6.5 QSi SYSTEM IMPROVEMENTS

Approved-Unreleased Documents, Document Archives, Draft Documents, Document Control, EMS Emergency Preparedness, Released Documents, Specification Control

1. The Associated Documents functionality was redesigned to address the following scenarios (the new functionality is detailed in the Help Using document):

- If the Requested document is modified. As soon as the **Edit Document** button is clicked the document links break. They remain as document links, but no longer take the user to the correct document. Please note: The document link(s), be it one link or several, that were added with the FIRST use of the button, still maintain their identity and take the user to the correct document. ALL document links that were added with any subsequent uses of the button no longer take the user to the correct document.
- If the Requested document is Approved, the document links still maintain their identities. However, as soon as that Approved document is modified, the document links break. Once again the document link(s), be it one link or several, that were added with the FIRST use of the button still maintain their identity and take the user to the correct document. ALL document links that were added with any subsequent uses of the button no longer take the user to the correct document.

In all test scenarios, this redesign repairs all of the document links in legacy documents that were created via use of the **Documents Associated with this Document** button and were broken as a result of the above scenarios.

Business Plans, Contingency Plans, Document Control, Emergency Preparedness, MSDS/Hazmat Reports, Specification Control

1. An issue was found with the **Select Location** button in Paper Distribution Records: All Locations specified in the Department Name Form were presented, regardless of the Department selected. To resolve this issue, a new Script Library "Department PickList" was added to each database. The code for each **Select Location** button in the Paper Distribution Record form in each database was modified, and the Administrative view that contains the Department Name Form was modified in each database.

2. The **Update All Documents DCA** /**Update All Documents EM** action buttons were updated. A new view, "5. Administration by: b. DCA," was added to the MSDS/Hazmat Reports database that is used by the **Update All Documents DCA** action button.

3. The text in emails sent by the Audit Review agents were updated for clarity and consistency.

Automotive Process Change Management, Business Plans, Contingency Plans, Document Control, Emergency Preparedness, General Process Change Management, MSDS/Hazmat Reports, Specification Control

1. The Hide When formula on the **Edit Document** action was modified in all affected forms. The button formula now does a lookup to the Information Catalog to get a current list of Document Control Administrator(s) or Engineering Manager(s), so that it is always the current DCA/Eng Mgr who has access to the **Edit Document** button in an Approved document.

Automotive Process Change Management, Business Plans, Contingency Plans, Emergency Preparedness, General Process Change Management, Specification Control

1. Duplicate numbering issues were found and corrected. Also, the Send Alert If Duplicate Doc Numbers Exist agent was modified so it now sends an email alerting the user about documents with the same Document Number but different Revisions.

The Querysave was modified in the following Design elements:

- Process Change Management Form (Automotive Process Change Mgmt. database)
- General Process Change Form (General Process Mgmt. database)
- Subject & Display Template Subform (Business Plans, Contingency Plans, Emergency Preparedness, Specification Control databases)

And, the BuildQuery subroutine was modified in the Send Alert If Duplicate Doc Numbers Exist agent in the affected databases.

APQP/Dynamic Quality Plan

1. The **Edit Document** action button and Postopen event in the following forms were modified to address an issue occurring when the user opened a DFMEA/Control Plan/PFMEA into Read mode and clicked the **Edit Document** button: Control Plan Display; Design FMEA Display; and Process FMEA Display. Also, when the user closed the DFMEA/Control Plan/PFMEA window they were no longer in the APQP database. This was corrected.

2. It was noted that Subform Header field data should be exchanged into the corresponding cells of the Workbook spreadsheet. APQP forms with embedded Excel workbooks are:

- Design FMEA – “The Item”, “Model Year(s)/Vehicle(s)”, “Process Responsibility", "Prepared by", and "Key date" cells were corrected.
- Process FMEA - "System/Subsystem/Component:" and "Key Date" cells were corrected.
- Control Plan – This workbook does not inherit any data from the Header table fields.

Automotive Internal Assessment, Automotive Supplier Assessment, Customer Survey, EMS Internal Assessment, EMS Supplier Assessment, Internal Assessment, OHS Internal Assessment, OHS Supplier Assessment, Supplier Assessment, Transportation Carrier Assessment

1. The section properties of the two “More Findings” sections in the Assessment Findings form were updated. They now expand when documents are Previewed, Opened for reading, Opened for editing, or Printed.

2. The Schedule via Calendar action code and the Mail Assessment Schedule action code were modified in the 6. Assessment Schedule (General) form and the 6. Assessment Schedule (Specific) form. Now, no matter which method is used to schedule an assessment, the Lead Assessor and the Assessment Team Members appear in the **To:** or **Required (to:)** field, and the people listed in the Distribution List appear in the **CC:** or **Optional(cc:)** field of the email or Calendar entry that is sent by use of the action.

Automotive Internal Assessment, Corrective Action Requests, Corrective Action Requests Automotive, Customer Survey, EMS Internal Assessment, Inspection and Test Records, Internal Assessment, Nonconformance Reports, OHS Internal Assessment

1. After the CAR database was updated to the code fix in Product Note 1934, an Error 91: Object Variable Not Set error was received when a CAR/PAR was created in any of the Assessment databases. Data was not inherited from the Assessment Finding into the CAR/PAR, and the bidirectional linking did not occur. When users clicked **OK** to the error and closed out of the CAR/PAR, they were left in the (UNID View) in the Corrective Action Requests database. Prior to the Product Note 1934, users would be returned to a view in the Assessment database from which they had created the CAR/PAR. This was corrected.

Automotive Process Change Management, General Process Change Management

1. The Querysave event in the Process Change Management Form (Automotive Process Change Mgmt. database) and the General Process Change Form (General Process Mgmt. database) were modified. Now, if the Permanent radio button is selected and there are dates in the **From** and **To** fields, these dates will be blanked out upon the save of the document. Therefore, the agent will not run incorrectly on a Permanent change and set it to Expired.

2. The QSI Expired Date Notification agent was improved. Now the agent:

- Sends mail upon the Expiration Date to the Author and Manager of the document and copies the email to ALL Approvers and ALL users listed in the Electronic Notification List.
- Correctly sets the status of the document to Expired.
- Correctly updates the Document History with the date of Expiration.
- Successfully runs upon all documents that meet the agent criteria.

Calibration Maintenance

1. The "Last Status" column formula in the "(Doc Identification Numbers)" view was modified in order to resolve an issue with Calibration/PM Records with only one **Equipment Status** field value. Regardless of what the value was, the agents erroneously sent alert and escalation emails. This was corrected.

2. The Hide When properties for the **Edit Document** action button in the Pre/Post Readings Table Form administrative document were updated, so the document is correctly hidden when the user is in Edit mode.

3. The **Completed** action button In the Request for Maintenance form was modified to resolve and issue with an email sent to the "Send To" person. The email was not generated, so the "Send To" person was unaware of the RFM completion and the need to Approve or Reject the recommended resolution.

Corrective Action Requests, Corrective Action Requests Automotive

1. The Input Validation formula was removed from the **Solution Effectiveness** and the **Reason for Effectiveness** fields in the Corrective Action Request form and the Preventative Action Request form. The validation for the fields was moved to the Querysave event for each form.

2. The **Completed - Mail for Approval** action button has been modified to resolve an issue involving a CAR/PAR with an open Action Item. An assignee entered all necessary data in the CAR/PAR and clicked the **Completed - Mail for Approval** action button, but the CAR/PAR had an open Action Item, so a warning was received. If the assignee then clicked **Save & Exit**, all entered data was lost. This was corrected.

3. Numerous changes were made to the views that contain Days Open columns in order to: ensure that the view displays the correct collection of documents, ensure that the view column title more accurately describes the data that the column displays, and ensure that the column performs the same calculation across all views. Note: The majority of the views that contain Days Open columns have had the column Title updated to "Total Days Open".

4. The formulas in the **Solution Accepted** and the **Solution Not Accepted** buttons in the First Approver's Section in the Approval Template - Hidden Fields subform were modified. The Backup Approver for the First Approver is the CAR Coordinator(s) in a CAR document and the PAR Coordinator(s) in a PAR document. The button code checks to see if the person approving is Backup Approver. If the approver is a CAR/PAR Coordinator, the Backup Detected message is received. The code also checks to see if the user approving is the listed approver, and if so the Backup Detected message and signature stamp is NOT presented.

5. All of the code that used the hidden field "qsi_editdate" to record dates in the **Corrective/Preventative Action Status** field within a CAR/PAR was replaced with code (@Accessed) that uses the last accessed date (server time) to

record the **Corrective/Preventative Action Status** field dates. This addressed and issue involving regional date settings with the year first (yyyy-MM-dd or yy/MM/dd) that caused the incorrect recording of the status date.

6. The following views have been removed from the design of the database:
- (All By Requestors)
- 11. Database Administration By:\c. All By Requestors

7. The Web view "All Documents by Date Requested" was updated to show the correct documents.

8. The code in the **Change Coordinator** action button was modified to add a line to the Corrective Action Status section. This line records updates to the Assigned to section made while changing the coordinator. The **Change Coordinator** and **Change Owner** action buttons were moved to the shared actions section to ease future code changes. Additionally, all action buttons were removed from the 8D and 7Step All Data Cuber views.

9. The Modify Review Date agent has been re-instated into the Corrective Action Requests database. It is now set to run by “Action menu selection”, as the agent instruction indicates in the Help documentation.

Corrective Action Drafts, Corrective Action Requests, Corrective Action Requests Automotive, General Archive

1. The CAR/PAR Final Review functionality was modified in order to enhance current functionality and to address the issue of retaining **Reason for Effectiveness Failure** comments when a CAR/PAR is edited by the Requester and mailed back to the Assignee for further action.

Corrective Action Drafts, Corrective Action Requests

1. The Hide When formula for the **Mail to Assignee** action button was updated. In addition to the Requester, the Mail to Assignee action is now available to the CAR/PAR Coordinator in a CAR/PAR that was rejected by the Assignee. This enables the CAR/PAR Coordinator to select a new "Assigned To" person and to then "Mail to Assignee" if the Requester is not available to do so.

FDA Corrective Action ONLY

Changes were made to the Approval Template - Hidden Fields subform and to the Approval Classes and QSI Change Approver Name script libraries to correct a scenario where a Requester Approver accompanied by an Additional Approver was not required to authenticate during approval.

Corrective Action Drafts

1. The **Help** button that takes the user to the Help-Using this Database documentation was added to the views below:
- CAR/PAR Records by Number|firstview
- Database Administration By:\a. Database Administration Forms

Employee Training Records, Course Offerings, Training Records - External, Course Offerings - External

1. Extensive code changes were made to enable users to list a large number of attendees on a Training Course Schedule or a Record of Employee Training without encountering a 32k Threshold Limit error.

2. The product has been modified so users have the ability to add a Required Course, Certification, or Document Training Directly to an Employee/Trainee Record. This is detailed in the Help documentation.

3. Modifications were made to address and issue with training that was updated or scheduled while an Employee/Trainee Record was open in Edit mode. A Save Conflict was presented when the Employee/Trainee Record

was saved. The #1 views, "Employee Records by:"/"Trainee Records by:" were modified to show conflict documents. The (Update Attendees) agent in the Employee Training Records/Training Records - External database was modified: The "Function getDocumentByKeyValue" function was added, and the "Initialize" function was modified. Also, the (scheduleattendees) agent in the Course Offerings/Course Offerings - External database was modified: The "Function getDocumentByKeyValue" function was added, and the "Initialize" function has been modified.

Customer Management

1. The **Assigned To** field in the Customer Complaint form has been updated, so it is no longer a multi-value field.

2. The **Subject** field in the Customer Complaint form was moved to its own table cell to resolve an issue with check boxes that were selected even though the user was not actually clicking on the check box as a selection.

3. The Alignment on the **Body** field of the Meeting Report form was modified to resolve an issue where users were allowed to type beyond 8.5 inches. When the document was printed, the text ran off the page. This change conforms to the rest of the system where word wrapping occurs when entering text into text and rich text fields.

4. The **Change Owner** action button in the Customer Complaint form was modified to resolve an issue where after the button was used, the **Complaint Author** field contained the both the names of the new owner and the listed CSR. The **Complaint Author** field now contains only the name of the new owner. The CSR maintains the ability to edit the Author's section of the Complaint.

5. The **Part Cost** field in a Customer Compliant is now automatically calculated regardless of how the Part information - Individual Cost and Lot Size in particular - is entered into the Complaint, by manual entry or by the **Product Lookup** button.

Customer Survey

1. The file type value in the hidden design level document in the (Assessment Type) view was modified to ensure that the **Create PAR** action button displays in a Customer Survey Findings document.

Document Control, Emergency Preparedness, Specification Control

1. The "(LinkForm)" form was modified to resolve issues encountered when a user clicked on an Associated Document link from the Web and was forced to authenticate, and when a user accessed an attachment from the Web.

2. Extensive changes were made to improve the performance of the document obsolescence process and the **Renumber Selected Documents** action button.

Document Control, Emergency Preparedness, Employee Training Records, Released Manual, Specification Control, Training Records - External

1. The Employee Training Update Agent was modified. Now, when the Employee Training Update Feature updates a document revision, the **Training Requirements Last Modified** field (in the Employee/Trainee Record) is updated to the date the revision was changed.

2. The database properties were modified to resolve a "WebPage Cannot be Found" error encountered when the user Accessed databases via the web.

Document Control, Emergency Preparedness, Released Manual, Specification Control

1. The Employee Training Update Agent in the Document Control, Specification Control, and Emergency Preparedness databases and the Employee Training Update Agent in the Released Manual database were modified:

Duplicate emails are no longer sent referencing an employee in one email and trainee in the second email.

- Emails that are sent to managers regarding Required Document training once again function as they did in the 5.8.x products.
- Managers receive ONLY one email for any Required document for which they have employees/trainees that require training upon the document.
- One email is sent to all managers who have employees who are required to train upon the document. The same holds true for the Training Records - External managers with respect to emails regarding required document training for Trainees.
- The only case in which a manager receives two emails with respect to the same required document is if he/she is a manager for an employee (ETR db) who requires training upon the document AND he/she is also a manager for a trainee (TRE db) who requires training upon the same document.

Document Control, Emergency Preparedness, MSDS/Hazmat Reports, Specification Control

1. The “Timing Issues” and “Approval Time” views were modified to address the issue of number of days showing decimal places. The corresponding "Days in Process" / "Days Open" column formula and in some cases column properties were modified.

Document Control, Specification Control

1. Tables containing rich text in the editable rich text field in the Associated Documents section of a document now maintain their integrity throughout the full workflow of the document.

Employee Training Records, Training Records - External

1. An issue was found with employees with required recurring Certification Training never showing as Qualified even though they have satisfied all current interval requirements. This has been corrected. A "data fixing" agent was created to handle the recurring training that was already run against by the old "Send Schedule Alert" agent. The "@Fix Recurring Schedule" only handles titles that were put back in the remaining list erroneously by the "Send Scheduled Alert" agent. It should only be run once. The "Send Schedule Alert" agent was modified so it correctly handles new recurring certification trainings.

2. A legacy agent (Set $KeepPrivate) is provided to run on all Employee Records and set the **$KeepPrivate** field value in the Employee Record form to its appropriate value.

3. There were several changes made with respect to the (Setting Profile) form and view #7.c. Post v6.0.1 changes:
In view 7.c.:

- The Creation view column has been changed to Last Modified, and it displays the date that the Profile document was last edited.
- The Author view column has been changed to Modified By, and it displays the user's name who lasted edited the profile document.

In the (Setting Profile) form:

- The **Document Author** and the **Date Created** fields previously found at the top of the document have been moved to a table at the bottom of the document, to which has also been added a **Last Editor** field and a **Date Last Edited** field.

4. References to the legacy field "ProcTrnReq" have been removed from the lookup views, so old Document requirements will not appear in the Record of Employee Training's "Press for Course Title or Type of Training" Picklist.

5. The Department Core Training Requirements form was modified, so the first table in the form now displays the Company Core Certification Requirements (Information Only) in addition to the previously displayed Company Core Training Requirements and the Company Core Document Requirements. This information displays in Edit mode only.

6. The following Form Events were modified in the Employee/Training Record: Postsave - Code deleted; Querysave - Code modified; and Queryclose - Code added. Now the Information in the Training Detail Table won't disappear when the user selects **File -> Save** or types **CTRL S** while in an Employee/Trainee Record in Edit Mode.

7. Modifications were made to improve the system's ability to add multiple Required Documents to a: Company Core Requirements document; Department (Service Provider Type) Core Requirements document; Job Position Record; and General Job Position Record; and to prevent the user from adding the same document as Document Training Required to a Job Position Record or General Job Position Record more than once.

8. An agent @Append Certification Schedules was created. When run, this agent migrates the last certification schedule for each certification title regardless of whether it is in the past or future, and regardless of whether it has been fulfilled or not. There is no need to run any other preparation agent. If a certification schedule already exists in the version 6.0.1 database, the schedule from 5.8.2 database will not be migrated by the agent unless it is later. The only time a 6.0.1 date is overwritten by a 5.8.2 date is when the 6.0.1 date is earlier than the 5.8.2 date.

9. Extensive changes were made to ensure that training detail is not duplicated if the **Update Attendees** button is clicked twice within the same Record Of Employee Training/Record Of Training.

10. Significant changes were made to ensure that a user with no connection to a Record of Employee Training/Record of Training cannot authenticate from the Web, and then click unrelated attendees' hyperlinks to mark them as having attended the course.

EMS Management Review, Management Review Records

1. An issue was found where document links converted to database links and attachments yielded "Note Item Not Found" errors in Agenda tables when they were inherited into Agendas. This issue was resolved with modifications to the Management Review Meeting Agenda form, Management Review Meeting Minutes form, and "Create Agenda" shared action. A new form "tmpRich" was added to the code. Views that use the shared action "Create Agenda" were also modified to use the new code.

EMS Monitoring Records, Inspection and Test Records

1. Customer and Supplier lookup buttons were not available in new Test Record/Monitoring Test Record documents when they were new documents. To resolve this issue: The Hide When formulas for all of the **Customer** and **Supplier** fields, buttons, and text labels and headers in the following forms by database have been updated. Inspection & Test Records: Inspection Test Plan form (Customer and Supplier fields); Inspection Record form (Customer and Supplier fields). EMS Monitoring Records database: Monitoring Test Record form (Customer fields only on this form).

Engineering Change Requests

1. An error was received with the user tried to Save & Exit the code for the **Create ECO** action button. To resolve this, the **Create ECO** action code in the Engineering Change Request form was modified. The word "replace" is a reserved Notes word and cannot be used in code streams as a variable. It was changed to "listreplace".

2. The Default Approver for an Engineering Suggestion is the Engineering Change Request Database Administrator, as listed in the document of the same name in the Information Catalog. This Information Catalog document does not contain any Backup Approvers. The Backup Approvers for an Engineering Suggestion were incorrectly being pulled from the General Change Request Default Approver document in the Information Catalog. This has been corrected, and now the Backup Approvers for the Engineering Change Request Database Administrator are pulled from that user's Document Approver Name document.

General Archive, Inspection and Test Records

1. An issue was found with a Test Plan that had graphics in the **Test to be Performed** fields. Users were unable to approve them or to create Records of Inspection from them. Once the Test Plan was submitted for approval, and an approver tried to open it in Edit mode to approve it, the approver received a "User-Defined Error" and the Test Plan could not open. The same occurred if a user tried to create a Test Record from an already approved, prior to upgrade, Test Plan which had a graphic/picture in it. The reported issue was caused by the addition of "_Edit" and _Read" subforms to the Inspection Test Plan form. To resolve this issue, those subforms as well as a few others, which were added to control the use of those two subforms were removed.

General Archive

1. The Hide When formula was removed from the following 5 Outline Entries in the view:
22. APQP By:a. Product Profiles; b. Design FMEAs; c. Process FMEAs; and d. Control Plans.

2. The formula in the first Column of view "12. Engineering Changes" was modified to resolve an issue with an ECR\ECO that was archived with 400+ parts listed on it. The document did not appear in view "14. Engineering Changes". This has been corrected.

3. Extensive updates were made to the General Archive database as a result of several NCMRs, these are detailed in Release Note 1859. The NCMRs are:

- NCMR 4791 - Process Change Management Documents Do Not Display All Data in Document After Archived to General Archive
- NCMR 4987 - Product Information Table Missing Individual Cost Field in Archived Manufacturing Process Test Plan
- NCMR 4997 - User-Defined Error When Trying To Approve Test Plans or Create Test Records with Pictures in "Test to be Performed" Field
- NCMR 4983 - General Archive Issues with Respect to Customer Management, Inspection & Test Records, and Engineering Change Request Database Documents
- NCMR 5015 - Archived Version of Employee/Trainee Records do Not Display or Print the Same Data as Was Viewed in the Records Prior to Being Archived

General Process Change Management

1. Users could not save or submit a GPCM document if ANY manual prefix or numbering option was chosen as a numbering method in the Information Catalog. A line of code in the querysave event in the Hidden Document Fields subform was modified to resolve this issue.

Information Catalog, OHS Internal Assessment, OHS Supplier Assessment

1. It was found that Alert, Alarm, and Escalation messages were not sent from either the OH&S Supplier or OH&S Internal Assessment database. Therefore, four new Design Level documents were added to the Information Catalog. An Information Map and Information Setup document for each of the OHS Assessment databases (Internal and Supplier). The "(Alert - Escalation Agent)" in the OHS Internal Assessment database and the OHS Supplier Assessment database was also modified.

Inspection and Test Records

1. The "Individual Cost" field in the Product Information table in the Inspection Test Plan was not populated with a Part Cost when a part was selected. The "Part Cost" field in the Record of Inspection document was not populated as it had no information to inherit from the Inspection Test Plan. These fields were new to v5.8.2, in conjunction with the new functionality added to the Nonconformance Reports database in v5.8.2. and Product Lookup changes. The Hide When formula was changed in the "qsi_PartCost" field in the following form and subforms. The field is only visible for legacy

documents into which the value was manually entered. It is no longer a visible field in newly created documents. Subforms: Parts Lookup; Parts Lookup Locked; and Parts Lookup2. Form: 2. Inspection Record

Nonconforming Material Management

1. The QSI Reports hidden Cuber view, (Cuber - NCMRs All Data), did not display the correct data in the "Part Number" view column. The column formula treated all NCMRs as Process NCMRs, so that Product NCMRs that had valid Part Numbers showed as "No Part Number" or "No Process Listed". The "Part Number" view column formula in the "(Cuber - NCMRs All Data)" view was updated, so it correctly displays the Part Number if the NCMR is a Product NCMR.

2. The **Units** field in the Product Waiver form was changed from Computed to Editable.

3. An issue was found when the user saved an NCMR created via a Web Browser with an empty required field. A validation message was received. After clicking OK to that message the user was returned to the NCMR document in order to populate the required field. However, ALL of the previously entered data was not saved and the user was forced to repopulate all the fields he/she had already populated. The (WEB Nonconforming Material Report) form was modified to resolve this issue.

4. Both views "5. Action Items by:\a. Person" and "5. Action Items by:\b Status" were modified to match the correct resolution status of "On Hold".

5. Two fields in the "Web Nonconforming Material Report" form were modified to hide the "Save and Mail to Distribution" after saving the NCMR via the Web. The acknowledge message the user receives after saving a new NCMR was also corrected.

6. An issue was found where the **Individual Cost Field** in a Product or Process Waiver (that were created independently of an NCMR) was not populated when a part was selected from the Product Catalog. An Individual Cost is now listed in a Product or Process Waiver, created independently from an NCMR when a Part is selected from the Product Catalog with the button.

Nonconformance Reports, Supplier Management

1. It was found that when a SCAR was created from an NCMR, the date format in the **Status** field for the "Entered" notation was incorrect. Also, in the Supplier Qualification Profile form the following fields had an input translation formula: **CompanyName; CompanyAddress; CompanyCity; CompanyZip;** but not **CompanyState**. All of the address fields needed Input Translation @Trim formulas to ensure that leading and trailing spaces are removed. A form and a view in the Supplier Management database were modified to trim any extra spaces from the Supplier's name and address. These spaces did not allow the user to select the supplier in a Nonconformance Report. The NCMR form in the Nonconformance Report database was also modified to correct a date format issue.

OHS Accident Reporting, OHS Claims Management

1. The Help button has been added to all views to enable the user to easily access the "Help Using This Database" documentation.

OHS Chemical & Risk Assessments

1. The "1b. PPE Risk Assessment" form was updated. All fields referring to body parts in the Risk Survey Tables have the following Help Description added to each field: "Enter "X" if this body part is at risk from this hazard." The four "Other identified risk areas" fields have the following Help Description added to each field: "List all remaining body parts at risk and their hazards."

2. Field help was added to the Noise Assessment Record Table.

Product Catalog

1. When the **Part Number Lookup** button was used in any database from which you can look up and list parts, there was an extraneous document presented in the Product Selection pick list, displaying as Not Categorized. This was not a Part Definition document, but instead was a Design Level document in the Product Catalog that was erroneously being pulled into the view. The View Selection formula in the "(Picklist Back)" and the "(Picklist Front)" views was modified to resolve this issue.

Production Part Approval

1. In the "1.1 Part Submission Warrant truck" form the Requested Submission Level fields (Level and Level_1) were changed from Radio Button fields to Checkbox fields. This enables the user to select and de-select any or all field options.

2. A few issues were resolved with the Special PPAP documents that can be created from the Custom Format Templates that may be set up in view "6. Administration".

QSI System Portal

1. An issue was found where the Administration links took the user to a hidden view containing only one of the Administrative documents instead of the Administration view. Now each Administration "General PCM" and "Process Change Mgt" link will take the user to the "5. Administration View" in the respective database. These are the views that contain all of the Administrative documents in each database.

2. Database Inventory/Filenames pages accessed via the User Manual were Updated.

3. OH&S Awareness hotspots in the portal yielded errors, but were corrected.

4. The Portal did not show the Document Control Drafts database choice even though the database existed in the directory. To resolve this, the hide-when formula for the "Draft Documents" entry was modified in all outlines included in the QSI System Portal.

EMS Management Review, QSI Administrative Utility

1. Several changes were made to the EMS Management Review Records database in order to include an Agenda Table Form in the design of the database.

Released Documents

1. The contents of the **Area** field did not show under view “6.c. Process Control Docs by: Department”. This was corrected.

2. Duplicated Header information appeared on the first page of the printed Form Memo, and this issue was resolved. Certain text and fields in the Layout form had the Hide When options modified, so they are all hidden when printed. A single instance of the information appearing on EACH printed page of the Form Memo is maintained.

3. When a DCR or PCR document was open in Read mode and the user selected Actions from the Notes menu bar, there was a **Send Document** option. If this was used, the email that was sent could not be opened. An error message was received for each Form type. To resolve this issue, the "Include action in Action menu" option was de-selected for the "Send Document" action in the Document Change Request and Process Change Request forms.

4. The text in the @Mailsend in the Mail Response to Requester action button in the Document Change Request and General Change Request forms was modified, so the email Subject now contains the correct form name.

5. These issues were found:

- Fields marked as required for DCRs/PCRs/GCRs were not being validated on the Notes client.
- The same fields (on the corresponding Web forms) were neither marked as required nor validated (by the Web browser).
- When a document was submitted anonymously on the Web, the completion page said "Thank you, <blank>", which was inappropriate.

Several changes were made to the Notes and the Web versions of each form: DCR; GCR; PCR, in order to resolve these issues.

6. When a user printed a Product Specification document in the Released Documents database, the footer contained the Document Number, Revision and Part Number. All other Document Control type documents contain the Document Number, Revision and Title. The Window Title formula for the Specification form was modified, so the Footer in the Released Documents database prints the Specification Title. This is consistent with all other Document Control type forms in the Released Documents database and consistent with the Footer that is printed is a Specification is printed from within the Specification Control database.

7. The Create Process Change action button, available only in an Approved PCR document (Released Documents database), now correctly creates a GPCM document (General Process Mgmt. database) and there are bidirectional links between the PCR and the GPCM documents.

Specification Control

1. An error: “Variant Does Note Contain a Container” was received if only one subform title was listed in the Content Form Selection Document. If ONLY one Customized Content Form is being used by a company, there must still be two listed Form Names in the field in the User Defined Customizable Form Names Setup section of the Content Form Selection document - even if the second entry is simply N/A. The instructional text in the User Defined Customizable Form Names Setup section of the Content Form Selection document was updated to clarify the process and note the need for at least two Form Names.

Supplier Management

1. SCAR Creation from an external database failed if a Supplier address contained a carriage return in the **Street Address** field. An Input Validation formula was added to the "CompanyAddress" field in the Supplier Qualification Profile form. This will not allow a Supplier Qualification Profile to be saved, or mailed for approval, if there is a carriage return in the **Street Address** field.

2. In the Supplier Qualification Profile, it was found that the **Criteria Completed** field may list this error message: "ERROR: Incorrect data type for operator or @Function Number expected." The error occurred when the user selected OK to the Select Criteria dialog without selecting criteria. The formula for all of the four following buttons was modified. Error trapping code was added to or updated within the formula to ensure there was error trapping and that the error message was consistent for the buttons:

- Select Supplier Classification
- Requirements
- Criteria
- Date Criteria was done

3. An issue was found with a Supplier Qualification Profile that had the Criteria previously completed. Within the Supplier Profile, under the Supplier Qualification Status and Certification Information section, the dialog which results from clicking the **Date Criteria was done** button did not show the previously completed criteria listed on the profile. Therefore, if the user wanted to re-evaluate the criteria and stamp each with that re-evaluation date, he/she could not select the criteria to do so. Once the criteria were date stamped as completed for the first time, the user could not re-select the complete criteria to update it as being re-evaluated. The **Date Criteria was done button** formula was modified to address this issue. The field type and the formula for the “ApprDone” field were both updated as well.

User Application Notes

1. The Default Value was removed from the "Rels" field (Product Version Affected) in the "App Note" form. It is now the user's responsibility to populate the field with the correct Product Version.

Information Catalog

1. The Lotus Notes Mail/Calendar Information Mapping and Information Setup documents, in the Information Catalog, were updated.

APQP/Dynamic Quality Plan, Production Part Approval

1. The IBS Production Part Approval database now contains all of the necessary new forms to make it PPAP Fourth Edition compliant. Several other code changes have also been made in the PPAP database in order to accommodate the new forms and to fix some minor software bugs.