\_ITAUDT.xlsx** |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **CHKL\_MCHRVW.xlsx** |
| Changes made against NC id 37 of the Audit Log. |
| Minor editorial changes. |
| Review checklist of each functional area added. |
| Validation report added. Redundant templates purged. |
| **CHKL\_PLNREV.xlsx** |
| Changes made against NC id 37 of the Audit Log. |
| Minor editorial changes made. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **CHKL\_REQVAL.xlsx** |
| Minor editorial changes. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **CHKL\_TSTCAS.xlsx** |
| Minor editorial changes. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **EFRT\_TABLE.xlsx** |
| 1. Risk management procedure reviewed and modified. 2. Life cycle distribution of the effort estimates for individual functions has been added for use in the estimation template. |
| **GDLN\_CODSTD.docx** |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **GDLN\_DEVSTD.docx** |
| Development Standards Document placeholder added. Redundant software specific templates removed. |
| Minor editorial changes. |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| **GDLN\_ESTMAT.docx** |
| First draft of estimation procedures and guidelines. This includes complexity estimations for all 3 functions in R&D |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **GDLN\_FRWSTD.pdf** |
| Minor editorial changes. |
| **GDLN\_PERREV.pdf** |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **GDLN\_TAILOR.docx** |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **GDLN\_TEAMNG.docx** |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **INFO\_RSKLST.docx** |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **Monthly Training Calendar.xls** |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **MSTL\_BOTOPO.docx** |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **MSTL\_CMLIST.xlsx** |
| Changes made against NC id 41 and 42 of the Audit Log. |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **MSTL\_FRWLIB.xlsx** |
| Master libraries of Firmware, Hardware and Mechanical functional areas added. |
| **MSTL\_HDWLIB.xlsx** |
| Master libraries of Firmware, Hardware and Mechanical functional areas added. |
| **MSTL\_LIBRRY.xlsx** |
| Development Standards Document placeholder added. Redundant software specific templates removed. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **MSTL\_MCHLIB.xlsx** |
| Master libraries of Firmware, Hardware and Mechanical functional areas added. |
| **POLC\_DEVPOL.docx** |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **PRCD\_AUDITT.docx** |
| Audit procedure and template added. |
| Changes made against NC id 25 and 26 of the Audit Log. |
| Minor editorial changes. |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **PRCD\_BACKUP.docx** |
| Changes made against NC id 20 of the Audit Log. |
| Minor editorial changes. |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **PRCD\_CODINT.docx** |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **PRCD\_CONFIG.docx** |
| Changes made against NC id 21,22 and 23 of the Audit Log. |
| Minor editorial changes. |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **PRCD\_DARPRC.docx** |
| DAR procedure and templates added. |
| Minor editorial changes. |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **PRCD\_DESIGN.docx** |
| Changes made against NC id 29,30 and 31 of the Audit Log. |
| Design Procedure created. The following artefacts are generated  Approved and Baselined Design (Firmware Design, Hardware Design, Mechanical Design, Interface Control and Integration Design Document, Schematic, BOM, Drawings, Conceptual sketches, Integration Test Cases)  Updated Requirement Traceability Table.   Identified resources assigned for Functional Modules. |
| Minor editorial changes. |
| Review point added in design procedure. |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **PRCD\_ESTMAT.docx** |
| First draft of estimation procedures and guidelines. This includes complexity estimations for all 3 functions in R&D |
| Minor editorial changes. |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **PRCD\_IMPINT.docx** |
| Changes made against NC id 32 and 33 of the Audit Log. |
| Implementation and integration procedure added. |
| Minor editorial changes. |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| **PRCD\_MEASUR.docx** |
| Changes made against NC id 24 of the Audit Log. |
| Minor editorial changes. |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **PRCD\_ORGFCS.docx** |
| Changes made against NC id 19 of the Audit Log. |
| Minor editorial changes. |
| Modified procedures and templates to bring them in line with GIL requirements. |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **PRCD\_PERREV.docx** |
| Minor editorial changes. |
| Review procedure added. |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **PRCD\_PRJMAC.docx** |
| Phase wise audit provisioned in PP and PMC procedures. |
| Project Monitoring and control procedure updated. Editorial changes. |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **PRCD\_PRJPLN.docx** |
| Changes made against NC id 8,9,10,11,12,13,14,15 and 16 of the Audit Log. |
| Minor editorial changes. |
| Phase wise audit provisioned in PP and PMC procedures. |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The project plan procedure has been updated to incorporate the workflow. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **PRCD\_REQDEV.docx** |
| Changes made against NC id 34 and 35 of the Audit Log. |
| Minor editorial changes. |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **PRCD\_RSKMGM.docx** |
| 1. Risk management procedure reviewed and modified. 2. Life cycle distribution of the effort estimates for individual functions has been added for use in the estimation template. |
| Changes made against NC id 17 and 18 of the Audit Log. |
| Minor editorial changes. |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **PRCD\_TRAING.docx** |
| Changes made against NC id 27 and 28 of the Audit Log. |
| Minor editorial and typographical changes. |
| Minor editorial changes. |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **PRCD\_VALDTN.docx** |
| Minor editorial changes. |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| Validation procedure added. |
| **Procedure Template.dotx** |
| Changes made against NC id 39 of the Audit Log. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| Updated template for procedures |
| **QMS5.1\_QMSREL.docx** |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **SDLC.pdf** |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **SDLC.vsd** |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **Thumbs.db** |
| 1. Risk management procedure reviewed and modified. 2. Life cycle distribution of the effort estimates for individual functions has been added for use in the estimation template. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **TMPL\_ADTPLN.docx** |
| Audit procedure and template added. |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **TMPL\_BKPPLN.docx** |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **TMPL\_CHGREQ.docx** |
| Minor editorial changes. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **TMPL\_CLOSRE.docx** |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **TMPL\_CUSTFB.xlsx** |
| Minor editorial changes. |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **TMPL\_DARGEN.xlsx** |
| DAR procedure and templates added. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **TMPL\_DARPLT.xlsx** |
| Changes made against NC id 37 of the Audit Log. |
| DAR procedure and templates added. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **TMPL\_DARRSC.xlsx** |
| Changes made against NC id 40 of the Audit Log. |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **TMPL\_DARTRG.xlsx** |
| Minor editorial and typographical changes. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **TMPL\_DATSCH.xlsx** |
| Development Standards Document placeholder added. Redundant software specific templates removed. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **TMPL\_DESIGN.docx** |
| First draft of design templates added. These templates include all three major functional areas (i.e. Firmware, Hardware and Mechanical). |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **TMPL\_ESTFNL.xlsx** |
| Changes made against NC id 40 of the Audit Log. |
| Templates added for complexity and effort estimations of Firmware, Hardware and Mechanical functions. Final estimation workbook facilitates consolidation of effort estimates from all three functions. The efforts for integration, validation and overheads have been loaded on the summation of efforts of all three functions. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **TMPL\_ESTFRW.xlsx** |
| Changes made against NC id 40 of the Audit Log. |
| Templates added for complexity and effort estimations of Firmware, Hardware and Mechanical functions. Final estimation workbook facilitates consolidation of effort estimates from all three functions. The efforts for integration, validation and overheads have been loaded on the summation of efforts of all three functions. |
| **TMPL\_ESTHDW.xlsx** |
| Changes made against NC id 40 of the Audit Log. |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| Templates added for complexity and effort estimations of Firmware, Hardware and Mechanical functions. Final estimation workbook facilitates consolidation of effort estimates from all three functions. The efforts for integration, validation and overheads have been loaded on the summation of efforts of all three functions. |
| **TMPL\_ESTMCH.xlsx** |
| Changes made against NC id 40 of the Audit Log. |
| Templates added for complexity and effort estimations of Firmware, Hardware and Mechanical functions. Final estimation workbook facilitates consolidation of effort estimates from all three functions. The efforts for integration, validation and overheads have been loaded on the summation of efforts of all three functions. |
| **TMPL\_FRWDSN.docx** |
| Changes made against NC id 36 of the Audit Log. |
| Design templates of Firmware, Hardware and Mechanical functional areas added. |
| First draft of design templates added. These templates include all three major functional areas (i.e. Firmware, Hardware and Mechanical). |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| **TMPL\_FUNSPC.xlsx** |
| Minor editorial changes. |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **TMPL\_FWTCAS.xlsx** |
| Changes made against NC id 41 and 42 of the Audit Log. |
| Templates for module level test cases for firmware, hardware and mechanical added. |
| **TMPL\_HDWDSN.docx** |
| Design templates of Firmware, Hardware and Mechanical functional areas added. |
| First draft of design templates added. These templates include all three major functional areas (i.e. Firmware, Hardware and Mechanical). |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| **TMPL\_HWTCAS.xlsx** |
| Templates for module level test cases for firmware, hardware and mechanical added. |
| **TMPL\_IMPEXP.xlsx** |
| Development Standards Document placeholder added. Redundant software specific templates removed. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **TMPL\_INTCAS.xlsx** |
| Template of integration test cases added. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **TMPL\_INTDSN.docx** |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| Template of interface control and integration design added. |
| **TMPL\_LIBRRY.xlsx** |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **TMPL\_MCHDRG.pdf** |
| Templates of Schematic design, Mechanical drawing and BOM added. |
| **TMPL\_MCHDSN.docx** |
| Design templates of Firmware, Hardware and Mechanical functional areas added. |
| First draft of design templates added. These templates include all three major functional areas (i.e. Firmware, Hardware and Mechanical). |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| **TMPL\_MCTCAS.xlsx** |
| Templates for module level test cases for firmware, hardware and mechanical added. |
| **TMPL\_MESRPT.docx** |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **TMPL\_MINMET.xlsx** |
| Minor editorial changes made. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **TMPL\_PEGPLN.docx** |
| Modified procedures and templates to bring them in line with GIL requirements. |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **TMPL\_PRDBOM.xlsx** |
| Templates of Schematic design, Mechanical drawing and BOM added. |
| **TMPL\_PRJPLN.docx** |
| Changes made against NC id 41 and 42 of the Audit Log. |
| Minor editorial changes made. |
| Minor editorial changes. |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **TMPL\_QMSEML.docx** |
| Modified procedures and templates to bring them in line with GIL requirements. |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **TMPL\_QMSREL.docx** |
| Modified procedures and templates to bring them in line with GIL requirements. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **TMPL\_RELNOT.docx** |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **TMPL\_REQTRT.xlsm** |
| Macro enabled workbook deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **TMPL\_REQTRT.xlsx** |
| Minor editorial changes. |
| RTT added. The same must be updated with traceability between requirements, design, implementation and test cases. The same is used for impact analysis. |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| **TMPL\_RSKMTX.xlsx** |
| Minor editorial changes made. |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **TMPL\_SCHMTC.pdf** |
| Templates of Schematic design, Mechanical drawing and BOM added. |
| **TMPL\_SDOFRM.xlsm** |
| Macro enabled workbook deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **TMPL\_SYSCAS.xlsx** |
| Template for system test cases added. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **TMPL\_TMPLAT.dotx** |
| Modified procedures and templates to bring them in line with GIL requirements. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **TMPL\_TRGSTR.docx** |
| Minor editorial and typographical changes. |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **TMPL\_UNTCAS.docx** |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| Validation report added. Redundant templates purged. |
| **TMPL\_USRINT.docx** |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **TMPL\_VALRPT.xlsx** |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| Validation report added. Redundant templates purged. |
| **TOOL\_ADTRPT.xlsx** |
| Changes made against NC id 41 and 42 of the Audit Log. |
| Minor editorial changes. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **TOOL\_MESURE.xlsm** |
| Teaming guidelines created. The project life cycle has been added to tailoring guidelines. Measurement tool created for measurement analysis. Master CI list created and their access rights defined. Multiple review findings fixed in procedures and templates. Minor Editorial and Typographical changes done. Redundant documents deleted. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **TOOL\_METRIC.zip** |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **Training Database.xlsx** |
| Minor editorial and typographical changes. |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |
| **Yearly Training Calender.xls** |
| The QMS as transferred from GPIL has been added to the repository as-is with no modifications. This will be modified and adapted to GIL as required.  The scope of the QMS received is limited to the software related processes which will have to be expanded to include all functional areas of GIL. |