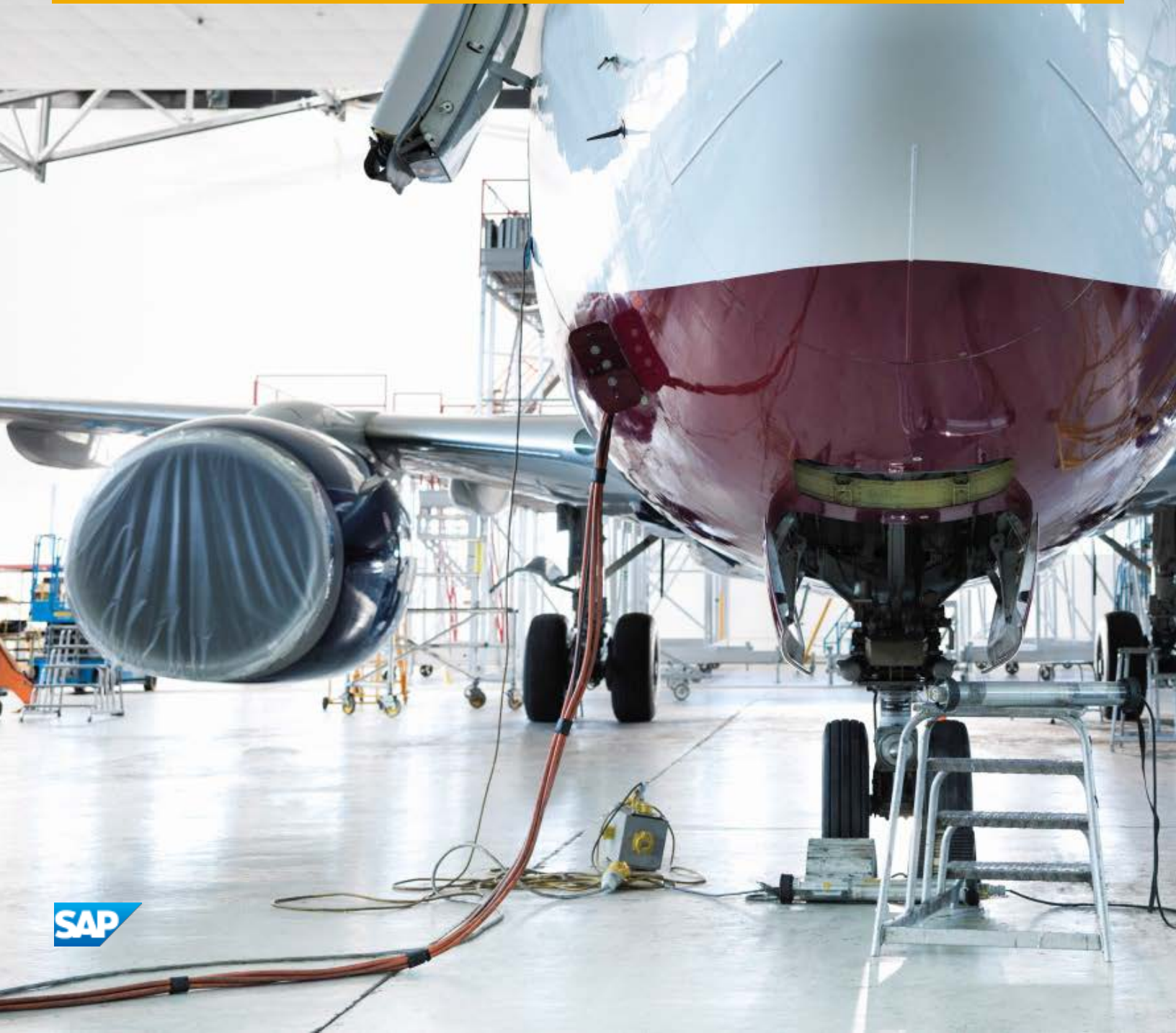


## Release Notes

SAP Complex Assembly Manufacturing  
Document Version: 1.1 – 09-Mar-2015

CUSTOMER

# SAP Complex Assembly Manufacturing Release 7.2, Service Pack 2



# Typographic Conventions

Type Style	Description
<i>Example</i>	Words or characters quoted from the screen. These include field names, screen titles, pushbuttons labels, menu names, menu paths, and menu options. Textual cross-references to other documents.
<b>Example</b>	Emphasized words or expressions.
EXAMPLE	Technical names of system objects. These include report names, program names, transaction codes, table names, and key concepts of a programming language when they are surrounded by body text, for example, SELECT and INCLUDE.
Example	Output on the screen. This includes file and directory names and their paths, messages, names of variables and parameters, source text, and names of installation, upgrade and database tools.
<b>Example</b>	Exact user entry. These are words or characters that you enter in the system exactly as they appear in the documentation.
<Example>	Variable user entry. Angle brackets indicate that you replace these words and characters with appropriate entries to make entries in the system.
EXAMPLE	Keys on the keyboard, for example, <b>F2</b> or <b>ENTER</b> .

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# Document History

Version	Date	Change
1.1	09-Mar-2015	Corrected headings of section 3.1 and 3.2
1.0	30-Jun-2014	Initial Release

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# 1 Introduction

This document provides information about Release 7.2, Service Pack 2 of the SAP Complex Assembly Manufacturing solution software suite. It is intended to inform and assist customers with understanding software enhancements or modifications for Release 7.2, Service Pack 2. For each enhancement, SAP provides a description of the modifications made to functionality or technology in the SAP Complex Assembly Manufacturing software suite.

This document contains information pertinent to the core release of the SAP Complex Assembly Manufacturing software suite only. Customers that have specific functionality configured in the SAP Complex Assembly Manufacturing select layer may receive release notes as an addendum to this document or as an independent delivery item that is relevant to their particular implementation.

SAP provides a number of modifications and enhancements as part of its software maintenance upgrade process. Some enhancements may require additional software configuration and training by an SAP representative. We encourage you to review each enhancement for its potential business benefit to your organization and then contact your SAP representative for information on implementation, deployment, and training.

## 1.1 Software Modules Covered

This document covers the following software modules:

- **Planning and Definition Modules:**
  - Bill of Material Management (BOMM)
  - Computer-Aided Process Planning (CAPP)
  - Manufacturing Change Management (MCM)
  - Order Maintenance (OM)
- **Execution Modules:**
  - Shop Floor Management (SFM)
  - Nonconformance Management (NCM)
  - Project Management Integrator (PMI)
- **Common (shared functions and utilities):**
  - Electronic Callboard (CB)
  - First Article Inspection (FAI)
  - Time Sensitive Material (TSM)
  - Tool Control & Accountability (TC&A)

## 1.2 Implementation-Required Enhancements

Some Release 7.2, Service Pack 2 enhancements require implementation or configuration by an SAP representative. Any enhancement that requires configuration for use is denoted by the symbol shown below. Please contact your SAP representative for additional information about these enhancements.



## 1.3 Third-Party Software

Support for the following has been discontinued in SAP Complex Assembly Manufacturing:

- Cognos

## 1.4 SAP Note

The following SAP Note contains the most recent information on the release, as well as corrections to the Release Notes documentation.

Make sure that you have the up-to-date version of the SAP Note, which you can find in the *SAP Service Marketplace* at [service.sap.com/notes](http://service.sap.com/notes).

SAP Note Number	Title	Description
1983799	SAP Complex Assembly Manufacturing 7.2, Service Pack 2 Release Notes	Information not included in or corrections to these release notes.

## 1.5 Terminology

Terms	Description
BOMM	Bill of Material Management
CAMS	Complex Assembly Manufacturing solution
CAPP	Computer-Aided Process Planning
CB	Electronic Callboard
CSS	Customer Support System. The SAP issue tracking system.
FAI	First Article Inspection
ITS	The legacy Visual Intercept issue tracking system.
MCM	Manufacturing Change Management
NCM	Nonconformance Management

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Terms	Description
OM	Order Maintenance
PMI	Project Management Integrator
SFM	Shop Floor Management
TC&A	Tool Control and Accountability
TSM	Time-sensitive Material

## 2 Enhancements

### Note

This section includes screenshots showing SAP Complex Assembly Manufacturing applications as they have been implemented at SAP. Therefore, these screenshots may look different from your SAP Complex Assembly Manufacturing implementation.

## 2.1 Planning and Definition Modules

### 2.1.1 BOMM

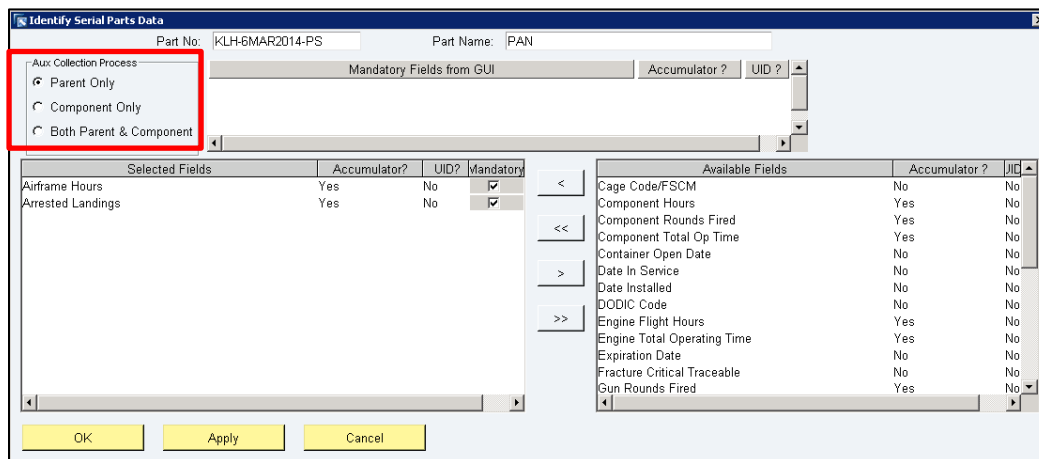
#### Auxiliary Data Collection (ITS42575)

There is a new BOMM *Aux Data Collection* configuration parameter that governs when auxiliary data is collected when the order is worked in SFM. It has three options:

- *Parent Only*: Data is collected when the part is manufactured, i.e., the parent order is worked.
- *Component Only*: Data is collected when the part is consumed into a next assembly. (For a unitized installation kit [IK] part type this is the only option enabled.)
- *Both Parent & Component*: Data is collected when the part is both manufactured and consumed.

To set this configuration parameter in CAPP, select the *Maintenance > Configuration Parameters > BOM* menu and click the *As Built Interface Parameters* bar in the *BOM Parameters* dialog box.

In the *Identify Serial Parts Data* dialog box, there is now an *Aux Data Collection* section with the three options shown below. (This dialog box appears by assigning a category to a serialized part and then clicking the ellipsis following the category field in the *Part Master* dialog box.) The default selection is *Component Only*. For any part type other than a unitized IK part type, the user can select a different option; however, the configuration parameter setting will override the user's selection when the order is worked in SFM.



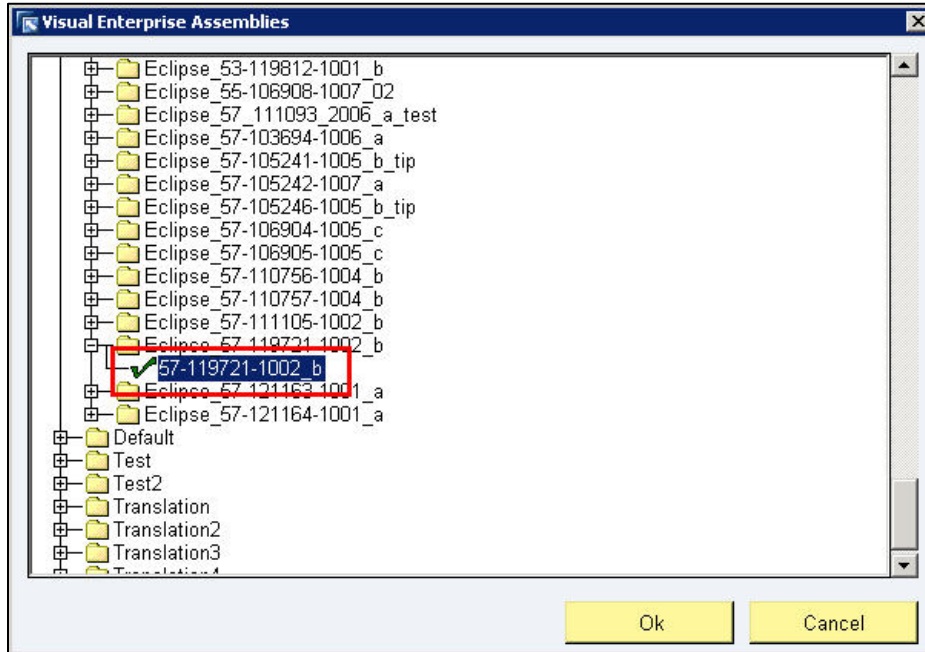
Selected Fields	Accumulator?	UID?	Mandatory
Airframe Hours	Yes	No	<input checked="" type="checkbox"/>
Arrested Landings	Yes	No	<input checked="" type="checkbox"/>

Available Fields	Accumulator?	UID?
Cage Code/FSCM	No	No
Component Hours	Yes	No
Component Rounds Fired	Yes	No
Component Total Op Time	Yes	No
Container Open Date	No	No
Date In Service	No	No
Date Installed	No	No
DODIC Code	No	No
Engine Flight Hours	Yes	No
Engine Total Operating Time	Yes	No
Expiration Date	No	No
Fracture Critical Traceable	No	No
Gun Rounds Fired	Yes	No



### 3D Import Success Indicator (ITS42737)

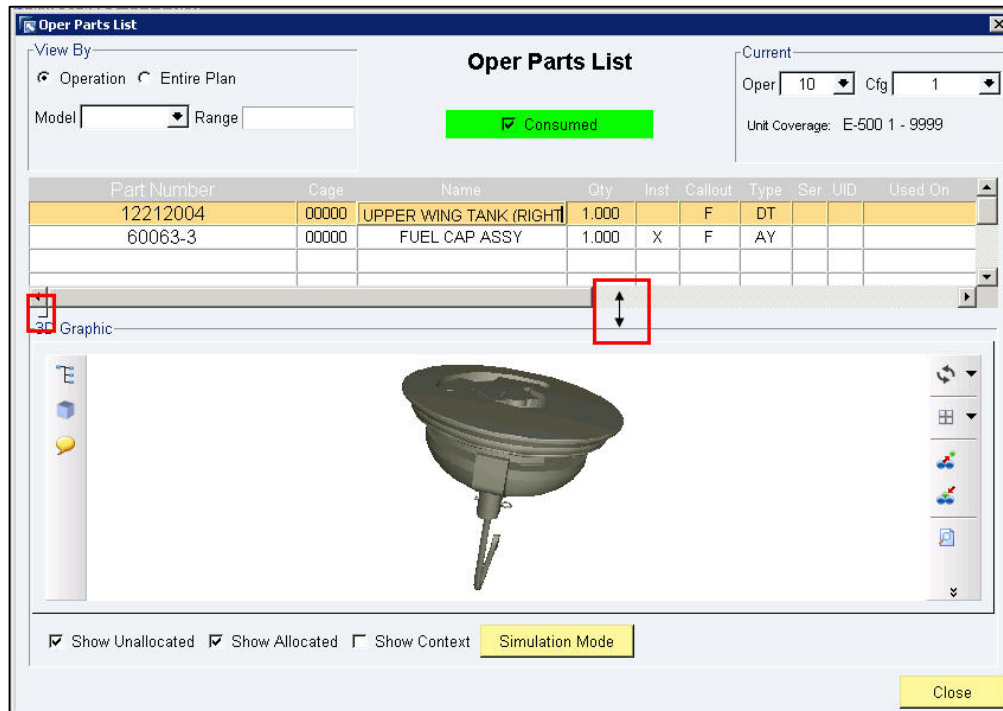
Prior to this release, there was no message or visual indicator in the *Visual Enterprise Assemblies* dialog box confirming that a 3D BOM import was successfully done for the item selected in the tree. Now a check mark icon appears next to the item to show the import was successful.



## 2.1.2 CAPP

### Ability to Resize the *Oper* (Operation) *Parts List* Dialog Box (ITS42639)

The *Oper Parts List* dialog box has been modified to allow users to resize it to see more or less of the graphic area or parts table. To resize, users can either click just above the graphic or on the small gray box on the left (both options are outlined in red below) and then drag the pane up or down.



## 2.1.3 MCM

There are no MCM enhancements.

## 2.1.4 OM

There are no OM enhancements.

## 2.2 Execution Modules

### 2.2.1 SFM

#### Note

Throughout this section, any references to operations also applies to steps.

#### Serialized Parts Configuration Parameter (ITS40193)

The new *Display Cancelled or Scrapped Orders* serialized parts configuration parameter determines if cancelled or scrapped orders can appear in the *Serialized Parts* dialog box. However, a user cannot make any changes to the cancelled or scrapped order when viewing it in the dialog box.

The configuration parameter has four options:

- *Neither*: Neither cancelled nor scrapped orders will appear.
- *Cancelled and Scrapped*: Both cancelled and scrapped orders will appear.
- *Cancelled*: Cancelled orders only will appear.
- *Scrapped*: Scrapped orders only will appear.

To view these configuration parameters in SFM, select *System > Configuration Parameters* and then click the *Serialized Parts Parameters* bar in the *Control Parameters* dialog box

#### Split Order Configuration Parameters (ITS40938)

The current split process moves the split quantities using proportionality between the split quantity and the order quantity. The process uses the split ratio to determine the quantities moved, that is, rejected, completed, and ready quantities.

This enhancement offers an alternative method via two new configuration parameters that will move a constant quantity from the parent to the child orders:

- *Split Quantity Usage*: This configuration parameter has two options: *Use Split Qty* (Quantity) or *Use Qty Ratio*. If it is set to *Use Qty Ratio*, the split is done proportionally.
- *Keep Complete on Parent*: Depending on the setting for this configuration parameter, complete items are left on the parent order or they are moved to the child order.

To set these configuration parameters in SFM, select *System > Configuration Parameters* and click the *Order Parameters* bar.

#### Change Alert Order Comparison (ITS40960)

#### Note

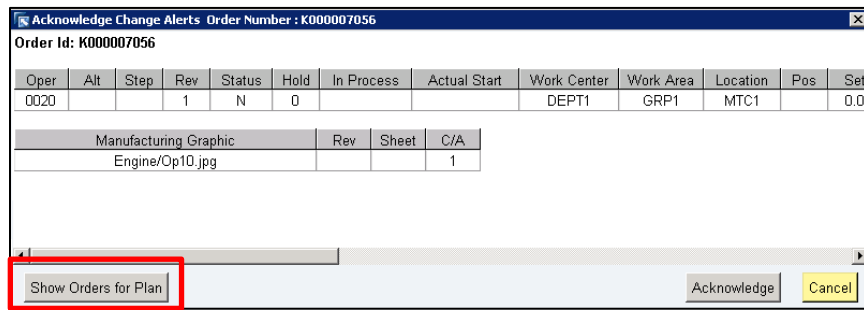
This enhancement requires that tkdiff has been installed and that SAP Complex Assembly Manufacturing has been configured for it as explained in the *Installation Guide* and *Upgrade Master Guide*.

From the *Acknowledge Change Alert* window, users can now view a list of orders for the same plan and do a was/is comparison (similar to the CAPP document was/is comparison) to see the differences between orders.

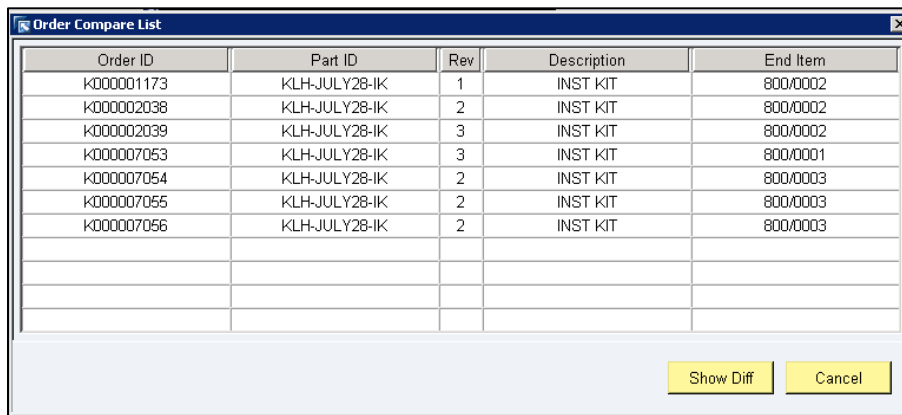
To see the list of orders, the user clicks the new *Show Orders for Plan* button in the *Acknowledge Change Alerts* window. This button is only visible when acknowledging change alerts, not viewing them.

**i** Note

Clicking this button does not acknowledge the change alert. The user must click the *Acknowledge* button.



Clicking the *Show Orders for Plan* button opens the *Order Compare List* dialog box listing the orders for the same or prior revisions of the plan. For example, if there are five revisions of the plan and the order for which the user is acknowledging the change alert was created from revision four, users will only see orders created from revisions one through four. As with other SFM screens and dialog boxes, this dialog box can be configured using the *Window > Screen Label Configuration* menu to change the column names and the *Window > Screen Configuration* menu to change the column order and show or hide columns.



To compare, the user selects the order to compare against the current order and clicks the *Show Diff* button. This opens the tkdiff program showing the changes between the orders.

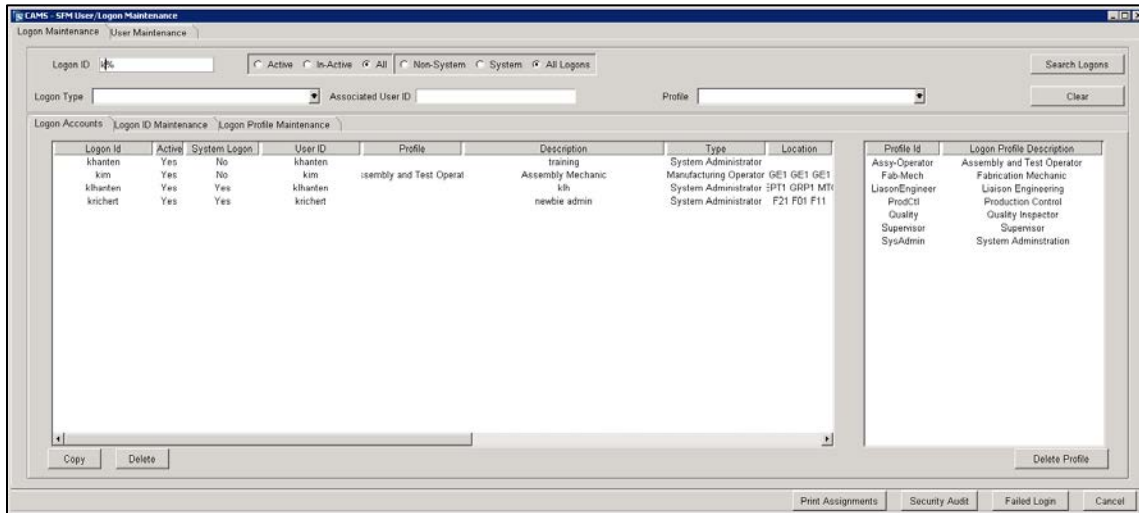
**i** Note

Clicking the *Show Diff* button does not acknowledge the change alert. The user must click the *Acknowledge* button.

## Redesigned Employee Master User Interface (ITS41184)

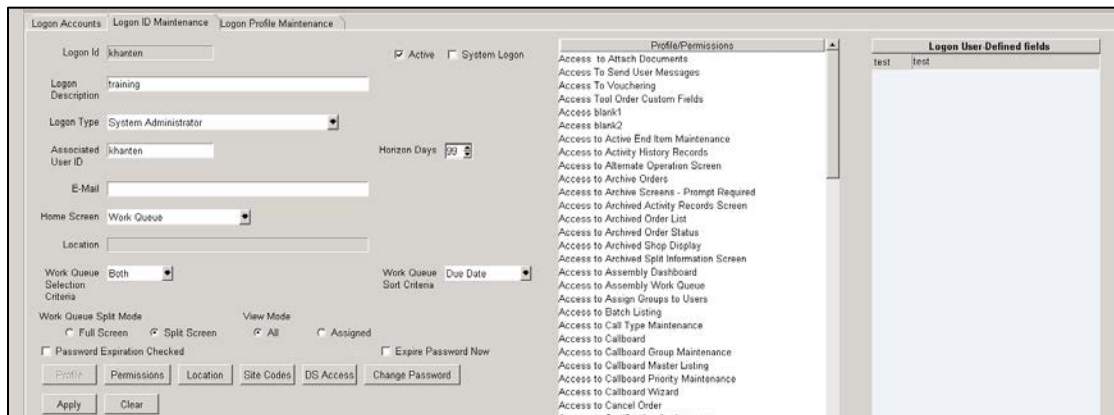
The Employee Master user interface (UI) has been redesigned to improve performance, to make it easier to find and work with users and logons, and to combine disparate functions into one place.

There are now separate tabs for *Logon Maintenance* and for *User Maintenance*. Each tab includes several fields at the top that allow you to search for the logon ID or user ID that you want to edit rather than having to scroll through all logons or users to find the one to update.



The *Logon Maintenance* tab has three tabs:

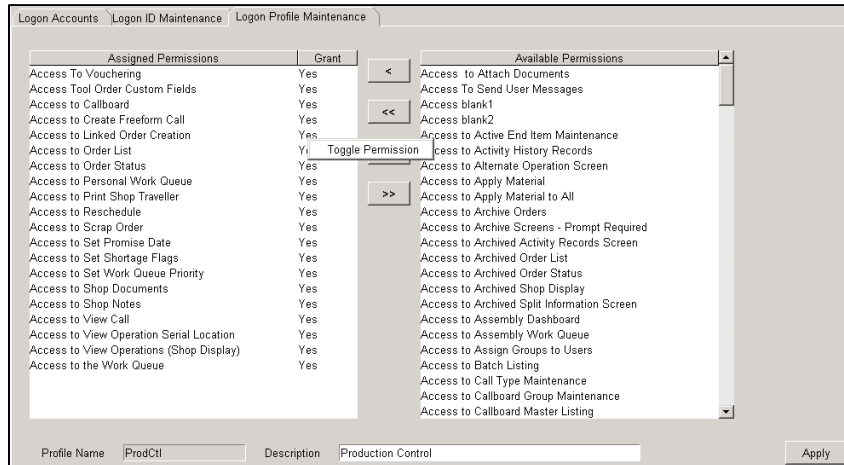
- Logon Accounts:** This tab, shown above, lists the results of a logon ID search. It also has a *Copy* button to copy the selected logon ID to create a new one and a *Delete* button to remove the selected logon ID. In addition, it includes a table on the right listing the available logon profiles. In prior releases, logon profiles were accessed from a separate *Logon Information* dialog box. Using the *Delete Profile* button just below the table, you can delete the selected profile.
- Logon ID Maintenance:** This tab is used to add new logon IDs or edit existing ones. Double-clicking on a logon ID on the *Logon Accounts* tab will populate the *Logon ID Maintenance* tab with that logon ID's data as shown below. Selecting this tab without selecting a logon ID on the *Logon Accounts* tab allows you to create a new logon ID by completing the fields and then clicking *Apply*. Once the logon ID is created, you can then use the other buttons to assign a profile or permissions, work locations, sites, etc., to the logon ID.



- **Logon Profile Maintenance:** This tab is used to add new logon profiles or edit existing ones. Double-clicking on a logon profile on the *Logon Accounts* tab opens this tab and shows the permissions assigned to the profile and those available for assignment. In prior releases, permissions were assigned via a separate *Permissions Assignment* dialog box.

Selecting this tab without selecting a logon ID on the *Logon Accounts* tab allows you to create a new logon profile by completing the *Profile Name* and *Description* fields and then assigning permissions.

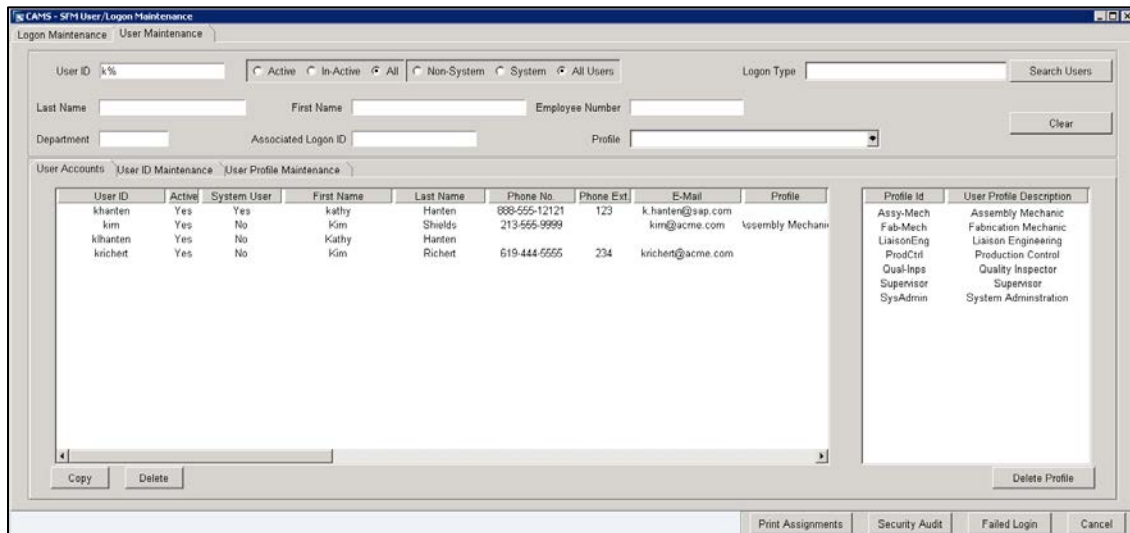
You can temporarily grant or revoke an assigned permission by right-clicking on it and clicking the *Toggle Permission* button shown below. This button replaces the *Permission Grant/Revoke* button.



The *User Maintenance* tab also has three tabs:

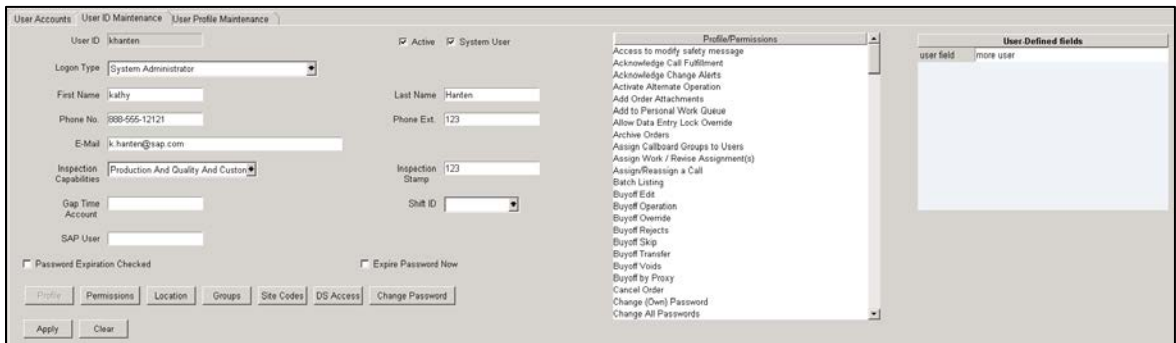
- **User Accounts:** This tab lists the results of a user ID search. It also has a *Copy* button to copy the selected user ID to create a new one and a *Delete* button to remove the selected user ID.

In addition, it includes a table on the right listing the available user profiles. In prior releases, user profiles were accessed from a separate *User Information* dialog box. Using the *Delete Profile* button just below the table, you can delete the selected profile.



- **User ID Maintenance:** This tab is used to add new user IDs or edit existing ones. Double-clicking on a user ID on the *User Accounts* tab will populate the *User ID Maintenance* tab with that user ID's data as shown below.

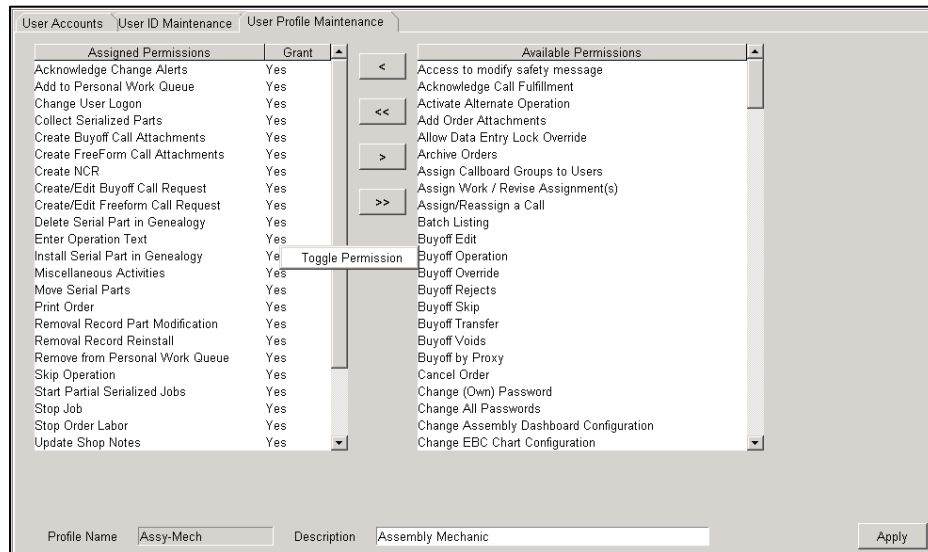
Selecting this tab without selecting a user ID on the *User Accounts* tab allows you to create a new user ID by completing the fields and then clicking *Apply*. Once the user ID is created, you can then use the other buttons to assign a profile or permissions, work locations, groups, sites, etc., to the user ID.



- **User Profile Maintenance:** This tab is used to add new user profiles or edit existing ones. Double-clicking on a user profile on the *User Accounts* tab opens this tab and shows the permissions assigned to the profile and those available for assignment. In prior releases, permissions were assigned via a separate *Permissions Assignment* dialog box.

Selecting this tab without selecting a user ID on the *User Accounts* tab allows you to create a new user profile by completing the *Profile Name* and *Description* fields and then assigning permissions.

You can temporarily grant or revoke an assigned permission by right-clicking on it and clicking the *Toggle Permission* button shown below. This button replaces the *Permission Grant/Revoke* button.



From any of the tabs you can click the following buttons:

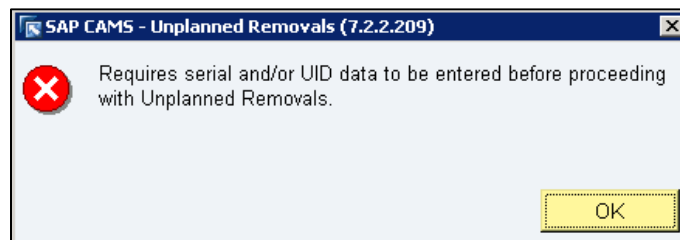
- *Print Assignments*: Clicking this button opens the *Assign User Reports* dialog box from which you can assign reports to the different logon types.
- *Security Audit*: Clicking this button opens the *Security Audit* dialog box from which you can view the history of changes made to logon IDs or user IDs.
- *Failed Login*: Clicking this button opens the *Failed Login Attempts* dialog box listing failed logins to SAP Complex Assembly Manufacturing.

## Unplanned Removals Validations (ITS41266)

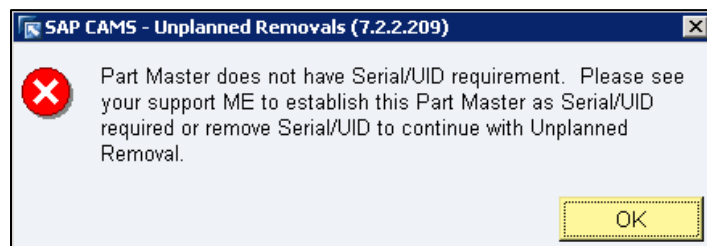
The unplanned removals functionality has been updated to validate the following when users add parts to a removal record:

- If a removed part requires a serial number or unique identification (UID) data that the serial number or UID data are collected before the part can be added to the removal record.
- If a removed part does not require a serial number or UID data that a serial number or UID data cannot be entered before the part is added to the removal record.

If a part instance is installed with a serial number or UID data and the user attempts to remove it without a serial number or UID data, the following error appears. The user must enter the serial number or UID data in order to continue with the removal process.



If a *Part Master* exists for the part and it does not require a serial number or UID data but the user has entered a serial number or UID data, the following error appears. The user must clear the entries to continue with the removal process.

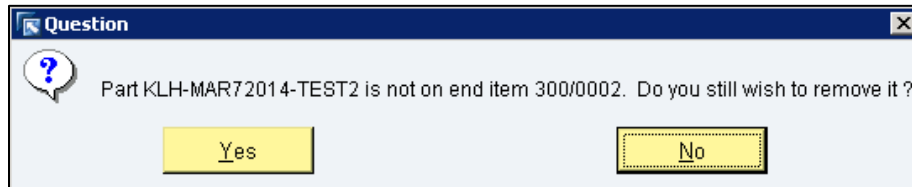


If as-built bill of material (ABOM) data does not exist for the part the user is removing but there is a *Part Master* for it, the system allows the removal and uses the *Part Master* to validate what data is required for the part:

- If the part is serialized or requires UID data but the user does not enter it, the first error message shown above appears.
- If the part is not serialized or does not require UID data but the user enters the data, the message shown just above appears.



Again, the system stops the removal process until the issue is corrected. The question shown below then appears. If the user clicks *Yes*, the removal process continues. If the user clicks *No*, the part is not added to the removal record and the user is returned to the *Removal Parts* dialog box so he or she can enter a different part or cancel out of the process.



## New Hold and Release Hold Logon Permissions (ITS42583)

Prior to this release, holding and releasing orders or operations were controlled by either user permissions or no permissions at all. The following logon permissions have been added:

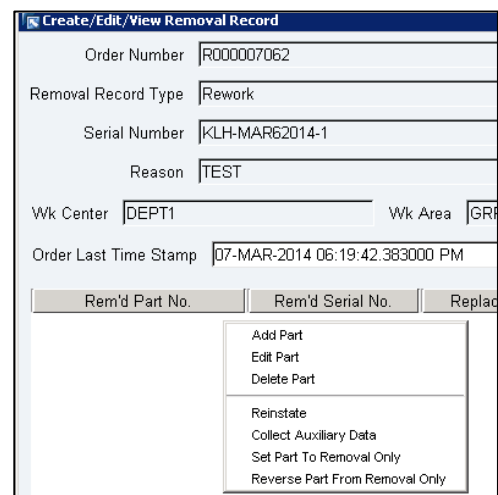
- *Access to Display Hold Notes:* This allows the logon ID to view the *Hold Notes* dialog box.
- *Access to Hold Operation:* This allows the logon ID to view the *Hold Reason Codes* dialog box when holding an operation.
- *Access to Hold Order:* This allows the logon ID to view the *Hold Reason Codes* dialog box when holding an order.
- *Access to Release Hold on Operation:* This allows the logon ID to access the release operation hold function.
- *Access to Release Hold on Order:* This allows the logon ID to access the release order hold function.

## New Removal Record Logon Permissions (ITS42621)

The following logon permissions have been added for removal records. These allow the logon ID to view the functions noted below in the right-click menu in the *Create/Edit/View Removal Record* dialog box:

- *Access to Removal Record - Add Part:*
- *Access to Removal Record - Edit Part*
- *Access to Removal Record - Delete Part*
- *Access to Removal Record - Reinstate*
- *Access to Removal Record - Collect Aux (Auxiliary) Data*

See the next enhancement for information on two additional functions that have been added to the menu—*Set Part to Removal Only* and *Reverse Part From Removal Only*.



## Unlocking a User's Own Lock on Shop Text (ITS42804)

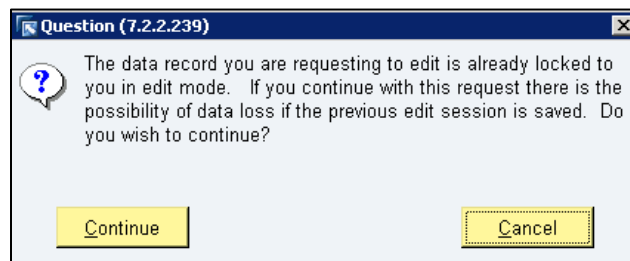
SFM can now be configured to allow a user to unlock the lock that user put on shop text in another SAP Complex Assembly Manufacturing login session.

There are two new configuration parameters for this enhancement. To view these configuration parameters in SFM, select *System > Configuration Parameters* and then click the *Shop Display Parameters* bar:

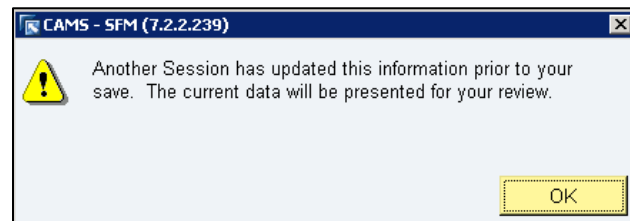
- *Allow Same User to unlock text lock* allows the same user who locked the operation for shop text data collection to unlock it. It can be set to *Yes* or *No*.
- *Show Unlock Warning* controls whether or not a warning displays when the user who locked an operation for data collection is the same user unlocking the data collection. It can be set to *Yes* or *No*.

If unlocking is allowed and the *Show Unlock Warning* configuration parameter is set to *Yes*, when the user attempts to unlock shop text that he or she has locked the following message appears:

- If the user clicks *Continue*, the lock is released and the user can enter data but with the possibility of data loss as noted.
- If the user clicks *Cancel*, the operation lock remains in place and no edits are allowed.



When the session lock is released or changed to another session, in the other session the user will see the following message when the user tries to save any changes he or she made. Once the user clicks *OK*, the data refreshes to show that entered and saved in the other session.



## Unplanned Removals for Nonunitized Orders (ITS43099, ITS44122, and CSS742054)

In prior releases, SAP Complex Assembly Manufacturing only supported unplanned removals for unitized orders. Also, when a part was removed through the unplanned removals process and was not replaced, the removal order could not be closed. This enhancement now allows unplanned removal orders to be created for nonunitized orders if preferred. It also allows parts to be removed without requiring the reinstallation of replacement parts for both unitized and nonunitized orders.

The new *Unplanned Removals Availability* configuration parameter determines the order types for which unplanned removals can be done. It has four options:

- *None*: Unplanned removals are not allowed for any order types.
- *Assembly Only*: Unplanned removals can only be done for assembly (unitized) orders.
- *Fabrication Only*: Unplanned removals can only be done for fabrication (nonunitized) orders.
- *Both*: Unplanned removals can be done for either order type.

The default setting for this configuration parameter is *Assembly Only*. To view this configuration parameter in SFM, select *System > Configuration Parameters* and then click the *Serialized Parts Parameters* bar:

The *Create Removal Order* dialog box, which appears after a user selects the *Create Removal Record* shortcut menu option, now has a *Serial Number* field as shown below. This field is only enabled for nonunitized orders and is required. If there are multiple serial numbers for the parent part, the user can select the appropriate one using the drop-down. For unitized orders, the existing *End Item* field still applies and is enabled.

The screenshot shows the 'Create Removal Order' dialog box with the following fields and values:

- Removal Type:  Rework,  Production,  Borrow
- Rem. Reason: [Empty]
- Reason: [Empty]
- Part No.: REMOVAL RECORD
- Part Desc: PARTS REMOVED AND REINSTALLED
- Center: DEPT1
- Work Area: GRP1
- Location: MTC1
- End Item: [Empty]
- Serial Number: KLH-MAR62014-1 (highlighted with a red box)
- Receiving Order Information:
  - Order Number: L000007057

Buttons: OK, Cancel

The *Removal Parts* dialog box, which appears when a user right-clicks in the *Create/Edit/View Removal Record* and selects *Add Part*, now includes a *Removal Only* check box. If this check box is selected, the part can be removed and reinstallation is not required.

The 'Removal Parts' dialog box contains the following fields and controls:

- Part No.: K LH-MAR52014-DT
- Part Type: DT
- Assume Wildcard:
- Ser. No. - Off: K LH-MAR62014-2
- Lot No.: [Empty]
- Retrieve: [Button]
- Serialized: S
- CAGE Code: 00000
- UID Req:
- UID Construct: [Dropdown]
- IAC: [Empty]
- Mfg EID: [Empty]
- Part ID No: [Empty]
- UID: [Empty]
- Generate UID: [Button]
- Removal Status: Identified
- Removal Only:  (highlighted with a red box)
- Part Desc: DETAIL PART
- Mfg Name: [Empty]
- Mfg Part: [Empty]
- Required Inspections Table:
 

Inspection	Customer Buyoff
Fab Removal	No
- Add New: [Button]
- OK: [Button]
- Cancel: [Button]

On the *Create/Edit/View Removal Record* dialog box, the new *Removal Only* column lists *Yes* for any part designated as such or *No* for any part that requires reinstallation.

The 'Create/Edit/View Removal Record' dialog box contains the following fields and controls:

- Order Number: R000007058
- Order Status: Not Started
- Removal Record Type: Rework
- Related Order Number: L000007057
- Serial Number: K LH-MAR62014-1
- Rem. Reason: KLHTEST
- Reason: TEST
- Wk Center: DEPT1
- Wk Area: GRP1
- Wk Loc.: MTC1
- Order Last Time Stamp: 06-MAR-2014 04:40:43.293000 PM
- Refresh Data: [Button]
- Table:
 

Rem'd Part No.	Rem'd Serial No.	Replaced Part #	Replaced Serial #	Lot No.	Removal Status	CAGE Code	Replaced CAGE Code	Removal Only	Al
K LH-MAR52014-DT	K LH-MAR62014-2				Removed	00000		Yes	Admi
K LH-MAR52014-PS	K LH-MAR62014-3				Identified	00000		No	Admi
- Buttons: Remove, Need OK To Install, OK To Install, Reinstall, Buyoff, Undo Buyoff, Removal Notes, Clear Selection, Apply, Cancel

Users can also designate a part as removal only using the new *Set Part To Removal Only* option in the right-click menu. They can also clear a part's designation as removal only using the new *Reverse Part From Removal Only* menu option. These options are only available for parts with a status of *Identified* or *Removed*. They are also only enabled for a user assigned the following permissions:

- *Removal Record Revert Part From Removal Only*
- *Removal Record Set Part to Removal Only*

Or for a logon ID assigned the following permissions:

- *Access to Removal Record – Reverse Part From Removal Only*
- *Access to Removal Record – Set Part To Removal Only*

When a removal-only part is bought off, its status immediately changes to *Boughtoff*. It is not required to go through the production, quality, and customer inspections like a part that requires reinstallation. If the buyoff is undone, its status reverts back to *Removed*.

Please note that for a fabrication part number for an order with a quantity greater than one, any part that must be replaced can only be replaced by the same part number with the same or a different serial number.

There are also two other new configuration parameters for this enhancement. To view these configuration parameters in SFM, select *System > Configuration Parameters* and then click the *Order Parameters* bar:

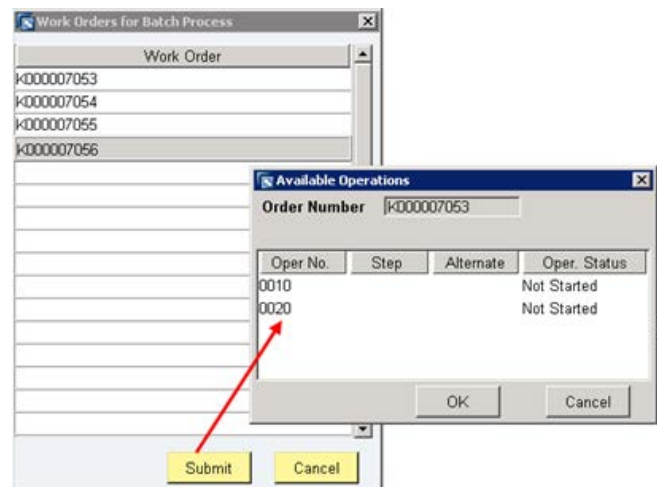
- *Allow Closure with Open UPR* (Unplanned Removal) *Orders* allows you to make it a requirement that all unplanned removal orders must be completed before an order is closed. It can be set to *Yes* or *No*.
- The *Use WSP* (WIP\_SERIALIZED\_PARTS) *to Filter Fab UPR Parts* uses the contents of the WIP\_SERIALIZED\_PARTS table to filter the list of parts presented to the user to only those that are related to the fabrication orders that captured that part when the user is adding parts to a removal order. It can be set to *Yes* or *No*.

## Scanning Operations in Batches (ITS43124)

There is a new *Auto Select Batch Operations* configuration parameter that controls whether auto-selection of selected operations or all operations by work center is done when scanning or entering candidate orders for a batch. To set this configuration parameter in SFM, select *System > Configuration Parameters* and click the *Order Parameters* bar.

If the configuration parameter is set to *Selected*, after the user enters or scans orders into the *Work Orders for Batch Process* dialog box and clicks *Submit*, the *Available Operations* dialog box shown appears with a list of valid operations for the first order in the batch. The user selects the desired operation and clicks *OK*, which adds the operation to the batch. For each subsequent order, the system automatically selects the next *Not Started* operation in the same work center and adds it to the batch. If the system cannot find a *Not Started* operation for an order in that work center or if the *Not Started* operation is in a different work center, it is not added to the batch.

If this configuration parameter is set to *All*, once the user clicks *Submit* all operations on all the orders for the same work center are added to the batch list.



## Batch Start Prompts (ITS43201)

In the past when a user started a batch, the *Start Operation in Setup Mode* question appeared for every order in the batch. Now the user is prompted only once per batch.

## New Tool Order List Screen (ITS44086)

There is a new *Tool Order List* screen that is accessed via the *Order Functions* menu or function panel. Like the *Order List* screen, the *Tool Order List* includes search fields that allow users to find and view tool orders by tool number, end item, order status, hold code, work center, site code, or from and to date.

Once users have found tool orders using the search fields, they can filter the order list using the *Tool Order Filter* button. Clicking this opens the *Tool Order List Filters* dialog box with additional fields to filter by, such as *Tool Base No* (Number), *Tool Left Dash* number, or *Tool Code*. When the *Tool Order List* is filtered, the button turns green as shown below.

Priority Code	Order Number	Tool Number	Tool Detail Num	Tool Code	Tool Series	Tool Unit	LTSN	Imp. G
	M000006469	TST_CYCLE_2-A		FAJ	1	0001	640	0
	T000005385	TOOL1-0001		FAJ	1	0001	599	0
	T000005737	TOOL-21		FAJ	1	0001	619	0
	T000005746	TOOL-24		FAJ	1	0001	622	0
	T000005991	TOOL-29		FAJ	1	0001	626	0
	T000006045	TOOL-39		FAJ	1	0001	627	0

To view this screen, users must have a logon profile that is assigned the new *Access to the Tool Order List* permission.

As with other screens in SFM, you can change the names of the columns on the *Tool Order List* using the *Windows > Screen Label Configuration* menu. You can also change the column order and layout using the *Window > Screen Configuration* menu.

## Capturing User Comments and a New Activity History Column (ITS45297)

Shop Floor Management can now be configured to capture user comments when they perform the following transactions: skip an operation, undo skip operation, unstart an operation, reopen an order, cancel an order, undo cancel order, scrap an order, undo scrap order, and undo operation completion. The comment is added to the *Activity Description* section of the *Activity Records* dialog box, which is accessed by selecting an order on a screen and then selecting *Activity History* in the *General Functions* function panel or menu.

Activity Title	User Name	User ID	User Stamp	Activity Date	Activity Time	Work Center	Quantity	Batch Number	Rev
Operation Skipped	Hanten, Kathy	khanten	123	23-JUN-2014	JUN-2014 12:12	DEPT1 GRP1 MTC1	1		

In order to capture these comments, the new *Capture Comment for Activity History* configuration parameter must be set to *Yes*. To set this configuration parameter in SFM, select *System > Configuration Parameters* and click the *Order Parameters* bar. In addition, the *User ID* and *User Stamp* columns can now be added to the *Activity Records* dialog box to help distinguish users with the same *User Name*. These columns list the values from the user's *User ID* and *Inspection Stamp* fields in the *Employee Master*. To change the column names, if desired, select *Window > Screen Label Configuration* and then select *Activity History* in the *Screen Name* drop-down field. To make the columns visible and change their placement in the *Activity Records* dialog box, select *Window > Screen Configuration* and then select *Activity History* in the *Screen Name* drop-down field.

## Option to Add a Custom Button to the *Serialized Parts* Dialog Box (ITS45458)

Your SAP representative can configure the *Serialized Parts* dialog box to include a custom button that, when clicked, performs a specified command. The button name and the command to be executed must be defined in the following new configuration parameters. To set these configuration parameters in SFM, select *System > Configuration Parameters* and click the *Serialized Parts Parameters* bar:

- *Optional Button Label*: This should list the button name.
- *Optional Button Command*: This should list the command to be called when the button is clicked.

## 2.2.2 NCM

### Signoff E-mail Enhancements (ITS42576)

Your SAP representative can configure the e-mail messages that are sent during signoff to include a more informative subject line and message. For example, the subject can be enhanced to include the nonconformance record (NCR) number and the discrepancy number, and the message can include such information as the NCR type, discrepancy number, and the signoff status (approved or rejected).

### Resubmit Buyoff and Discrepancy Text Enhancements (ITS42800)

Your SAP representative can configure NCM to append comments to the discrepancy text or buyoff text when a resubmit is done either from SFM or within NCM. For example, if a user does a resubmit from SFM, the user's ID and name and the text the user entered in the SFM *Resubmit Comments* dialog box can appear in the *Discrepancy Text* section.

### New Configuration Parameters (ITS43354)

There are two new configuration parameters your SAP representative can use if special handling is required for creating or appending to rework orders. To view these configuration parameters in CAPP, select *Maintenance > Configuration Parameters > NCM* and then click the *SFM Interface Parameters* bar:

- *Customer Append to Rework Order Proc.*: This parameter indicates the customer-specific procedure name to use to append to rework orders
- *Customer Create Rework Order Proc.*: This parameter indicates the customer-specific procedure name to use to create rework orders.

## 2.2.3 PMI

There are no PMI enhancements.

## 2.3 Common

### 2.3.1 CB

#### Option to Remove Buyoff Call Prompt (ITS43121)

The new *Automatic Prompt for Buyoff Call* configuration parameter determines whether or not users are prompted to send a buyoff call upon completion of an operation/step with a P (production) inspection stamp followed by an operation/step with a Q (quality) or C (customer) inspection stamp. If this is set to *Yes*, the *Do you want to send a buyoff call* message will appear on operation/step completion, and users will have the option to send or not send the buyoff call. If this is set to *No*, the message no longer appears and no call is sent. The default setting is *Yes*.

To set this in SFM, select the *System > Configuration Parameter* menu and then click on the *Callboard Parameters* bar.



## Callboard E-mail Notifications (ITS42579)

The notification functionality in Callboard has been expanded to send e-mail notifications to more recipients when requesting, responding to, updating, or completing buyoff or freeform calls.

In prior releases, e-mail notifications were only sent to the custodian of the callboard subgroup to which the call was sent if the *Custodian Notification: Email* check box was selected for the subgroup. Now, e-mail notifications can also be sent to the call requestor and the user who responds to the call.

In addition, the e-mail content has been enhanced to provide more details about the call, such as the subject, the call ID, the sending callboard name, the receiving callboard name, the call requestor's name, and the call responder's name.

This enhancement requires that the following new configuration parameters be set. To set them in SFM, select the *System > Configuration Parameter* menu and then click on the *Callboard Parameters* bar:

- *Send Notification to Call Requestor*: If this parameter is set to *Yes*, a copy of the callboard e-mail notification is sent to the call requestor.
- *Send Detailed Notification E-Mail*: If this parameter is set to *Yes*, the contents of the e-mail will include detailed information about the call being sent.
- *Notification on Any Callboard Activity*: If this parameter is set to *Yes*, e-mail notifications are sent for a call response, call request, and call completion.
- *Send HTML E-Mail Notification*: If this parameter is set to *Yes*, e-mail notifications sent to external e-mail addresses are sent as HTML-formatted e-mails.

This enhancement also requires that users have e-mail addresses set up for their user ID in the Employee Master.

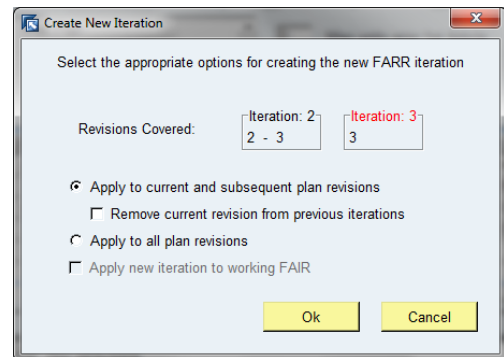
## 2.3.2 FAI

### First Article Iterations (ITS42808)

The First Article Inspection create iteration function was called in a mix of places in SAP Complex Assembly Manufacturing—sometimes by automatic events under certain conditions and manually via the *Edit > New Iteration* menu option in the *First Article Requirement Record* (FARR). This sometimes caused confusion as to when and how new FARR iterations were created.

This enhancement now limits iteration creation to the *Edit > New Iteration* menu option to provide a simpler and easier interface for FAI users. When a user selects this menu option, the *Create New Iteration* dialog box appears. It allows the user to indicate whether or not to apply the iteration to the current and any subsequent plan revisions or to all plan revisions. The user also has the option to remove the current plan revision from being covered by the previous iteration by selecting the *Remove current revision from previous iterations* check box.

If there is a working *First Article Inspection Record* (FAIR) in the shop, the user can apply the new iteration to it by selecting the *Apply new iteration to working FAIR* check box. If the user selects this option, the FAIR is put on hold until the new iteration requirement is set to *ACTIVE* and the changes are propagated to the FAIR.



## 2.3.3 TSM

### TSM Storage Module *Original Expiration Date* Column (CSS3393306)

An *Original Expiration Date* column has been added to the TSM Storage module so that when a user updates the expiration date of TSM, the original expiration date is still visible. This allows material managers to more readily determine what material is the oldest.

Lot Number	Roll	Part Status	Expiration Date	#Exp Date Updates	Orig Expiration Date	UOM	Rem Shelf Life(Hrs)
		IN	25-MAR-2015 08:00 PM	1	28-MAY-2014 08:00 PM	EA	9120.38

### *Issue Time Sensitive Material/Ply Kit* and *Return Time Sensitive Material /Ply Kit* Screen Configuration (ITS40479)

In the *Issue Time Sensitive Material /Ply Kit* and *Return Time Sensitive Material /Ply Kit* dialog boxes, the remaining lives were not shown so there was no way for operators to easily see the amount of life left for time-sensitive materials.

To help make an informed decision before selecting materials, the following fields can now be added to the *Issue Time Sensitive Material /Ply Kit* dialog box using the SFM *Window > Screen Configuration* functionality:

- *Issue Date*
- *Remaining Mechanical Life (Hrs)*
- *Remaining Floor Life (Hrs)*
- *Remaining Handling Life (Hrs)*
- *Remaining Shelf Life (Hrs)*
- *Roll*
- *Root Distinct ID*

Handling Life(Hrs)	Roll	Root Dist Id	Rem Floor Life(Hrs)	Rem Mechanical Life(Hrs)	Rem Handling Life(Hrs)	Rem Shelf Life(Hrs)	Expiration Date
6.00	597	.00	.00	.00	.00	.00	
6.00	597	71.53	.00	.00	.00	.00	

Also, the lower section of the *Issue Time Sensitive Material / Ply Kit* dialog box, which lists the material that can be issued to the order, can now be configured; in the past, this was not an option. You can add the following fields to this section:

- *Distinct ID*
- *Handling Life (Hrs)*
- *Location*
- *Max Floor Life (Hrs)*
- *Original Distinct ID*
- *Remaining Floor Life (Hrs)*
- *Remaining Mechanical Life (Hrs)*
- *Roll*
- *Status*
- *Expiration Date*
- *Issue Date*
- *Lot Number*
- *Mechanical Life (Hrs)*
- *Original Expiration Date*
- *Remaining Handling Life (Hrs)*
- *Remaining Shelf Life (Hrs)*
- *Root Distinct ID*
- *Sub Location*

The following fields can now be added to the *Return Time Sensitive Material / Ply Kit* dialog box using SFM *Window > Screen Configuration* functionality:

- *Handling Life (Hrs)*
- *Max Floor Life (Hrs)*
- *Remaining Floor Life (Hrs)*
- *Remaining Mechanical Life (Hrs)*
- *Roll*
- *Issue Date*
- *Mechanical Life (Hrs)*
- *Remaining Handling Life (Hrs)*
- *Remaining Shelf Life (Hrs)*
- *Root Distinct ID*

Max Floor Life(Hrs)	Floor Life Status	Mechanical Life(Hrs)	Handling Life(Hrs)	Roll	Root Dist Id	Rem Floor Life(Hrs)	Mechanical Life(Hrs)
6.00	Expired	24.00	4.00		601	.00	.00
24.00	Complete	72.00	8.00		602	17.98	.00

As with many SFM screens and dialog boxes, the field names listed above are configurable using the [Window > Screen Label Configuration](#) menu.

## TSM Not Consumed Warning Message (ITS40519)

In the past, when an operator completed an operation that had TSM on it that had not been consumed, a warning message would appear. Once the operator acknowledged the warning message, the operator could complete the operation. Since the warning only appeared for operations with TSM on them, other operators might not know that TSM had not been consumed until they attempted to complete and close the order.

Now, a warning that TSM has not been consumed can appear for every operation in an order that has unconsumed TSM regardless of whether or not the operation has TSM on it. To have the warning appear for all operations, the new configuration parameter [Display Error Message on All Operations](#) must be set to *Yes*. If it is set to *No*, the warning will continue to appear only for operations with unconsumed TSM.

To set this configuration parameter in SFM, select the [System > Configuration Parameter](#) menu and then click the [Time Sensitive Material](#) bar.

Only operators with the user permission [Clear Comp Oper: Bypass TSM Edit](#) permission can override the warning and continue with operation completion.

## New Issue Material Configuration Parameter (ITS40593)

There is a new [TSM Issue Material Process](#) configuration parameter with three options that controls when material can be issued to orders and what materials appear in the issue material list:

- [Issue Material if TSM Status = 'IN'](#): Only material with a status of *IN* can be issued to orders.
- [Issue Material if TSM Status = 'OUT'](#): Only material with a status of *OUT* can be issued to orders.
- [Issue Material if TSM Status = 'IN' or 'OUT'](#): Material with a status of *IN* or *OUT* can be issued to orders.

To set this configuration parameter in SFM, select the [System > Configuration Parameters](#) menu and then click the [Time Sensitive Material](#) bar.

## New and Removed TSM Logon Permissions (ITS41418)

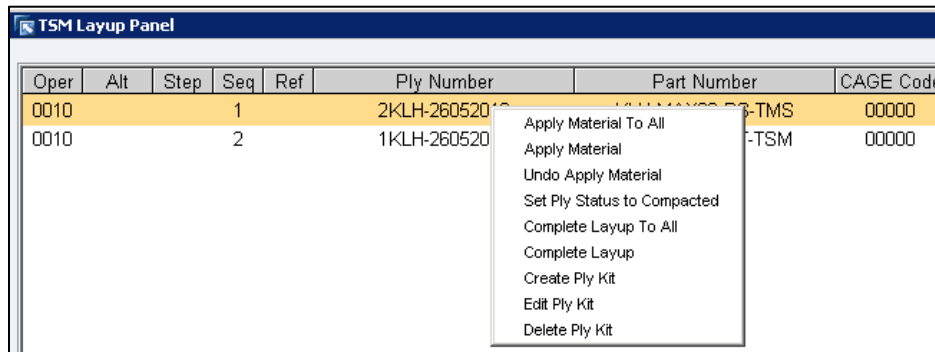
Four TSM logon permissions have been removed and replaced with nine new logon permissions to more tightly control the TSM functions users can perform.

The following permissions were removed:

- *Access to Layup Apply Material/Set Ply Status*
- *Access to Layup Complete Layup*
- *Access to Layup Create/Edit Kit*
- *Access to Layup Delete Kit*

The following permissions were added. These allow the logon ID to view the functions noted below in the right-click menu in the *Order Ply List* dialog box, which is accessed via the *Shop Display > Order Ply List* menu:

- *Access to Apply Material*
- *Access to Apply Material to All*
- *Access to Complete Layup*
- *Access to Complete Layup To All*
- *Access to Create Ply Kit*
- *Access to Delete Ply Kit*
- *Access to Edit Ply Kit*
- *Access to Set Ply Status to Compacted*
- *Access to Undo Apply Material*



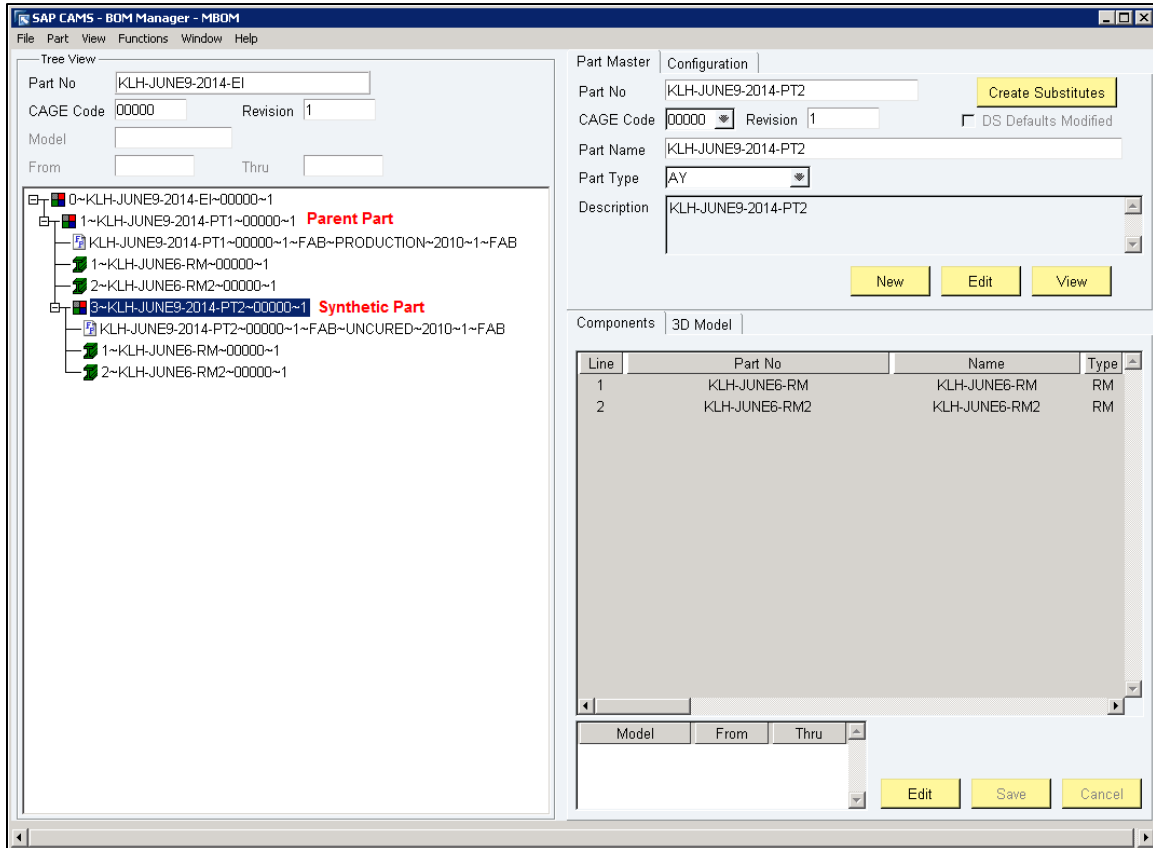
In addition, the *Set Ply Status to In Cure* option has been removed from the right-click menu. It performed the same function as completing the layup so it was unnecessary.

## Kit and TSM Storage Module Enhancements (ITS44028)

The TSM functionality has been enhanced to allow the creation of kits for an order, for the order to close with plies in *Stopped* status, and for the plies to transfer to a parent order at another time. The system also now automatically creates kit IDs—users no longer have to manually enter them. Also as part of this enhancement, multiple rolls can be received at one time in the TSM Storage Module, and multiple rolls or kits can be selected at one time to do functions against them.

This enhancement requires that an “uncured” synthetic part number is created in BOMM as a component of the parent part used for the layup of the part. The uncured synthetic part number is used for kit cutting only, not curing, and allows the order for these kits to close when the plies are in a *Stopped* status. In BOMM, a parent part

can have only one uncured synthetic component; however, the system does not validate that there is only one such component. The uncured synthetic part number should be the only part directly below the parent in the BOM. Also, the parent part number and the synthetic part's first 15 characters must match.



As part of this enhancement there is a new BOMM *Uncured Plies Part Types* configuration parameter that should list the part types that are uncured types. To set this in CAPP, select *Maintenance > Configuration Parameters > BOM* and click the *Part Parameters* bar.

There are also two new CAPP configuration parameters. To set the following in CAPP, select *Maintenance > Configuration Parameters > CAPP* and click the *Miscellaneous Parameters* bar:

- *Uncured TSM Plan Sub-Type*: This parameter indicates the plan subtype value or values that flag a plan that includes uncured TSM plies. It is used in conjunction with the *Uncured Plies Part Types* configuration parameter discussed above. When there is a parent plan that contains any component parts that have an *Uncured Plies Part Type* value, the TSM plies on this plan that are also contained in the plan for the uncured plies synthetic TSM part must be identified on the parent plan with a *U* in the *Ref* field (discussed later in this section) in the TSM ply list.
- *Compare Uncured Parent/Child Ply Lists*: This parameter indicates whether or not the TSM ply lists of parent and child plans that include uncured TSM plies should be compared for mismatches. If this is set to *Yes* and there are mismatches, a warning message is presented to the user, but it does not prevent the user from saving either of the plans as *Complete*.

In CAPP, there is a new *Uncured* plan subtype in the *Valid Plan Subtypes* table for fabrication plans. To view or edit this table in CAPP, select *Maintenance > Validation Table*, select *Valid Plan Subtypes* in the *Table Maintenance Selection* dialog box, and click *Edit Data*.

The uncured synthetic part should be the only part within the parent BOM with a plan that has an *Uncured* plan subtype.

The ply tables in the parent and uncured synthetic plans should be the same, except for the *Ref*(reference designator), *Kit Assignment #* (Number), *Layup Oper*, *Cure Oper*, and *Compaction Oper* columns. As explained above, if the *Compare Uncured Parent/Child Ply Lists* configuration parameter is set to *Yes*, then the planner is warned if the plans are not the same.

Plan Type	Subtype	Plan Subtype Description	Active
FAB	ALTERNATE	Alternate Fab Plans	A
FAB	PRODUCTION	Same as "Regular"	A
FAB	REGULAR	Regular Fab Plans	A
FAB	REWORK	Fab Rework Plans	A
FAB	TESTING	new test	A
FAB	UNCURED	Ply Kit Plan	A
INST	ALTERNATE	Alternate Installation Plans	A
INST	PRODUCTION	Production Planning	A
INSTL	REGULAR	Regular Installation Plans	A
INSTL	REWORK	Installation Rework Plans	A

The *Kit Assignment #* column is a new column that allows a planner to identify what kit the plies belong to. This is useful when a kit may be so large that it needs to be broken down into multiple kits. It allows users to leave kits in the freezer, for example, until they are ready to issue the plies in the kits to the parent.

Plies with a *Ref* value of *P* or blank can be put into kits<sup>1</sup>; plies with a *Ref* value of *S*, *R*, or *N* cannot be put into kits. If plies in the table have a value of either *P* or blank, then the planner can enter a number, up to three digits, in the *Kit Assignment #* column for these plies. If a number is entered, then every ply with a *Ref* value of *P* or blank in the table must have a number; the column cannot be blank.

**i** Note

You can change the name of the *Kit Assignment #* column in SFM using the *Window > Screen Label Configuration* menu. Select the *TSM – Plan Ply List* or *TSM – Order Ply List* screen. You can change where the column appears in the dialog box using the *Window > Screen Configuration* menu.

<sup>1</sup> *Ref* values: *N* indicates a nonvalidated ply that is not tracked and does not have a *Part Master*; *P* indicates a child ply (can be used in kits); *R* indicates a reference ply that is not tracked; *S* indicates a parent ply (synthetic, reference); *U* indicates a ply that will receive materials from a kit; and blank is for a regular ply that can be used in a kit.

Planners should first build the ply list for the parent plan. The raw material for the child plies should have a *Ref* value of *U* as shown in the example below. For items with a value of *U*, the system only verifies that the material exists in a BOMM *Part Master*. It does not validate that the part exists in the plan's parts list or the MBOM of the parent part.

The screenshot shows the TSM Layup Panel for a parent plan. The document information is as follows:

- Document: Fab Plan
- Part No: SB1A-032-190-123
- Plan Version: 1
- Plan Subtype: PRODUCTION
- Plant: 3999
- Status: COMPLETE

The Ply List table is shown below:

Layup Oper	Step	Seq	Ref	Ply Number	Material Part Number	Kit Assignment #	CAGE Code	Length	Width	Orientation
10	1	1	R	SBA-032-190-123.P001	2000-00722-00		00000			+45
10	2	2	S	SBA-032-190-123.P002	2000-00722-00		00000			+00
20	3	3	U	SBA-032-190-123.P003	2000-00722-00		00000			+45
20	4	4	U	SBA-032-190-123.P004	2000-00722-00		00000			+00
20	5	5	U	SBA-032-190-125.P001	2620-06082-00		00000			+45
20	6	6	U	SBA-032-190-125.P002	2620-06082-00		00000			+00
30	7	7	U	SBA-032-190-127.P001	2620-06102-00		00000			+45
30	8	8	U	SBA-032-190-127.P002	2620-06102-00		00000			+00
40	9	9	U	SBA-032-190-129.P001	2700-99961-00		00000			+45
40	10	10	U	SBA-032-190-129.P002	2700-99961-00		00000			+00

The ply list of the parent should then be copied to the ply list of the child synthetic's plan using the *Edit > Copy* menu. Any raw material with a *U* reference value on the parent's ply list should now be changed to *P* or blank as shown below. The child ply list should not have any *U* reference designators; however, the system does not validate this. The planner must still confirm that all the applicable parts from the BOM (any ply set to anything other than *U* or *N*) have been consumed accurately into the plan.

The screenshot shows the TSM Layup Panel for a child synthetic plan. The document information is as follows:

- Document: Fab Plan
- Part No: SB1A-032-190-123A
- Plan Version: 1
- Plan Subtype: UNCURED
- Plant: 3999
- Status: COMPLETE

The Ply List table is shown below:

Layup Oper	Step	Seq	Ref	Ply Number	Material Part Number	Kit Assignment #	CAGE Code	Length	Width	Orientation
10	1	1	R	SBA-032-190-123.P001	2000-00722-00		00000			+45
10	2	2	S	SBA-032-190-123.P002	2000-00722-00		00000			+00
10	3	3	P	SBA-032-190-123.P003	2000-00722-00		00000			+45
10	4	4		SBA-032-190-123.P004	2000-00722-00		00000			+00
10	5	5		SBA-032-190-125.P001	2620-06082-00		00000			+45
10	6	6		SBA-032-190-125.P002	2620-06082-00		00000			+00
20	7	7		SBA-032-190-127.P001	2620-06102-00		00000			+45
20	8	8		SBA-032-190-127.P002	2620-06102-00		00000			+00
20	9	9		SBA-032-190-129.P001	2700-99961-00		00000			+45
20	10	10		SBA-032-190-129.P002	2700-99961-00		00000			+00

During the save complete of the plan, CAPP retrieves a distinct list of all material from the ply list where the *Ref* is *U*. If the given material does not already exist in the operations' parts list (regardless of part quantity or callout type), CAPP will systematically insert that material as a reference component part into the parts list with a zero quantity. This insert occurs just prior to the validation step that identifies missing TSM raw material from the parts list. As part of this step, the system will never systematically delete any reference parts from the parts list. Any removal of system-added reference parts is the user's responsibility.

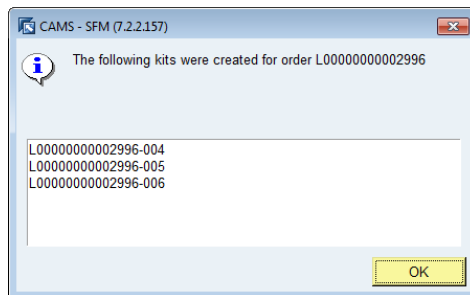


The following rules apply to any SFM orders created from plans with the *Uncured* subtype:

- The orders can close with uncured TSM plies on them. However, the plies must have a status of *Stopped*.
- Plies with a compact operation requirement will not change to *Compacted* status when the compact operation is completed.
- Plies with a complete operation requirement will not change to *Complete* status when the complete operation is completed.

In SFM, the *Create Ply Kit* function now takes into account the kit assignment number. When the *Create Ply Kit* function is used on an uncured order with no kit assignment numbers, the *Create Ply Kit* dialog box appears listing the plies available for kitting and the user must manually select one or more plies for the kit. The *Kit ID* field is now disabled so the user can no longer enter a kit ID number. Once the user clicks *OK* or *Apply*, the system automatically assigns a kit number in the format order number-next sequential kit number, e.g., L00000000002994-001 as shown.

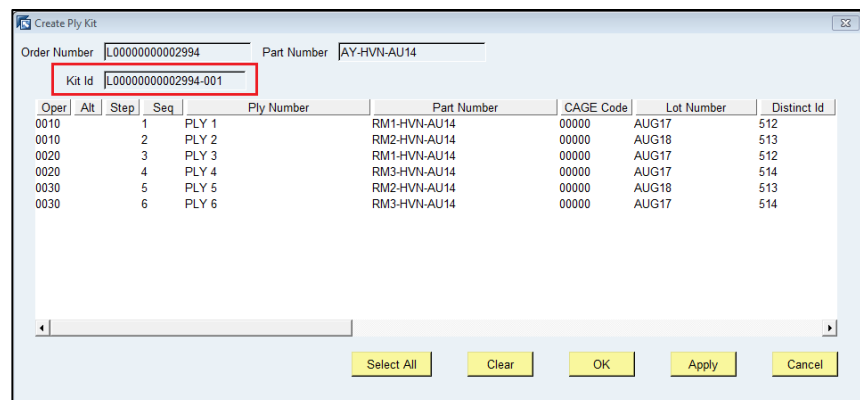
When the *Create Ply Kit* function is used on an uncured order with kit assignment numbers, the system automatically creates the kits and posts a message listing all the kits that have been created for the order once the creation is finished.



Kits are still issued using the *Issue Kit* function in SFM. The *Issue Time Sensitive Material/Ply Kit* dialog box will list available kits created for the selected order and for the synthetic part number in the order's parts list. The system checks that once multiple kits have been selected for a parent order, all of the sibling kits are issued to that same parent order; kits cannot be issued to different parent orders. The issue of all the kits, however, can happen at different times. If there are any mismatches or a ply table does not exist for the parent part, the system will display an error message. (It is considered a match if the following columns are the same between the parent and the child ply list: *Seq*, *Ply Number*, *Part Number*, and *CAGE Code*, but NOT by operation number.)

Once a kit is issued to a parent order, the kit number becomes inactive and cannot be used again. All the time data that was gathered on the synthetic order ply table is moved to the parent ply table and the status becomes *OUT*. The system will then follow the same logic used for regular TSM orders where plies must be in a *Completed* status before the parent order can be closed.

Also the *Apply Material* and *Apply Material To All* functions now ignore any plies with a *Ref* value of *U*. If a user selects either function for plies with a value of *U*, an error appears stating that the ply must get its material information from a kit.



In the TSM Storage Module, users can now receive multiple rolls at once. Selecting the *Receive Multiple Rolls* check box on the *TSM Receive Material* screen adds a *# of Rolls* field into which the user can enter the number of rolls. Based on the number entered, the system adds a row for each roll. The user must enter a roll identifier in the *Roll* column and can enter a *Distinct ID* value or leave that column blank to have the system assign the next ID number to the roll.

The screenshot shows the 'TSM Receive Material' screen in SAP CAMS. The 'Receive Multiple Rolls' checkbox is checked, and the '# of Rolls' field is set to 3. Below this, a table lists three rolls for Part Number KLH-MAY26-PS-TMS, each with a distinct roll ID and location 1220.

Part Number	CAGE Code	Lot Number	Distinct Id	Roll	Locatio
KLH-MAY26-PS-TMS	00000			KLH-ROLL-123	1220
KLH-MAY26-PS-TMS	00000			KLH-ROLL-456	1220
KLH-MAY26-PS-TMS	00000			KLH-ROLL-789	1220

Finally, users can select multiple rolls or kits at one time to do selected functions for them. The *Select Mode* field will list either *Single* or *Multi* to indicate whether users can select only one roll or kit in the search results or multiple rolls or kits at once. When *Select Mode* is *Multi*, users can select multiple rolls or kits and (depending on the status) issue rolls to a work center, update the location of rolls or kits, return the rolls, or inactivate the rolls.

To be able to select multiple rolls or kits, the following search fields must be set as noted:

- The *SFM* or *SFM Kit* option must be selected.
- *TSM Status* must be set to *In*, *Out*, or *Exp-Out* (Expired Out).
- *Rolls Only* must be set to *Yes* if the *SFM* option is selected.
- There must be entries in the *Location* and *Sub Location* fields.

The screenshot shows the 'TSM Storage Module' search screen. The 'Select Mode' field is set to 'Multi'. Below this, a table lists search results for Part Number KLH, showing multiple rolls with distinct IDs and locations.

Part Number	CAGE Code	Distinct Id	Orig Distinct Id	Root Distinct Id	Order Number	Lot Number	Roll	art Stati
KLH-JULY1-MIS	00000	875		875		KLHLOT4532	klh123	IN
KLH-JULY1-MIS	00000	876		876		KLHLOT4532	klh456	IN
KLH-JULY1-MIS	00000	877		877		KLHLOT4532	klh567	IN
KLH-NOV29-PL	00000	878		878		KH54321	KLH457	IN
KLH-NOV29-PL	00000	879		879		KH54321	KLH563	IN
KLH-NOV29-PL	00000	880		880		KH54321	KLH875	IN

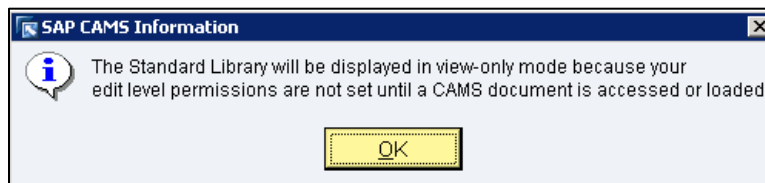
## 2.3.4 TC&A

There are no TC&A enhancements.

## 2.3.5 Shared

### Standard Library View-only Message (CSS520007)

If a user logs into SAP Complex Assembly Manufacturing and immediately selects an option in the *Maintenance > Standard Library* menu, the message below now appears. In prior releases no message was presented so users did not understand why they could not make edits. A user must access a document type, e.g., an installation or fabrication plan, in order to open the *Standards Library* in edit mode.



## 3 Issues Addressed

The following tables list the issues addressed in this release.

### 3.1 Planning and Definition Modules

#### 3.1.1 BOMM

SAP Reference	Description	Priority
CSS152218	Oracle error when importing 3d model with no instance data	Medium
CSS154683	Error message when using <i>Delete All Components</i> in an MBOM with plants active.	High
CSS154741	Error message <i>Bad Window Path Name "bommaintenance"</i> .	High
CSS19122	Backslashes being added when BOMM part parameter configurations are saved.	High
CSS210110	When importing from Visual Enterprise Generator, material masters should not update.	Medium
CSS30982	Bulk indicator issue.	Medium
CSS3725457	ABOM tree is not expanding.	Medium
CSS4385532	Component parts missing in ABOM tree for a fab order.	Medium
CSS4475913	BOM import is failing.	Medium
CSS4781736	Issues allocating components when SAP Complex Assembly Manufacturing is integrated with Visual Enterprise but no model exists for the given EBOM or MBOM.	High
CSS512219	Get an error when switching from MBOM/ABOM to SBOM.	Medium
CSS742409	Remove and replace does not handle removing and replacing the same part/serial number multiple times, which causes an ABOM issue.	High
CSS761986	ABOM issue on remove only function.	Medium
CSS79463	MBOM effectivity error message issue.	Medium
ITS36991	There are significant performance issues when importing large sets of part masters.	High
ITS40065	ABOM retrieval time is excessive.	Low
ITS40508	Cannot release the BOM and the plan together with a save <i>Complete</i> .	High
ITS41345	Error with up-revving a released to MRP phantom.	High
ITS42483	Error encountered using the <i>Correct Serial</i> shortcut menu option in ABOM.	High
ITS42663	Error message in MBOM after selecting a part to add to the MBOM in the list view.	Low
ITS42759	Issues with <code>::hmsBom::RecLoadFabPartListDataValues</code> and <code>::hmsBom::RecLoadFabPartListDataValuesBind</code> .	Low

SAP Reference	Description	Priority
ITS43939	MBOM incorporation is creating duplicate component requirements.	High
ITS44013	Removed part has an invalid UID construct value in ABOM.	Medium
ITS44268	Need a change to the procedure <code>hmsBom::SFMMbomCompare</code> to support a requirement that adds an additional key field ( <i>Reference Designator</i> ) to the part usage of a component. The procedure must account for additional fields making the item unique.	Low
ITS45075	Adding component freezes BOMM.	High

### 3.1.2 CAPP

SAP Reference	Description	Priority
CSS106047, CSS106048, and 4065831	Error when releasing routing to SAP ECC (step installation plan).	Medium
CSS1455454	Duplicate apostrophe in operation text.	Medium
CSS154755	Error message when saving plans complete.	High
CSS187041	Routing errors for document type CREATE_SAPROUTINGRELEASE_001: sending messages more than one time, triggered by saving a plan complete.	High
CSS2004780	Illegal variable name/number when saving an installation step plan complete.	Medium
CSS210374	Releasing a standard plan tries to send a routing to SAP ECC.	Medium
CSS221540	Operation precedence does not work properly; database error.	High
CSS224865	Site not being populated on the plan header.	Medium
CSS263082	Frozen standard text.	Medium
CSS3889943	The validation table for SAP ECC control keys does not exist.	Medium
CSS416669	Incorrect message when copying operations if the first operation contains all zeroes.	Medium
CSS465480	Tool plan is being saved with <i>Schedule Order Data</i> (which is required) blank.	High
CSS47349	Unable to close subdocument window after printing.	Medium
CSS475485	Unable to export installation and fab plans.	Medium
CSS83041	Error message appears when find and replace is attempted.	Medium
CSS927298	When copying a step, the title is being overwritten.	Medium
CSS950807	Within CAPP tables, if you have more rows than are visible for multiple screens, selecting page down will move the tables a page down plus one row, which causes users to miss one row.	Low
ITS38743	Fab plan has open signoff lines but the plan is in <i>Complete</i> status.	High
ITS40540	System does not send email notifications but signoff indicates notification has been sent.	High

SAP Reference	Description	Priority
ITS42447	MFG link to DESIGN not working for a null <i>Tool Series</i> .	High
ITS42796	Standard process does not copy operation configuration when added to plan.	High
ITS43233	Unable to create a fab rework plan.	Low
ITS43370	Last logged on message is corrupt (date/time issue).	High
ITS43507 and 43960	Search errors when using <i>Process Doc Id</i> query.	High
ITS43827	User can add/change header notes for an order/plan in OM and CAPP without editing the plan/order itself.	Medium
ITS44563	Error message after clicking <i>Close</i> in the upper-right corner.	Medium
ITS45252	Issue in proc ::hmsCapplnit::ConfigureCapMandatoryWidgets.	Medium
ITS45333	Copy and paste of header note data collection tables does not save correctly.	High
ITS45474	Oracle error when exporting to XML.	High

### 3.1.3 MCM

SAP Reference	Description	Priority
CSS134714	A query in the application is returning {ORA-01036: illegal variable name/number}.	Medium
CSS700458	Plan has implement status with hold notes, but the signoff shows approved. Cannot save plan complete. Order cannot be released.	High
ITS39689	Deleting a line in the Execution Signoff cycle causes a unique constraint error.	Low
ITS41744	Database error when clicking on action items.	High
ITS42003	Updating an action item in the Execution phase—double-clicking in any date field does not pop-up a calendar for date entry.	Low
ITS43321 and 770489	Error while completing a change record.	Medium
ITS43389	No validation for <i>Planned As</i> and for <i>Planned Next Assy</i> fields in the <i>Update Part Data</i> dialog box.	High

### 3.1.4 OM

SAP Reference	Description	Priority
CSS465630	Unable to perform OM on an order.	High
CSS700126	Plan precedence performance.	Medium

SAP Reference	Description	Priority
CSS724880	User name required to go into OM from SFM.	High
CSS878555	Cannot save complete in OM.	Medium
ITS41412	Incorrect error message when retrieving an order (search by <i>Authority</i> field).	Medium
ITS43096	Copy standard operation error. <i>Retrieve From Plan</i> function caused prior condition for hiding the <i>Retrieve Standard</i> button to break.	High
ITS44136	Order not saving complete. <i>Operation cannot be found</i> error.	High
ITS45404	Parts are disappearing from the <i>Parts List</i> when modifying operations in OM.	High

## 3.2 Execution Modules

### 3.2.1 SFM

SAP Reference	Description	Priority
CSS1000351	Standard text data collection or skipping a step focus issue in <i>Execution Operations</i> : SFM window appears in front of <i>Execution Operations</i> , which fails to auto-refresh.	Medium
CSS1023466	<i>Order Status</i> function key focus issue.	Medium
CSS1032946	In a standard text table, the initial row is not immediately visible in <i>Execution Operations</i> . The user must click the white space below the table to see the row.	Medium
CSS1057180	<i>Execution Operations</i> row not highlighted.	Low
CSS1126142	Standard text audit history is created for <i>Not Started</i> steps.	Medium
CSS1126828	An operation is completed with a skippable step. A user then undoes the skip. The operation remains completed but the step is now in <i>Not Started</i> status.	Medium
CSS1127329	When performing a buyoff and then immediately using the scrollbar, some users experienced a system lockup.	Medium
CSS1129982	Loading and viewing orders in <i>Execution Operations</i> is taking 30+ seconds.	Medium
CSS1141816	The <i>Activity History</i> window opens behind SFM or the <i>Execution Operations</i> window.	Medium
CSS1152012	Shop supervisors cannot stop labor for their employees and receive an error.	Medium
CSS119285	Error: <i>Window name "sw" already exists in parent.</i>	Low
CSS119613	Error: <i>can't read _hmsShopDisplay_stepPaneAssociation.</i>	Low
CSS126624	When launching SFM from the main menu and navigating to the <i>Order Status</i> screen, the <i>Search Criteria</i> and <i>Refresh Data</i> buttons do not appear.	Medium
CSS136553	<i>Shop Notes</i> 250 character limit problem.	Medium
CSS146103	The WIP CCRT appears to be splitting quantities off of the parent order instead of copying the parent order to the CCRT order and then closing the original parent order.	High

SAP Reference	Description	Priority
CSS151516	Cannot add a charge number.	Medium
CSS169163	Changed work center import to use LOIWCS02 IDoc instead of LOIWCS03.	Medium
CSS171826	Get MakeDirectMiddlewareCall returned a status of BAPI call failed error when trying to close an operation.	High
CSS1734530	Error when selecting <i>NCR List</i> on the dashboard.	Low
CSS187821	Project number does not appear in <i>Labor Activities</i> , and after viewing <i>Labor Activities</i> errors arise as user navigates SFM.	Medium
CSS20226	SFM menu option <i>Help &gt; About Shop Mgmt</i> yields the error <i>..hmsGui: AboutBox not defined properly</i> .	Medium
CSS212132	Batch mode operation constraints are causing operation status confusion.	Medium
CSS2298419	Serial number collection failure.	High
CSS232060	Get a database error when unchecking <i>Show All Orders</i> in <i>Execution Operations</i> .	High
CSS2344496	Order tree disappears after collecting data in <i>Execution Operations</i> .	Medium
CSS240729	<i>Job Queue</i> not working properly.	High
CSS2590944	Error on attempt to call <i>Execution Operations</i> .	High
CSS264170	Error while transitioning from SFM to the main menu.	Medium
CSS2663369	Error appears when switching between CAPP, SFM, and <i>Execution Operations</i> .	Medium
CSS2767053	Database error creating bookmarks in <i>Execution Operations</i> .	Medium
CSS304745	User setting of work location is not saved in the <i>Assembly Dashboard</i> .	Medium
CSS304837	Second process percent complete transaction by a different user on the same operation does not get executed.	High
CSS318511	User is stuck at lunch if an order is closed, scrapped, or cancelled while the user is at lunch.	Medium
CSS3228010	System loses focus on <i>Execution Operations</i> .	Medium
CSS334561	Serialized parts data entry issue.	Medium
CSS3642441	SFM profile not being stored.	High
CSS374967	Audit verification Earned Standards SAP Complex Assembly Manufacturing vs. SAP ECC: For the ConvertPercentHours proc, it seems that if the standard hours are less than 1.0000, then the process is returning #0.0000# instead of #100.0000#.	High
CSS379547	Hard-coded column name for the SD_OPER_STEP_SUMMARY table.	Medium
CSS379547	SQL error in <i>Shop Display</i> .	Medium
CSS407056	Main menu will not open from SFM or <i>Execution Operations</i> .	Medium
CSS418712	WIP_SERIALIZED_PARTS table being corrupted.	High
CSS466069	The <i>Assembly Dashboard</i> locks up due to Tcl syntax error.	Medium
CSS466079	Standard text fields are unusable in <i>Execution Operations</i> .	Medium
CSS470828	Completing an operation while another user is at lunch does not allow the user to return from lunch.	Medium



SAP Reference	Description	Priority
CSS47442	Database error when viewing an order in <i>Execution Operations</i> .	Medium
CSS47442	Database error appears when viewing an order in <i>Execution Operations</i> .	Medium
CSS480226	Started batch still sending start messages.	Medium
CSS489496	Error while trying to enter a serial number.	High
CSS489563	Redundant standard text audit history.	Medium
CSS501665	Need to save first before entering data in a batch.	Medium
CSS518660	The <i>Shop Display</i> screen appears instead of the <i>Work Queue</i> .	Medium
CSS520799	<i>Activity History</i> does not show the order start when the first operation is started.	Medium
CSS538801	The <i>Assembly Dashboard</i> queries twice.	Medium
CSS554130	Deleting an order should delete related items from WL_ORDER_WORK_LOCATIONS.	Medium
CSS568100	Continue charging setup message after stopping setup charging.	Medium
CSS599521	<i>Labor Activities</i> inquiry performance.	Medium
CSS621873	Calculate formula is not working.	Medium
CSS621923	Browser order is missing data.	Medium
CSS641133	Cannot change user or logon profiles.	Medium
CSS662032	Complete sequence giving an error.	Medium
CSS671489	Stuck in standard text once it has been clicked on in a nonstarted operation in <i>Shop Display</i> .	Medium
CSS681751	Batch scan enter is not working	Medium
CSS806087	Get an Oracle 999 error when trying to view the <i>Assembly Queue</i> .	Medium
CSS815989	Step description is missing in <i>Shop Display</i> and <i>Execution Operations</i> .	Medium
CSS83349	When switching between <i>Execution Operations</i> and <i>Order Status</i> using the <b>F5</b> key to refresh <i>Order Status</i> , the system locks up.	Medium
CSS840683	<i>Execution Operations</i> screen display error—none of the detail text appears.	Medium
CSS888050	Archive issues—archival process and viewing.	Medium
CSS937374	<i>Execution Operations</i> cannot initialize drop-down data collection fields.	Medium
CSS949183	Concurrent users cannot execute on the same order. Removed the lock on the WIP_ORDER table as part of the Complete Operation activity as it was not necessary.	High
CSS949943	Operation not found error in <i>Execution Operations</i> .	Medium
CSS957861	Error when scanning barcode on <i>Shop Display</i> screen.	Medium
CSS958361	Batch: No option to return from lunch	Medium
CSS981530	Application title does not change.	Low
ITS38386	An unexpected error appears when user entered incorrect password.	Medium
ITS39273	Replace removed part with a different serial number.	Low
ITS40570	Get database error when trying to save changes in <i>Screen Configuration</i> .	High

SAP Reference	Description	Priority
ITS40617	Entering invalid UID clears or changes the <i>Serial Number</i> field on the <i>Serialized Parts</i> dialog box.	High
ITS40773	Order split performance is extremely slow for serialized orders.	High
ITS40881	Cannot consume a serialized installation kit parent part.	High
ITS40938	Ready and complete quantities are incorrect after a split is performed on a partially completed operation.	High
ITS40973	Serialization drop-down—currently there are duplicates due to a rework order type.	High
ITS40978	System generates no error message for an incomplete part number sent to SAP Complex Assembly Manufacturing; need an error message to find cause of the defect.	High
ITS40994	Order/operation closure is allowed when auxiliary data is not completely collected.	High
ITS41397	Issue with the ready quantity for splits that have been in Order Maintenance.	High
ITS41455	Scrap is failing because the interface cannot close the NCR.	High
ITS41594	Oracle <code>SerialCollectorHelpers.BuildPartsMatrix</code> package runs very slowly.	Low
ITS41677	<i>Can't read "parentComplete": no such variable</i> error.	High
ITS41729	Order cancel is not working if the order is on hold.	High
ITS41767	Incorrect part ID number in generated UII.	High
ITS41791	Error message after clicking <i>Show orders for plan</i> button in <i>Acknowledgement</i> screen.	High
ITS41865	Related orders issue for tool orders.	High
ITS41878	<i>Show orders for plan</i> button error.	High
ITS41924	Split failed in SAP MII—error message <i>Unable to compute critical ratio</i> .	High
ITS42060	Error message prevents creation of unplanned removal—legitimate serial duplication.	High
ITS42126	Application not handling the unplanned removal scenario properly where a part/cage has multiple Part Masters, one UID and one not UID, and the part is not installed with a UID.	High
ITS42185	Recording serial numbers that exist in the <code>WIP_SERIALIZED_PARTS</code> table with <code>AVAIL_FOR_COLLECTION</code> flag = 0 fails.	High
ITS42233	Cannot cancel an IK order.	High
ITS42256	Getting a database error while collecting serial data.	High
ITS42315	Header notes with a 0 change alert value show up for acknowledgement.	Low
ITS42503	The <i>Related Order</i> dialog box no longer displays data for disposition orders.	High
ITS42945	Specific MBOM configurations result in serial data loss in SFM when performing specific unplanned removal activity	High
ITS43122	Move the Go To Lunch information message so that it appears after the post event.	Low

SAP Reference	Description	Priority
ITS43200	Stop messages for clocking off.	Low
ITS43209	UID format is inconsistent when collecting parent serial number.	High
ITS43218	Activity history messages are not displaying correctly.	High
ITS43222	Translation error when typing in incorrect UID number.	Medium
ITS43311	Serial/UID not stable.	High
ITS43326	LOIPRO transaction fails in SAP MII; unable to create an order.	High
ITS43332	ZB_LOIPRO_CANCEL transaction fails in SAP MII; unable to cancel an order.	High
ITS43354	Receive serialization error when attempting to complete resubmit disposition when no serialization exists. See the Enhancements section for two new <a href="#">configuration parameters</a> created for this issue.	High
ITS43380	Receive an error when retrieving and trying to re-install a part on an unplanned removal record.	High
ITS43421	Impossible to create an order using <i>Create Linked Order</i> .	High
ITS43505	Remove the check for required order quantity when moving an operation.	Low
ITS43631	Extra messages on <i>Batch Order Scan</i> cancel.	Low
ITS43677	Proper lunch error is not presented.	High
ITS43678	Incomplete message after return from lunch.	Low
ITS43780	UID generation overrides collected UID information.	High
ITS43828	Incorrect error message when clicking in a data field in <i>Shop Display</i> for a nonstarted operation.	Low
ITS43850	The <i>OK</i> button does not save the changes when removing serials for planned removal parts.	Low
ITS43862 and 43968	Can't save a duplicate serial.	High
ITS43904	Generating a UID in manual data entry mode does not allow entry of a CAGE code; the CAGE code is defaulted to 00000.	High
ITS43970	SFM was/is order compare does not display all the components of an order.	High
ITS43972	Unplanned removal re-installed part is not enforcing UID requirements.	High
ITS43973	Invalid construct error on unplanned removal record.	High
ITS44134	The <i>Order Operation Parts List</i> dialog box does not appear in <i>Shop Display</i> .	High
ITS44354	Resubmit functionality not working due to multiple database entries in the NCM_DISPOSITION_BUYOFF table.	High
ITS44391	SFM is not working—database errors on the <i>Order Status</i> and the <i>Work Queue</i> screens.	High
ITS44763	The <i>Assembly Dashboard</i> is not accessible.	High
ITS44781	Incorrect error message displaying when user attempts to cancel an NCR from a resubmit.	Low
ITS44998	Two part order for serialized detail closed without recording the serial number.	High

SAP Reference	Description	Priority
ITS45337	Activity History date/time sort does not work correctly.	High
ITS45394	replan to standalone of a closed discrepancy item does not show REPLANNED in SFM NCR list,	Low

### 3.2.2 NCM

SAP Reference	Description	Priority
CSS885923	No data found when trying to retrieve a rework plan.	Medium
ITS40947	Error message displayed when retrieving NCM records.	Low
ITS42746	Retrieve screen error when searching by NCR create date.	High
ITS43098	Parent order with serial/UID is not recognized in NCM when trying to write an NCR.	High
ITS43397	Incorrect error message when adding an NCR.	Low
ITS43477	System is displaying incorrect information in Nonconformance Management (Parts and Tooling).	High
ITS43482	When rejecting an NCR, the system is closing items in the signoff, which is limiting the ability to process the NCR.	High
ITS43514	System is not enforcing entry of mandatory data for rejection comments.	High
ITS43564	Expected signoff information message is missing.	Low
ITS43710	System is no longer displaying date and time stamp in NCM when Shop and Inspection Notes are added in SFM to a disposition order.	High
ITS44751	NCR Header and Discrepancy Signoff functionality allowing user to change group and continue to edit NCR.	High
ITS45034	Retrieving: cannot search using low and high values for some fields.	Low

### 3.2.3 PMI

SAP Reference	Description	Priority
CSS1079536	Updated setup and run times in OM are not updated in schedule.	Medium
CSS220261	Open project plan performance issue.	Medium

## 3.3 Common Modules

### 3.3.1 CB

SAP Reference	Description	Priority
CSS715110	The <i>Callboard Maintenance</i> dialog box responds extremely slowly upon user or work location update.	Medium
ITS40969	Freeform call error when selecting from menu bar.	Low
ITS43365	Callboard locks up on freeform calls if group is changed when selecting sub-group.	High

### 3.3.2 FAI

SAP Reference	Description	Priority
CSS830450	FAI requirement on an order applies even if the order is not started.	Medium
CSS906744	Plan revision is not displayed in the First Article Requirement Record (FARR).	Medium
ITS35181	Disable the question <i>A First Article Inspection will need to be performed. Do you wish to proceed with starting order?</i> on order start.	High
ITS40113	Sort does not work properly.	Low
ITS40451	Error received when trying to retrieve a FARR on plan revision 2.	High
ITS42046	<i>Recommended Inspection Method</i> : When this contains standard text, different results are seen depending on whether a variable data field or a table is used.	Low
ITS42242	Update to correct issues revolving around creating FARR iterations.	Low
ITS42365	Error received when trying to copy FARR characteristics from another FARR.	High
ITS42477	Error when right-clicking on FAIR graphics section.	Low
ITS43211	After collecting the serial number and buyoff off the FAI, the serial number was not saved.	Medium
ITS43343	<i>Move FAI</i> dialog box is not usable.	High

### 3.3.3 TC&A

SAP Reference	Description	Priority
CSS216641	Mandatory data check failing.	Medium

### 3.3.4 TSM

SAP Reference	Description	Priority
CSS1083784	When selecting multiple rolls of material for issue, the TSM <i>Issue Material</i> /screen does not default to <i>Return Allowed</i> . When selecting a single roll, it does default to <i>Return Allowed</i> .	Medium
CSS1103922	TSM kit <i>Location</i> drop-down does not populate with all the locations for available kits.	Medium
CSS1128702	Multi-row database error when extending TSM.	Medium
CSS138043	User can change the <i>Return Allowed</i> check box, which should be disabled.	Medium
CSS140258	It is possible to modify fields on the <i>Return Material</i> /screen; after that returning does not function properly.	High
CSS140362	There is no vertical scroll bar on the <i>Return Material</i> /screen.	Medium
CSS222062	Printing the <i>TSM Layup Panel</i> : Clearing the <i>All Sections</i> check box and selecting <i>All Layups</i> returns a blank print out.	Medium
CSS2897762	Unnecessary " :PM" value is added to <i>Exp Date</i> field causing a database error.	Medium
CSS2902382	Material is cleared from the <i>Issue Material</i> /screen after selecting the <i>Work Center</i> option.	Medium
CSS3477269	Unable to receive multiple rolls.	Medium
CSS3545313	<i>Original Expiration Date</i> column is empty on the <i>Order Ply List</i> .	Medium
CSS435832	System is allowing orders to complete and setting ply table complete even though a kit has not been issued to the order.	High
CSS438456	The <i>Issue Time Sensitive Material / Ply Kit</i> screen is not displaying materials that have already been assigned to the order.	High
CSS4777625	Changes are not saved when modifying plies in CAPP.	Medium
CSS642706	TSM changes status after plies complete.	Medium
CSS725420	Sort on expiration date in TSM Storage Module is sorting alphanumerically, not by date.	High
CSS793504	The expire function is calculating expiration on inactive material.	Medium
ITS40812	TSM expired order ply does not prevent closing <i>Compact</i> or <i>Complete</i> operations.	High
ITS42439	Printing the <i>TSM Layup Panel</i> is not working properly.	Low

### 3.3.5 Shared

SAP Reference	Description	Priority
CSS1152340	Smart card interface does not work.	High
CSS146304	Interface failures: I-1083: Error message: <i>WebService call succeeded. Interpreters encountered an exit event during startup: No more menus can be allocated.</i>	High

SAP Reference	Description	Priority
CSS171549	Cannot create an order for a serialized/lot controlled part from XML.	High
CSS2705374	Cannot change mandatory colors.	Medium
CSS372515	Including LDAP package requires ASN, which is missing.	High
CSS3788409	Integration to Visual Enterprise Generator fails.	Medium
CSS3883966	Unable to install print/batch services.	Medium
CSS47425	Two or more message boxes are not shown correctly.	Medium
CSS588239	When creating a material master via the interface, the business rules need to be revised to send the material masters to the correct BOM header.	Medium
CSS700933	Standard text <i>Quantity Sensitive</i> check box defaults to selected, cannot save if the check box is cleared.	Medium
CSS71011	The field LAST_LOGIN_DATE in table HMS_USERS is not being filled in for all the ways a user can log into SAP Complex Assembly Manufacturing.	Medium
CSS79776	Email Notification does not work correctly.	Medium
CSS806129	Cannot delete a profile.	Medium
CSS841005	Disabling <i>Delete All Redline</i> for profiles is not working.	Medium
CSS92861	Cognos report execution results in <i>Wait</i> message and then application freezes.	Medium
ITS40781	SAP Complex Assembly Manufacturing to SAP ECC interfaces need to use new CAMS-INT/MII transactions.	High
ITS41599	In <i>Signoff Cycle Maintenance</i> , unable to copy signoff cycle to a different document type.	Low
ITS42620	<i>Break Link</i> option should not be available for standard plans.	Low
ITS42695	Making program inactive prevents editing.	Low
ITS42794	When searching for text using the <i>Find Oper Text</i> functionality, the <i>Go To Text</i> button does not select the correct text if the text is preceded by a standard text table in the operation.	High
ITS42789	Seeing debug messages in the console when debugging is not enabled.	Medium
ITS42973	The system is not saving profile permission setting in a consistent manner. Depending on the method selected, the system may not save the settings.	High
ITS42979	Language not working with default window language settings; FR locale is missing.	High
ITS43005	Recursive Source sources files into ::hmsTools:: namespace instead of the global namespace, which causes problems with message catalogs and other namespace sensitive code.	High
ITS43371	VE Interface Map produces errors.	Low
ITS44287	Unable to change the value of Node Code using the event proc PostStdTxtCopy.	Low
ITS44375	Error in proc ::hmsUtilities::EffectivityArrayEquals.	High

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### 3.3.6 Known Issues

The following table lists enhancements with known issues encountered during testing of this release as well as any workarounds available.

SAP Reference	Description	Workaround Available
ITS40960	Change alert comparison	
ITS44028	Kit enhancements	
ITS42737	3D import success indicator	





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