# RAMCO AVIATION SOLUTION

## ENHANCEMENT NOTIFICATION

## Version 5.8.2

**Maintenance**

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# What's New in the Work Reporting Hub?

## Ability to Default the last worked Exe. Doc. # in Work Reporting Hub and Parts Hub

*Reference: AHBG-11852*

### Background

Aircraft Mechanics work on a package for a considerable time before it is finally completed. During this duration, they may have to navigate to other screens in the application or may perhaps visit/revisit the AME Hub screens many times in a day or for in several days. Repeated search/entry of the execution document can be avoided, if the execution document that the user was last working on the previous visit to the screen is defaulted in the pertinent field.

### Change Details

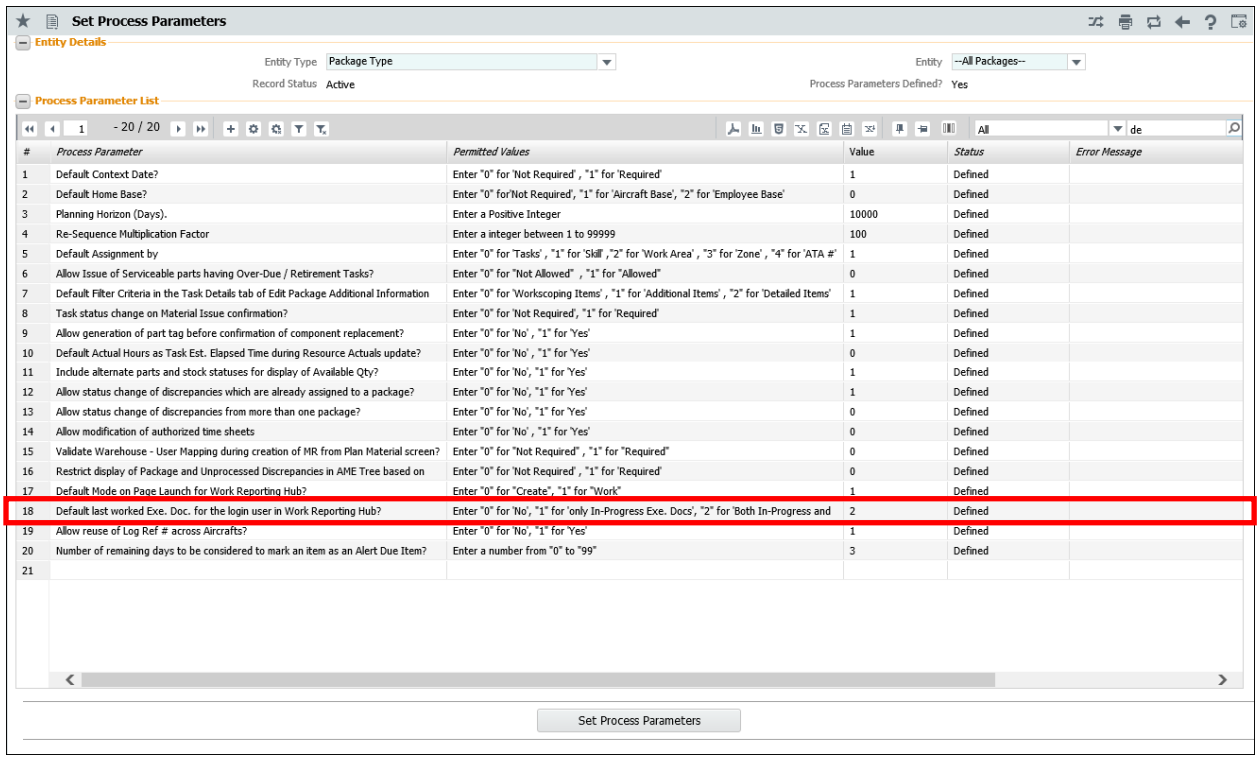
On the launch of the **Work Reporting Hub** screen, the **Aircraft Maint. Exe. #** field will display the AME Ref. # that the login user had last worked on, during the last visit to the AME Hub screens (Work Reporting Hub/ Parts Hub).

Similarly, on the launch of **Parts Hub,** the **Exe. Doc. #** field under **Search** section will now display the execution document # that the login user had last worked on, during his/her visit to either of the AME Hub screens.

However, a new process parameter "**Default last worked Exe. Doc. for the login user in Work Reporting Hub?"** added under the entity type 'Package Type' and entity '--All Packages—" in the **Define Process Entities** activity of **Common Master**, governs the default display of the execution document # in both these screens. The next table illustrates the new provision.

| Process Parameter value | Impact in Work Reporting Hub / Parts Hub |
|---|---|
| 0 | The AME Ref. # field remains blank on launch of the screen. |
| 1 | The AME Ref. # that the login user had last worked on during his previous visit to the screen is displayed in the **Aircraft Maint. Exe. #/Exe.Doc. #** field, if the current status of the document is "In-Progress". |
| 2 | The AME Ref. # that the login user had last worked on during his previous visit to the screen is displayed in the **Aircraft Maint. Exe. #/Exe.Doc. #** field, if the current status of the document is either "In-Progress" or "Completed". |

Exhibit 1: The **Set Process Parameters** screen (under the **Define Process Entities** activity in Common Master component)




| # | Process Parameter | Permitted Values | Value | Status | Error Message |
|---|---|---|---|---|---|
| 1 | Default Context Date? | Enter "0" for 'Not Required' , "1" for 'Required' | 1 | Defined | |
| 2 | Default Home Base? | Enter "0" for'Not Required', "1" for 'Aircraft Base', "2" for 'Employee Base' | 0 | Defined | |
| 3 | Planning Horizon (Days). | Enter a Positive Integer | 10000 | Defined | |
| 4 | Re-Sequence Multiplication Factor | Enter a integer between 1 to 99999 | 100 | Defined | |
| 5 | Default Assignment by | Enter "0" for 'Tasks' , "1" for 'Skill' ,"2" for 'Work Area' , "3" for 'Zone' , "4" for 'ATA #' | 1 | Defined | |
| 6 | Allow Issue of Serviceable parts having Over-Due / Retirement Tasks? | Enter "0" for "Not Allowed" , "1" for "Allowed" | 0 | Defined | |
| 7 | Default Filter Criteria in the Task Details tab of Edit Package Additional Information | Enter "0" for 'Workscoping Items' , "1" for 'Additional Items' , "2" for 'Detailed Items' | 1 | Defined | |
| 8 | Task status change on Material Issue confirmation? | Enter "0" for 'Not Required', "1" for 'Required' | 1 | Defined | |
| 9 | Allow generation of part tag before confirmation of component replacement? | Enter "0" for 'No' , "1" for 'Yes' | 1 | Defined | |
| 10 | Default Actual Hours as Task Est. Elapsed Time during Resource Actuals update? | Enter "0" for 'No' , "1" for 'Yes' | 0 | Defined | |
| 11 | Include alternate parts and stock statuses for display of Available Qty? | Enter "0" for 'No', "1" for 'Yes' | 1 | Defined | |
| 12 | Allow status change of discrepancies which are already assigned to a package? | Enter "0" for 'No', "1" for 'Yes' | 1 | Defined | |
| 13 | Allow status change of discrepancies from more than one package? | Enter "0" for 'No', "1" for 'Yes' | 0 | Defined | |
| 14 | Allow modification of authorized time sheets | Enter "0" for 'No' , "1" for 'Yes' | 0 | Defined | |
| 15 | Validate Warehouse - User Mapping during creation of MR from Plan Material screen? | Enter "0" for "Not Required" , "1" for "Required" | 0 | Defined | |
| 16 | Restrict display of Package and Unprocessed Discrepancies in AME Tree based on | Enter "0" for 'Not Required' , "1" for 'Required' | 0 | Defined | |
| 17 | Default Mode on Page Launch for Work Reporting Hub? | Enter "0" for "Create", "1" for "Work" | 1 | Defined | |
| 18 | Default last worked Exe. Doc. for the login user in Work Reporting Hub? | Enter "0" for 'No', "1" for 'only In-Progress Exe. Docs', "2" for 'Both In-Progress and | 2 | Defined | |
| 19 | Allow reuse of Log Ref # across Aircrafts? | Enter "0" for 'No', "1" for 'Yes' | 1 | Defined | |
| 20 | Number of remaining days to be considered to mark an item as an Alert Due Item? | Enter a number from "0" to "99" | 3 | Defined | |
| 21 | | | | | |

Exhibit 2: The **Work Reporting Hub** screen

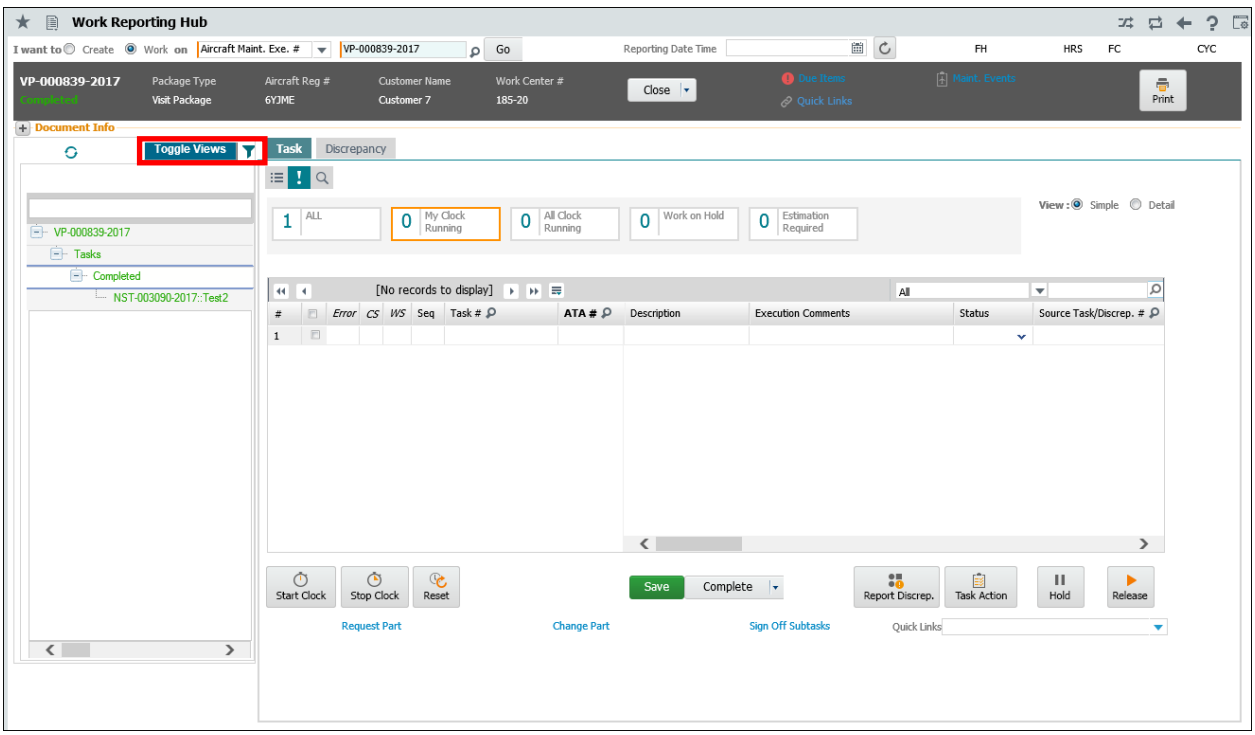
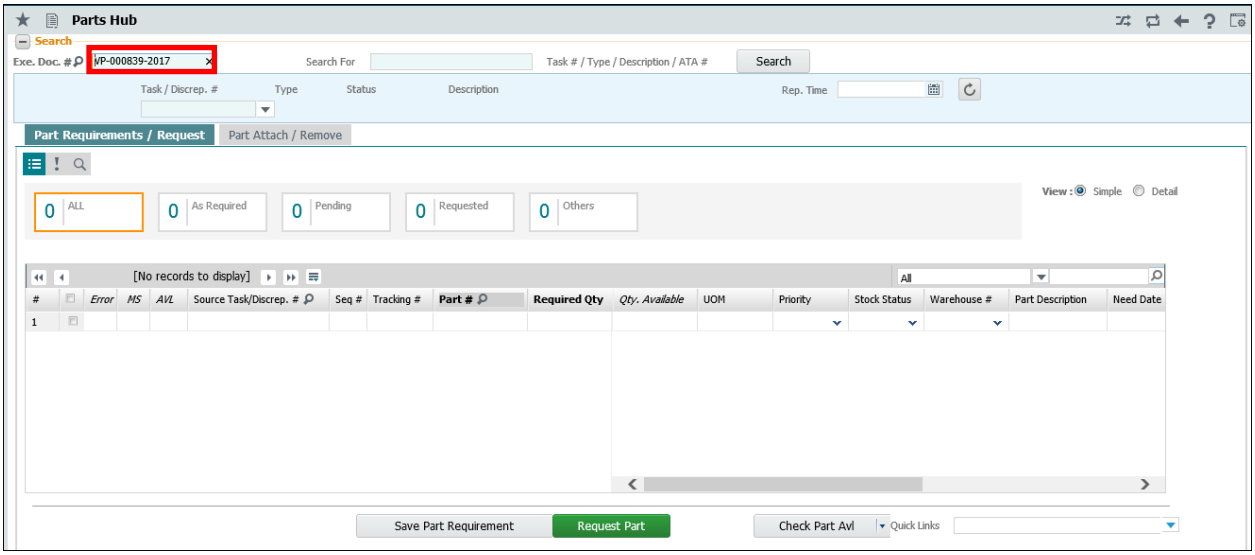


Exhibit 2: The **Parts Hub** screen



# Addition of 'My Clock Running' feature under 'Exceptions' filter

*Reference: AHBG-13443*

## Background

When a user wants to view his tasks/discrepancies having running clocks, he clicks on the 'Clock Running' feature under the 'Exceptions' filter and manually scans through the records in order to find his tasks/discrepancies.

This enhancement enables the user to view only his tasks/discrepancies having running clocks, while retaining the existing capability. Additionally, a process parameter has been provided in order to view the tasks/discrepancies with running clocks on entering the package in the **Work Reporting Hub** screen.

## Change Details

A new feature 'My Clock Running' has been added under 'Exceptions' filter and the existing 'Clock Running' feature is renamed to 'All Clock Running'. The existing 'Material not available' feature is hidden now.

- On click of 'My Clock Running', all tasks/discrepancies for which clocks are running for the login user are alone displayed in the multiline.
- On click of 'All Clock Running', all tasks/discrepancies for which clocks are running for all the login users working on the package are displayed in the multiline.

A new process parameter 'Show only Clocked-on items by default on launch of Work Reporting Hub?' is added, in the Define Process Entities page under the entity type 'Package Type' and entity for all User defined packages other than 'All Packages'. This option can be set as '0', '1', or '2' and helps the user in viewing his tasks/discrepancies having running clocks straightaway, on entering the package after screen launch.

- If the set option is '0', on entering the package in the **Work Reporting Hub** after screen launch, the system defaults the 'All' tile under 'Status' filter and load its contents in the multiline
- If the set option is '1', on entering the package in the **Work Reporting Hub** after screen launch, the system defaults the 'My Clock Running' tile under 'Exceptions' filter and load its contents in the multiline
- If the set option is '1', on entering the package in the **Work Reporting Hub** after screen launch, the system defaults the 'My Clock Running' tile under 'Exceptions' filter and load its contents in the multiline

Exhibit 1:

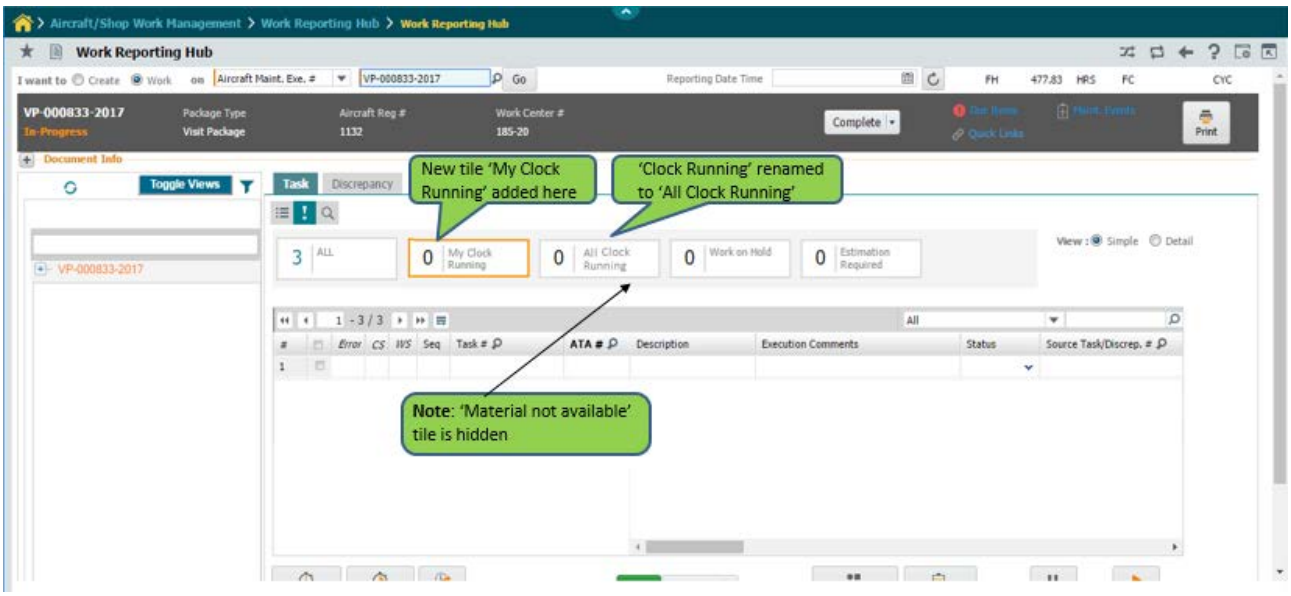



Exhibit 2:

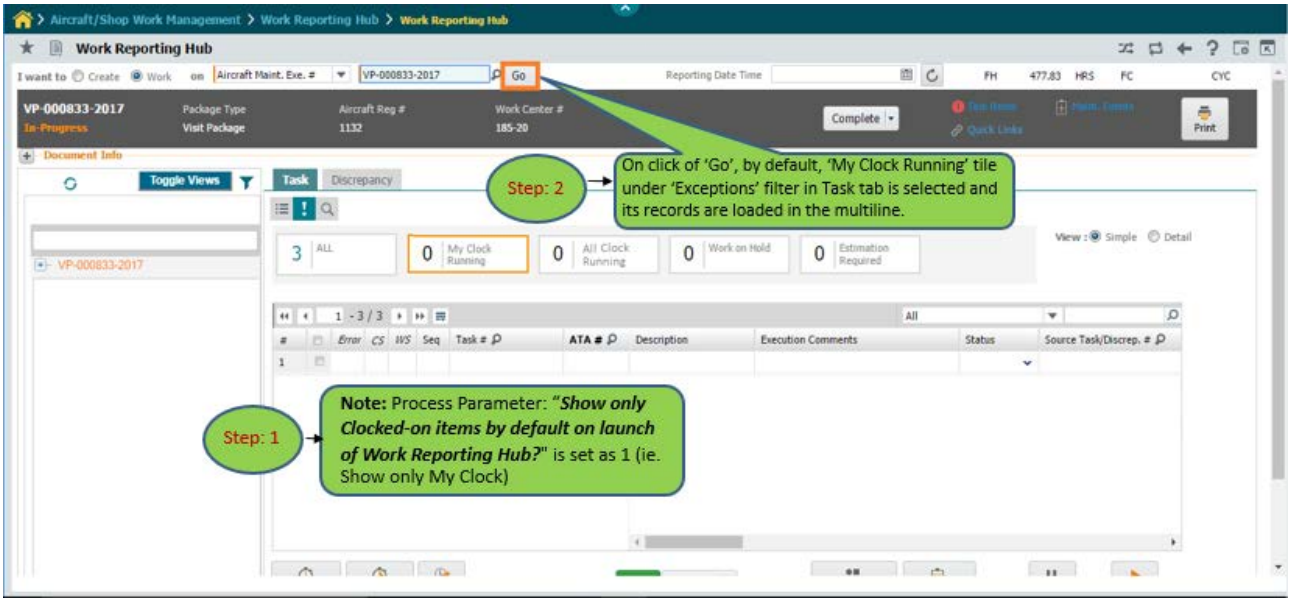
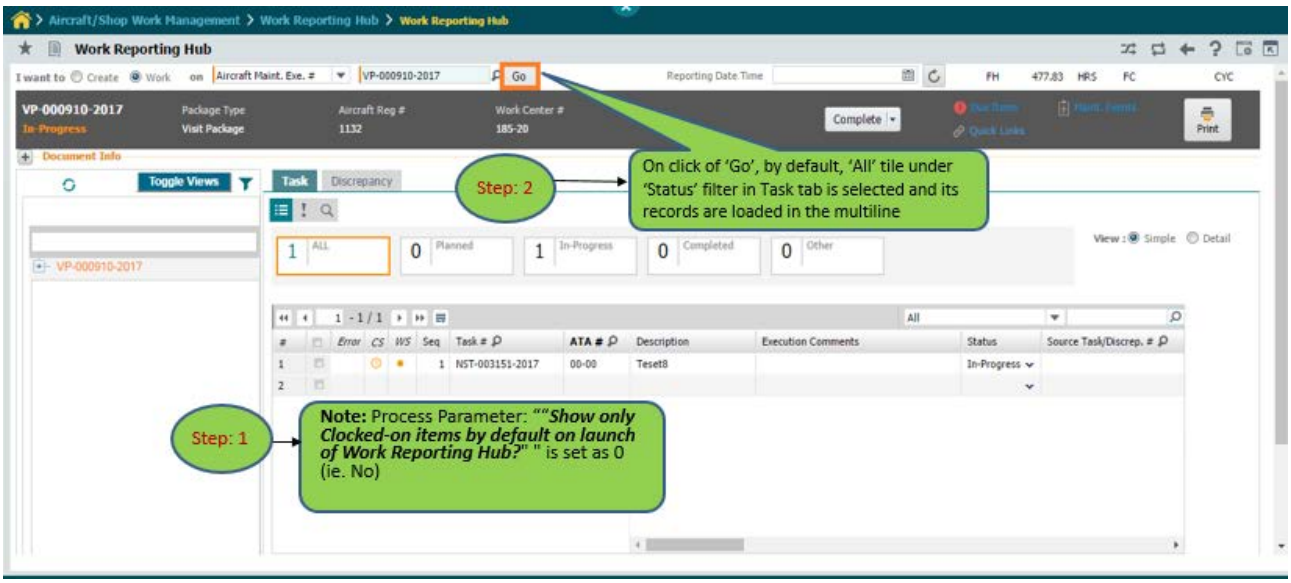


Exhibit 3:


Aircraft/Shop Work Management > Work Reporting Hub > Work Reporting Hub
Work Reporting Hub
Go
VP-000910-2017
Package Type
Visit Package
Aircraft Reg #
1132
Work Center #
185-20
Complete
Print
Toggle Views
Task
Discrepancy
Step: 2
On click of 'Go', by default, 'All' tile under 'Status' filter in Task tab is selected and its records are loaded in the multiline
Step: 1
Note: Process Parameter: ""Show only Clocked-on items by default on launch of Work Reporting Hub?" " is set as 0 (ie. No)

# Ability to Auto-Stop the Clock during Completion/Closure of Task/Discrepancy

*Reference: AHBG-11801*

## Background

When a user tries to complete a task for which the clock is running, the system validates and asks the user to first stop the clock before completing the task. This is a valid check as it will prevent the current user from completing the task, if another user is still working on it. However, this validation happens only if the current user has clocked on the task and trying to complete.

As part of this enhancement, if the user tries to complete a task for which the clock is already running, and the clock is for the login user only, the system will automatically stop the clock and complete the task in one-go instead of the validation.

## Change Details

Two new process parameters are added in the **Define Process Entities** page as part of this change. 'Automatically stop login user's running clock during Completion/Closure/Pre-Closure of Task?' and 'Automatically stop login user's running clock during Closure/Deferral/Transfer of Discrepancy?' are available in the **Define Process Entities** page under the entity type 'Package Type' for and the entity All User defined Packages. This option can be set as 'Yes' or 'No'.

If the process parameter "Automatically stop login user's running clock during Completion/Closure/Pre-Closure of Task?" under the entity type 'Package Type' and entity 'Log card' and all other user defined Package Types except '--All Packages---" is Yes in the **Define Process Parameters** activity of **Common Master**, the system automatically stops the clock started by the login user on completion, closure or pre-closure of the task under the following conditions.

- The Clock has been started by the login user
  and
- No other clock is running by any another user

**Example 1:**

1. User starts the Clock for a task
2. Tries to complete the task
3. Clock will get stopped automatically and the task goes to 'Completed' status

Example 2:

1. Two Users start Clock on a Task.
2. The first user comes back and tries to complete the Task.
3. The system prompts the user to end the clock to prior to the Completion / Closure of Task

Similar to the above, if the process parameter "Automatically stop login user's running clock during Closure/Deferral/Transfer of Discrepancy?" under the entity type 'Package Type' and entity 'Log card' and the entity all other user defined Package Types except '--All Packages---" is 'Yes'' in the **Define Process Parameters** activity of **Common Master**, the system automatically stops the clock started by the login user on closure, deferral or transfer of the discrepancy under the following conditions.

- The Clock has been started by the login user,

and

- No other clock is running by any another user.

# Sign Off details Default in Task and Discrepancy popup windows

*Reference: AHBG-11503*

## Background

When a user wants to sign off a task/discrepancy, the user is required to manually enter the employee code and then sign off, which involves data entry effort. It would be convenient and quicker for users, if the Mechanic or the Inspector or both these fields are populated automatically on selection of task, discrepancy or corrective action by users.

## Change Details

A new process parameter 'Default Sign Off Details in the Task/Discrepancy Action popup in the Work Reporting Hub?' is added, in the Define Process Entities page under the entity type 'Package Type' for entity 'All User defined' packages to conditionally default the employee code of the login user in the Mechanic or the Inspector or both these fields as illustrated below.

| Process Parameter value | Impact in the Task Actions popup |
|---|---|
| 1/Yes | The system defaults the employee code of the login User in either the Mechanic or the Inspector controls (or both) on launch of the popup in the following way:<br>• The Sign Off requirement of the discrepancy is Pending Mechanic/Inspector/Both.<br>**Example**: The Sign Off Requirement of a Task is 'Pending Mechanic'. The Login User opens the Task Action pop up. The employee code of the user will be defaulted in Mechanic control in the pop up.<br>• The Resource Group of the login user is applicable for task sign off<br>**Example:** The Sign Off Requirement of a Task is 'Pending Inspector'. The Login User belongs to Mechanic Resource group. The user opens the Task Action pop up. The employee code will not be defaulted in Inspector control in the pop up.<br>• The login user has necessary skill for task sign off<br>**Example:** The Sign Off Requirement of a Task is 'Pending Mech&Insp'. The Resource Group of the Login User is both Mechanic and Inspector with Skill Code '01' for 'Mechanic' and '02' for 'Inspector'. The Skill required to sign off the Task as Mechanic is '01' and as Inspector is '03'. The user opens the Task Action pop up. The employee code will be defaulted only in Mechanic control in the pop up. |

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Exhibit 1: Work Reporting Hub

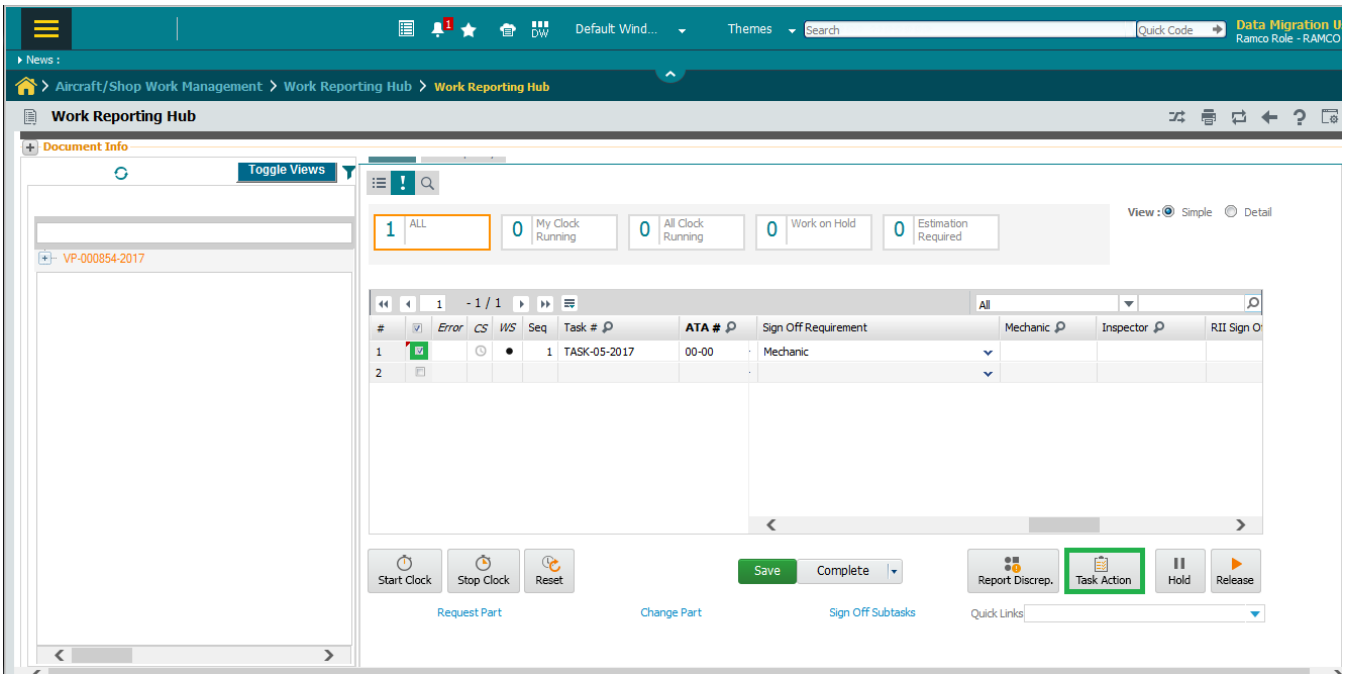
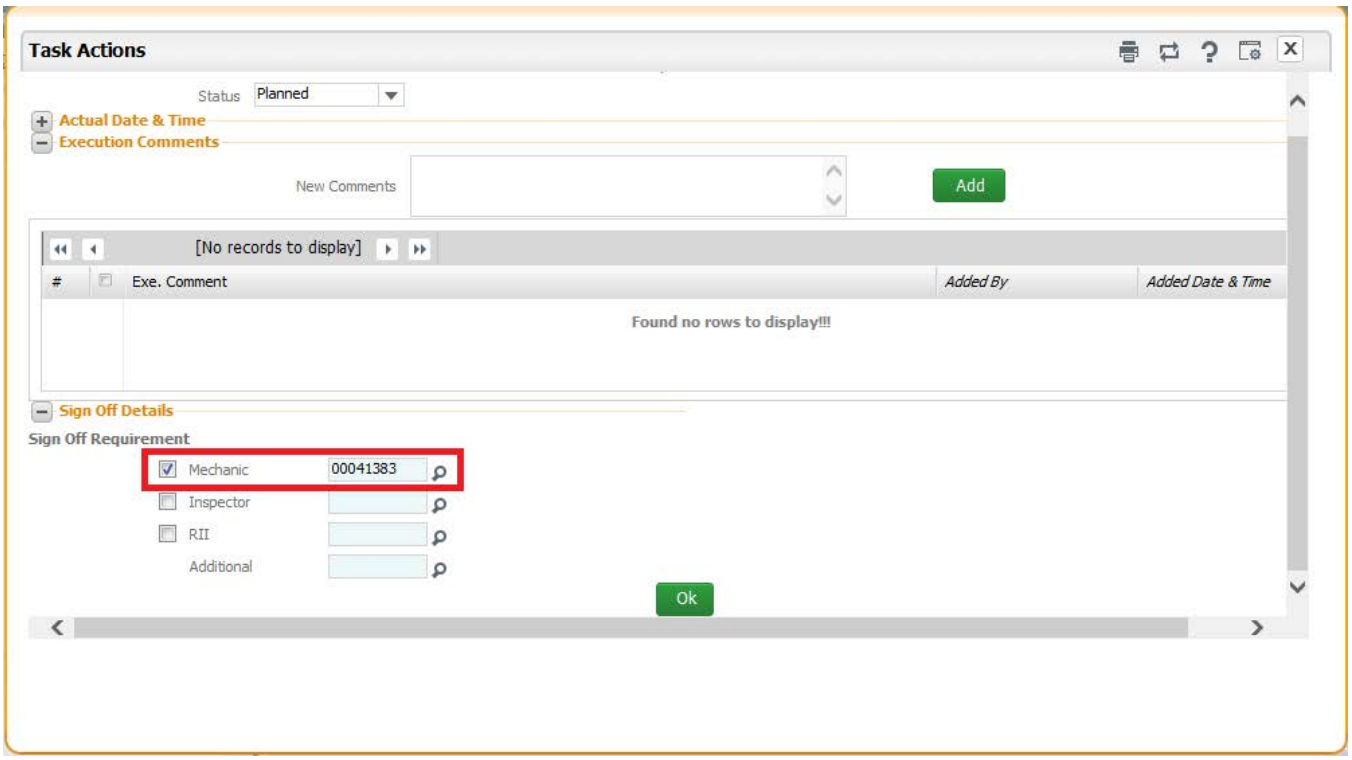



Exhibit 2: The **Task Actions** popup



| Process Parameter value | Impact in the Discrepancy Actions popup on launch (or when the user clicks the corrective action from left pane in the Discrepancy Action pop up) |
|---|---|
| 1/Yes | The system defaults the employee code of the login User in either the Mechanic or the Inspector controls (or both) on launch of the popup under the below conditions:<br>• Sign Off requirement of the discrepancy is Pending Mechanic/Inspector/Both.<br>• Resource Group of the login user is applicable for signing off the discrepancy. |

Exhibit 4: Work Reporting Hub

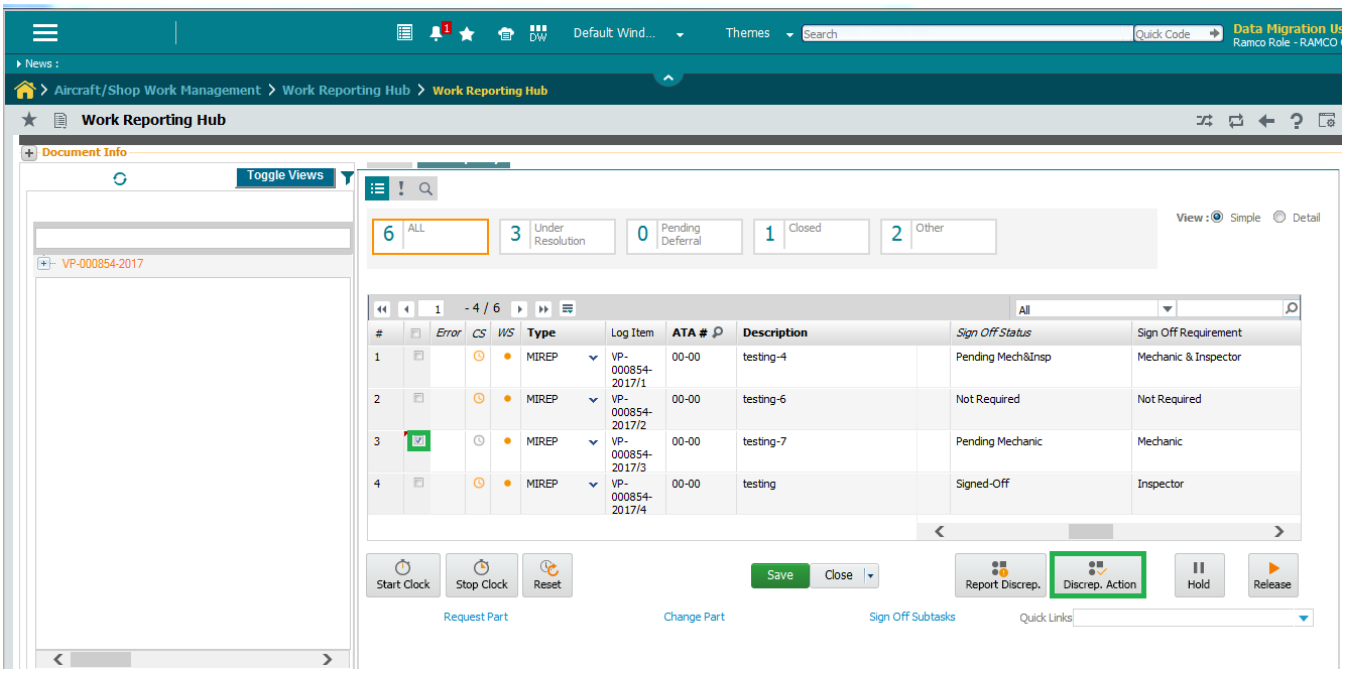


Exhibit 5: The Discrepancy Actions popup

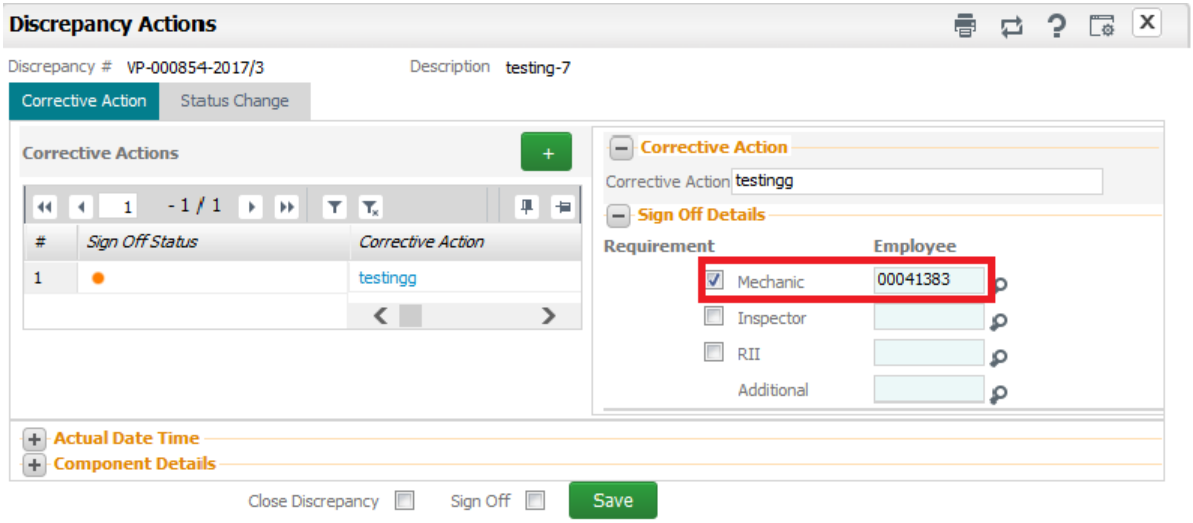
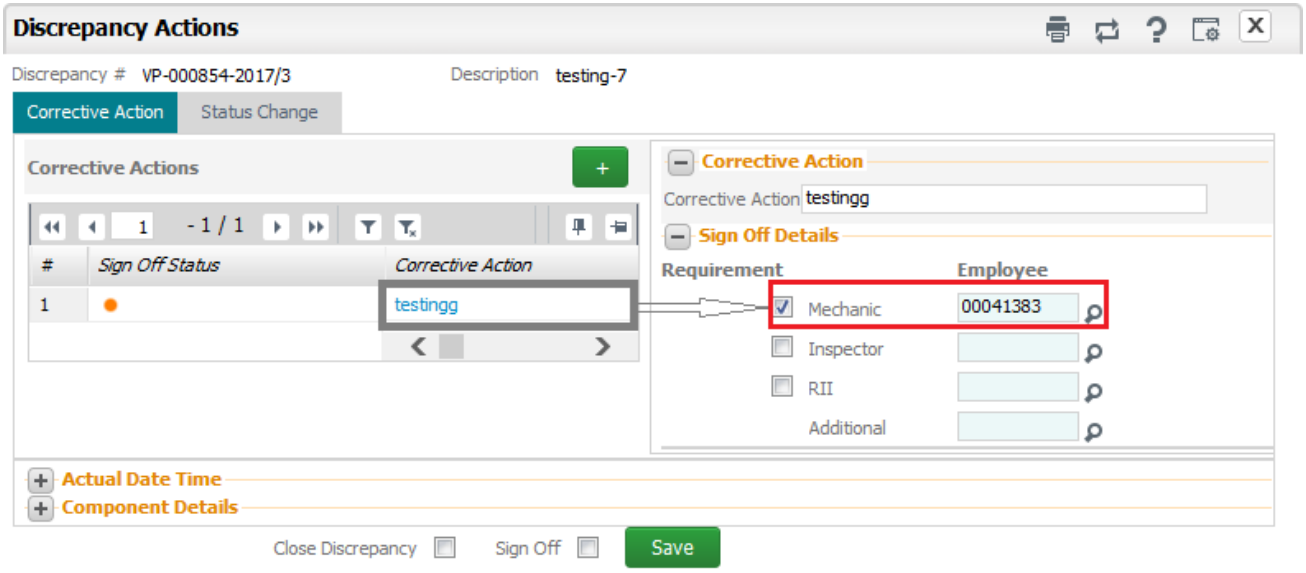



Exhibit 6: On click of corrective action from left pane of Discrepancy Actions pop up:



# What's New in Component Maintenance and AME?

## Ability to display Internal & Mfr. Lot # in Transactions & Reports

*Reference: AHBG – 13221 and AHBG-13485*

### Background

Whenever a Lot-Controlled part with the same Mfr. # is issued from different warehouses, the users receive the part with a newly-generated internal Lot #. Similarly, during the return of the Lot-Controlled parts from the **Record Part Consumption & Return** screen in the **Shop Work Order** business component, the system generates new internal Lot # for the part. As a result, a Lot-Controlled part may hold different Lot # during a transaction making users difficult to track the part during maintenance. This makes tracking of parts difficult for users since **Mfr. Lot #** is not available for the issued lot-controlled parts at the time of return. However, **Mfr. Lot #** of a part remains the same throughout a transaction. Considering this, it would prove user-friendly, if **Mfr. Lot #** for the part was displayed during the maintenance returns for better tracking of the Lot-Controlled parts.

### Change Details

Henceforth, the newly added **Mfr. Lot #** field in the following screens will help the users to track the lot-controlled parts during return of parts throughout a component maintenance transaction.

| Component | Screen | Tab | Field |
|---|---|---|---|
| SWO | Record Part Consumption & Return | Return Main Core | Mfr. Lot # |
| | | Return Unconsumed Parts | Issued Mfr. Lot # |
| | Review Work Execution | Not Applicable | Mfr. Lot # |
| | Review Part Readiness Log | Not Applicable | Mfr. Lot # |
| Component Maintenance Planning | Route Unserviceable Component / Parts | Not Applicable | Mfr. Lot # |

Exhibit 1: The **Return Main Core** tab of the **Record Part Consumption & Return** screen in **Shop Work order**

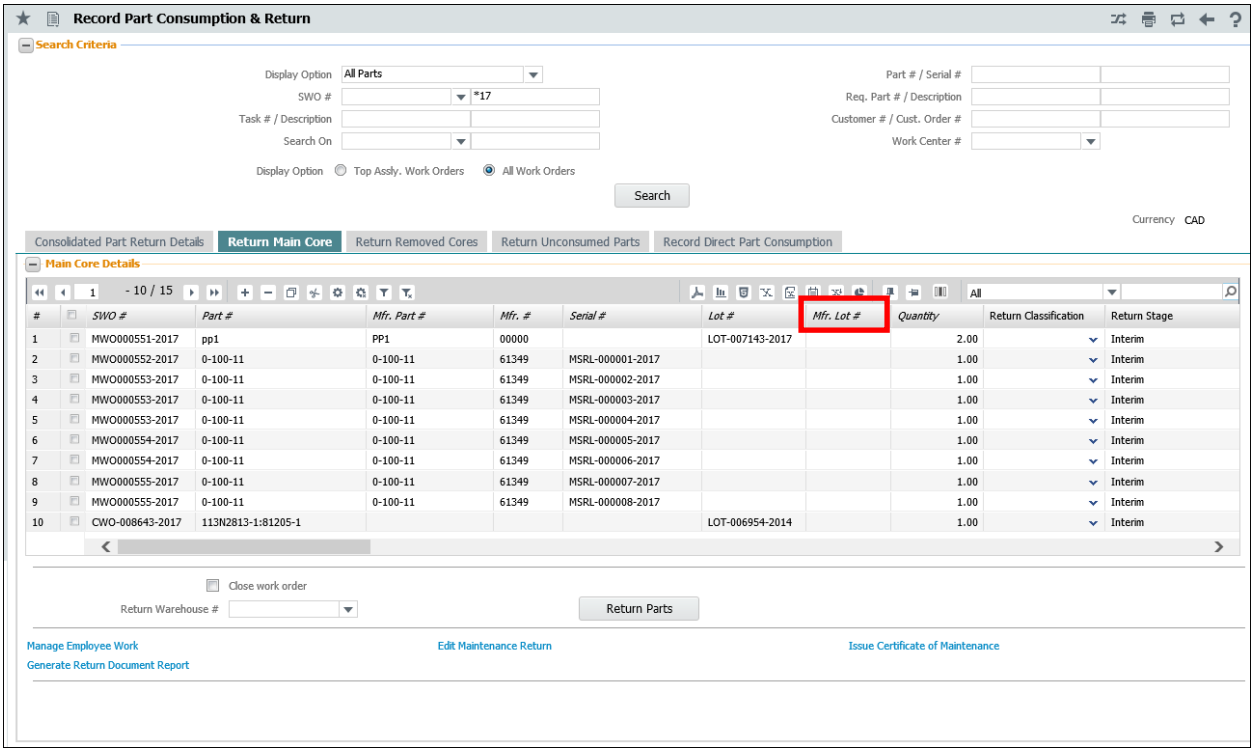



Exhibit 2: The **Review Work Execution** screen in **Shop Work order**

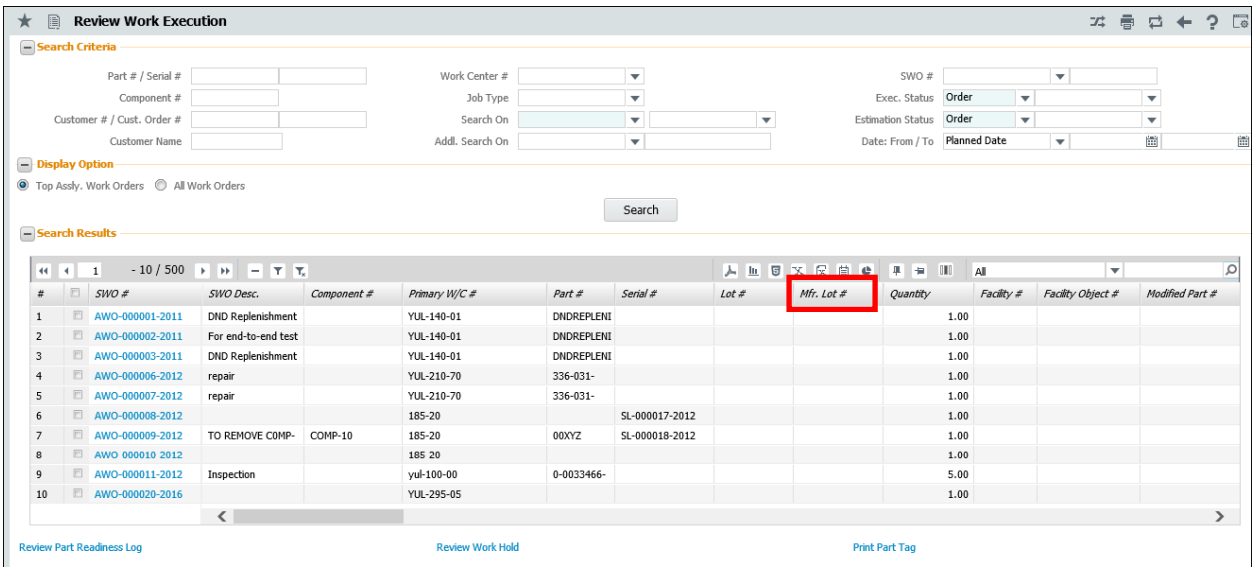


Exhibit 3: The **Review Part Readiness Log** screen in **Shop Work order**

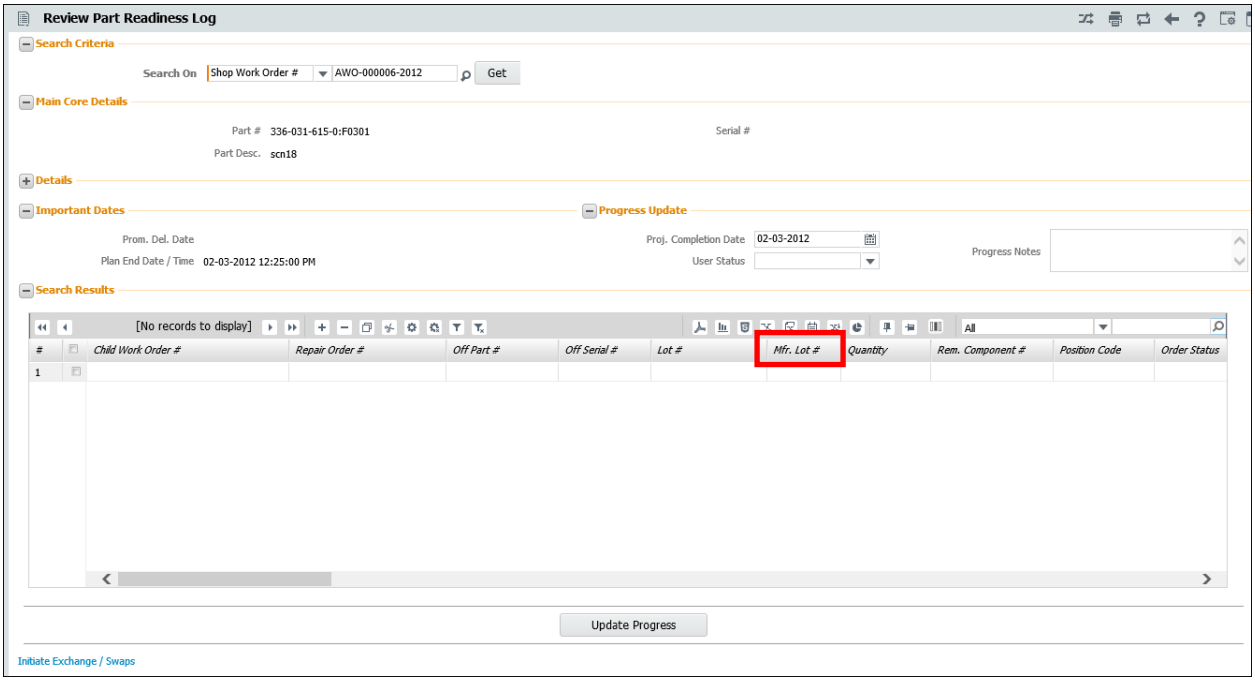
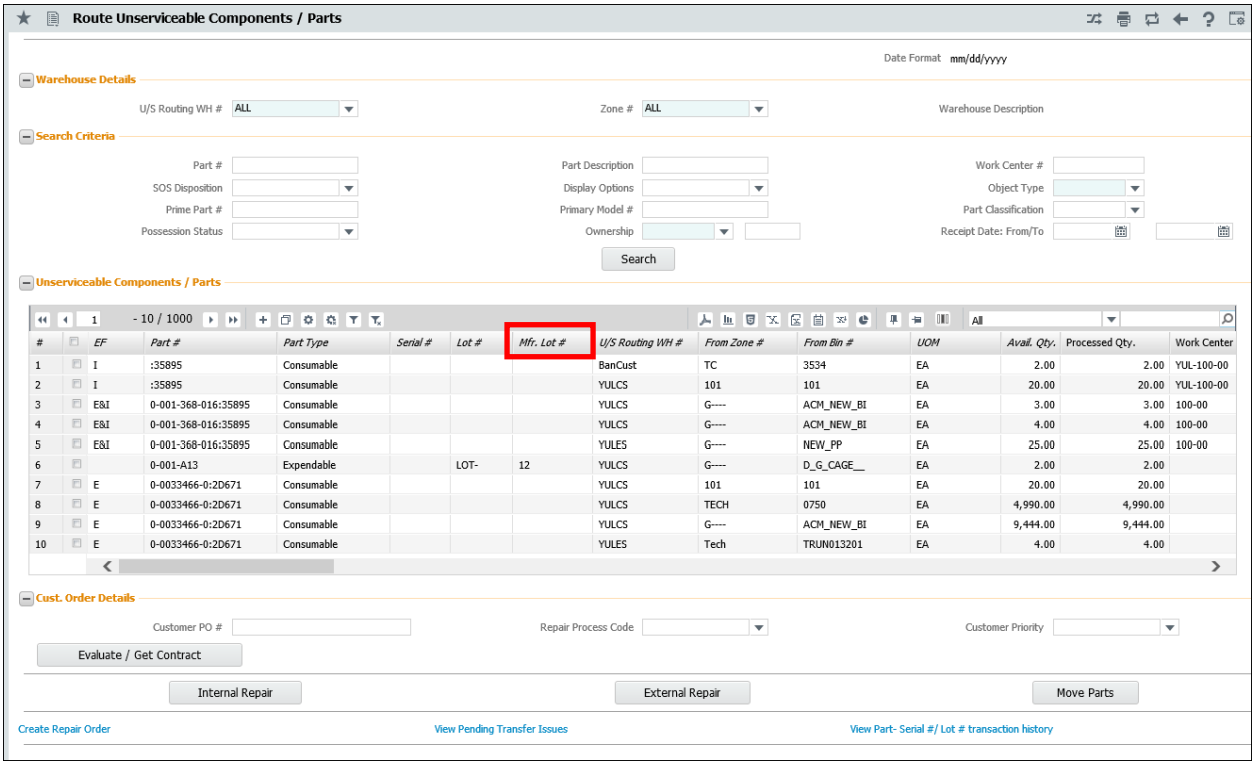


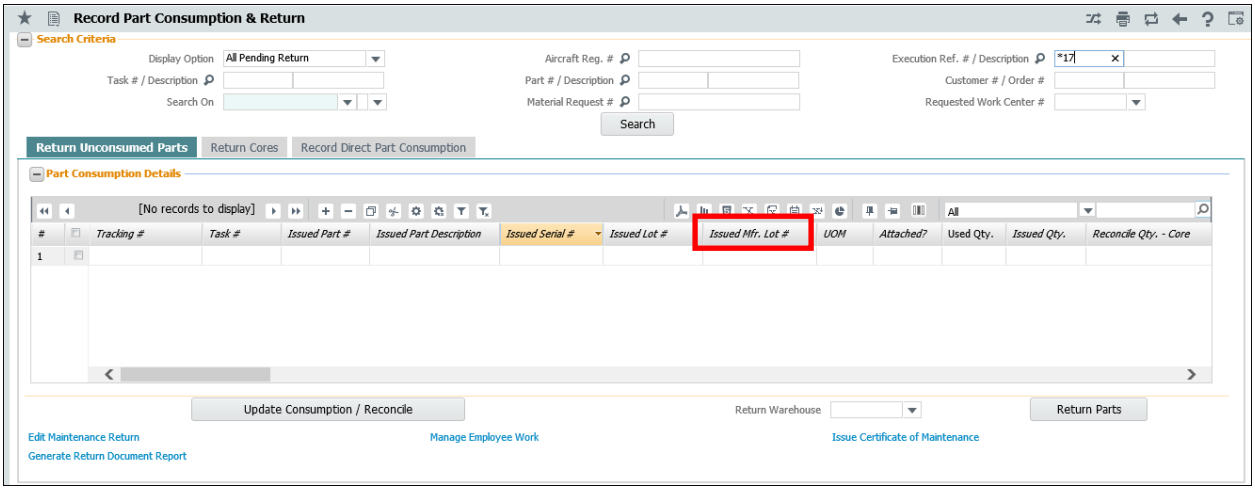

Exhibit 4: The **Route Unserviceable Component / Parts** screen in **Component Maintenance Planning**



An identical enhancement has also been undertaken in the **Record Part Consumption and Return** screen of the **Aircraft Maintenance Execution** business component to display **Mr. Lot #** for the returned part. The next table has the details.

| Component | Screen | Tab | Field |
|---|---|---|---|
| AME | Record Part Consumption & Return | Return Unconsumed Parts | Issued Mfr. Lot # |
| | | Return Cores | Issued Mfr. Lot # |
| | | Record Direct Part Consumption | Mfr. Lot # |

**Exhibit 5**: The **Return Unconsumed Parts** tab of the **Record Part Consumption & Return** screen in **AME**



# What's New in the Object Attachments?

## Ability to delete attached documents from Object Attachments business component

*Reference: AHBG-12473*

### Background

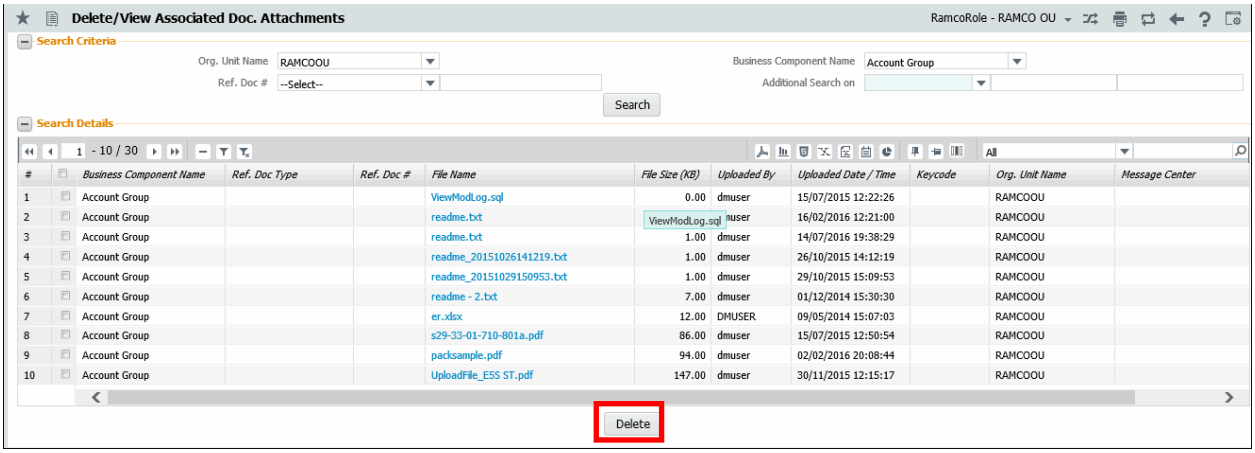
Users can attach artefacts/files to documents including stock movements, maintenance objects, execution documents, drawings, process plans, product structures or any valid entity for future reference. These attached objects can also be viewed at any point of time in future. The files that the users attach to the documents/entities are uploaded to the central repository of the system. However, these objects could not be deleted from the central repository by the users in case of redundancy.

### Change Details

To address this requirement, the **View Associated Doc. Attachments** screen of the **Object Attachments** business component has been renamed as **Delete/View Associated Doc. Attachments** and a new pushbutton **Delete** has been added to enable users to delete files/objects from the central repository of the system. However, the **Delete** pushbutton is available to only those login users who have access rights to the **Delete/View Associate Doc. Attachments** activity.

On deletion, not only do the objects/files cease to exist in the central repository, the entities to which they were attached earlier no longer have attachments.

Exhibit 1: The View Associated Doc. Attachments screen in Object Attachments



# What's new in Common Master?

## Ability to associate Tax Region to Station in the Station master

*AHBG-12778*

### Background

With the GST regime being implemented in India, the tax regions (state codes) will determine the percentage and nature of tax charged on the traded goods and services. In Ramco Aviation Maintenance function, work centers are associated to stations and maintenance services are carried in these work centers. To facilitate GST charges on maintenance services based on the tax regions as per regulations, every station depending on the geographic location must be associated to a tax region.

### Change Details

A new input field **Tax Region** has been introduced to specify a tax region for stations in the Common Master component to facilitate application of GST in the generation of invoice/bill for maintenance parts and services.

The Tax Region input field will be a drop-down list box in the **Create Station** and **Edit Station** activities of Common Master. The drop-down list box will display the values defined for the Active quick codes under the entity 'Tax Region' in the Create Quick Codes activity of the Quick Codes component of Finance Setup.

In the **View Station and Gate Information** page, the **Tax Region** field displays the tax region specified for the station.

.

Exhibit 1: The **Create Station** screen in Common Master

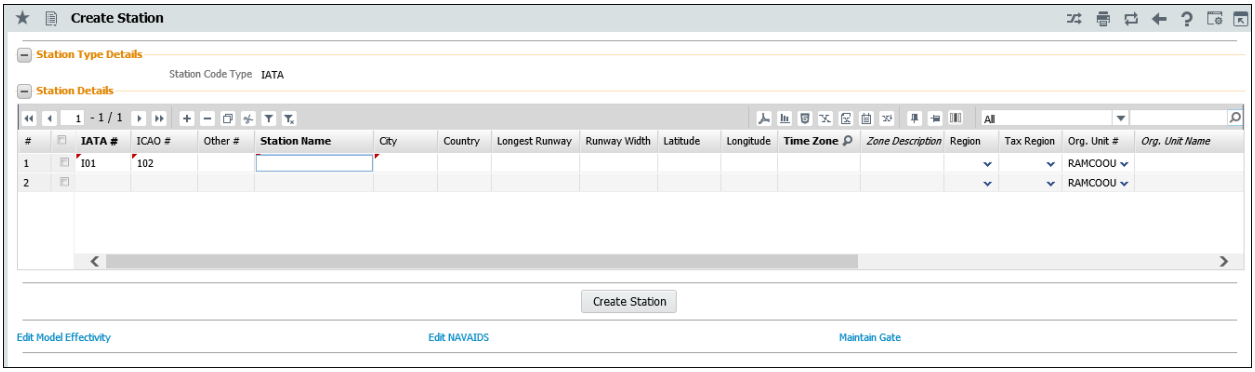



Exhibit 2: The **Edit Station** screen in Common Master

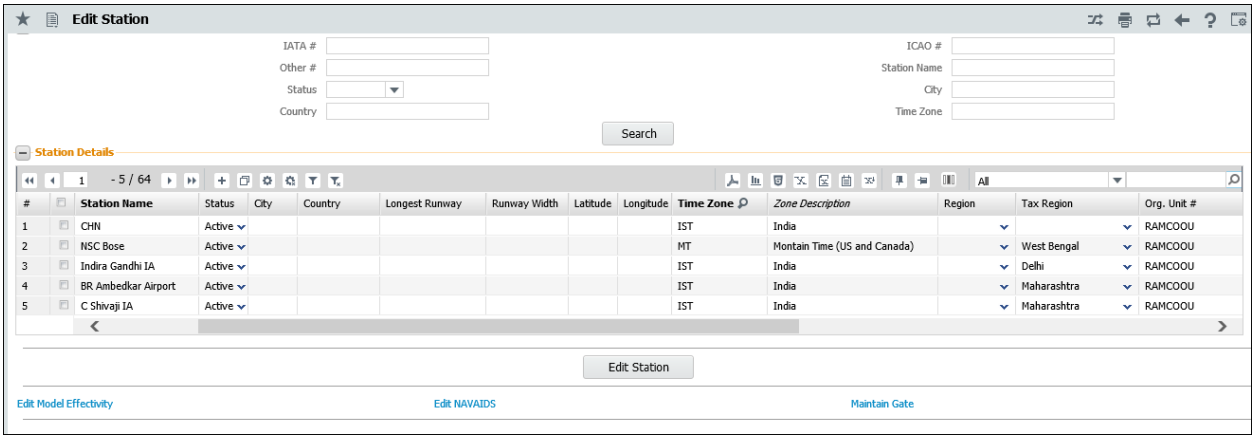
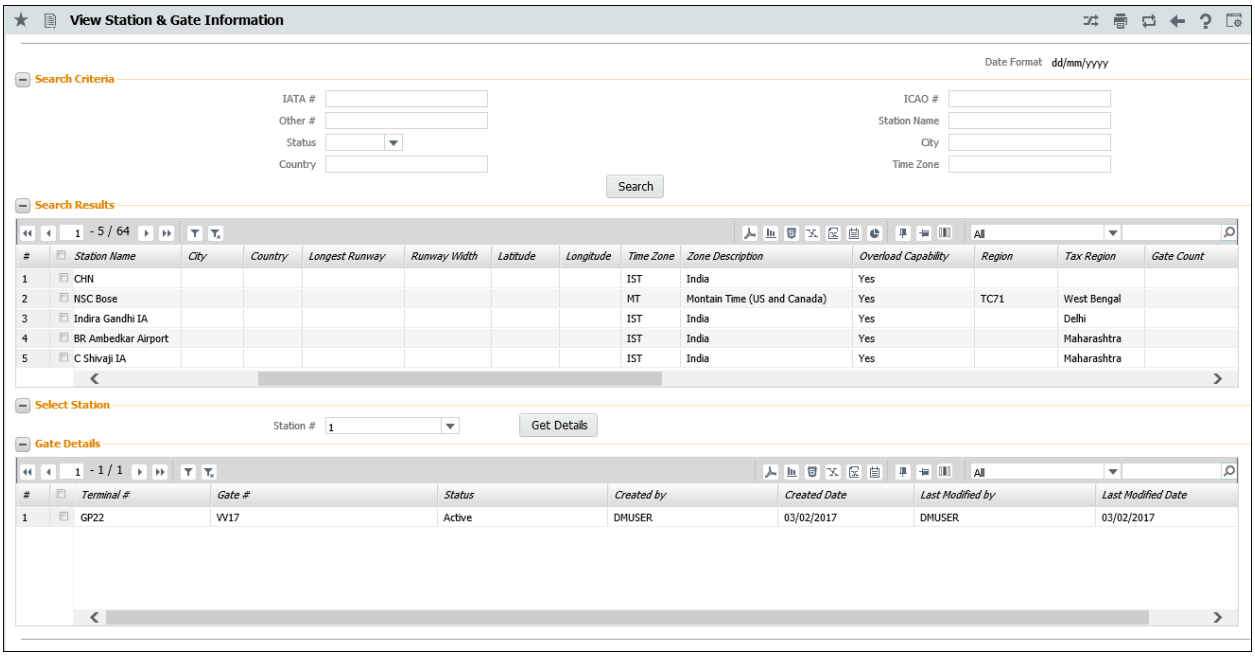


Exhibit 3: The View Station and Gate Information screen in Common Master



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