RAMCO AVIATION SOLUTION

ENHANCEMENT NOTIFICATION

Version 5.8.4

Materials

contents

WHAT'S NEW IN STOCK MANAGEMENT?

Inventory Operations Hub

Reference: AHBG-10653

Background

Aircrafts are strategically positioned in several Field Bases to provide better and cost effective services to end customers who are around the base. Though major maintenance of the Aircraft happens in Main Base, Field Base is responsible for day to day maintenance of the aircraft to keep it airworthy. Unlike Main Base, Field Bases have very few staffs. In most cases, it will be one person who will be managing it.

The responsibility of a Field Base Personnel does not limit to Aircraft maintenance, but, extends to managing the warehouse as well (i.e.) Request, Issue, Receive, Ship parts etc. It is evident that a Field Base Personnel needs to do several activities on a day to day basis and have them recorded in the organization's ERP system. Though, physically all the required activities are done, recording the same in the ERP system becomes cumbersome, because, it is required to visit different processes, activities and screens for entering the data. Mechanic frequently gets lost while working in the system because of complex navigation, lack of clarity on the next step etc.

Business need is to provide a dashboard to manage Inventory Operations, which would enlist the activities pending for action, in the Inventory stand point, (i.e.) Requests, Issues, Receipts, etc. that needs to be processed and in the Maintenance Stand point, (i.e.) Alerts on parts that are due for Maintenance, Shelf Life Expiry and Tool Calibration.

Change Details

The Inventory Operations Hub has been developed to address the above need by providing a wide variety of the Inventory Transactions like Material Requests, Issues, Returns, Receipts and Transfers into a single, dashboard view based on identified roles.

MANAGE SCREEN DEFAULTS & PREFERENCES

A new screen **Manage Screen Defaults & Preferences** has been developed to identify the parameters which govern the data displayed in the **Inventory Operations** Hub.

This screen facilitates the user to set the Preference for a given User – Role – User Interface combination. This screen has two sections:

i. Preference For

This section has the following controls, for whose combination the Parameters listed in Defaults & User Preference section is defined.

- Set Preference For
- Role
- User Interface
- User Name

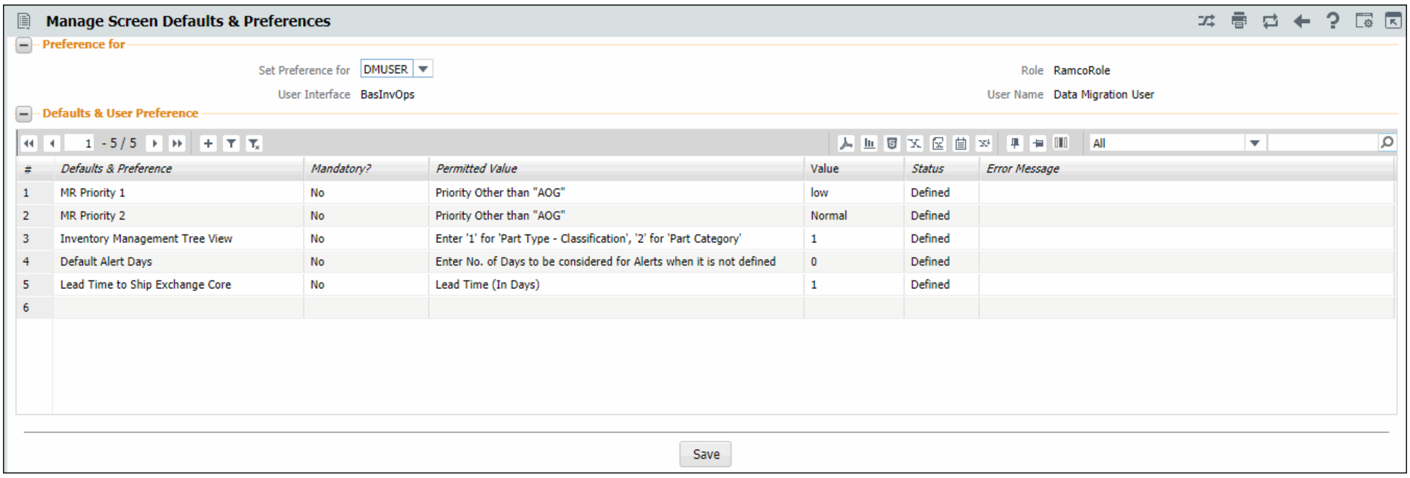
ii. Defaults & User Preference

This section has the following list of parameters identified by the system:

- MR Priority 1 (Request Priority other than AOG, that needs to be prioritized)

- MR Priority 2 (Request Priority other than AOG, that needs to be prioritized)
- Default Alert Days (In case the Alert days is not defined, this parameter helps in identifying the Alert Period for the Part)
- Lead Time to Ship Exchange Core (Lead time for the shipping of the Core Part against an “Exchange” or “PBH Exchange” Purchase Order)

Exhibit 1: Identifies the **Manage Screen Defaults & Preferences** screen


Manage Screen Defaults & Preferences

Preference for

Set Preference for DMUSER Role RamcoRole

User Interface BasInvOps User Name Data Migration User

Defaults & User Preference

1 - 5 / 5 All

#	Defaults & Preference	Mandatory?	Permitted Value	Value	Status	Error Message
1	MR Priority 1	No	Priority Other than "AOG"	low	Defined	
2	MR Priority 2	No	Priority Other than "AOG"	Normal	Defined	
3	Inventory Management Tree View	No	Enter '1' for 'Part Type - Classification', '2' for 'Part Category'	1	Defined	
4	Default Alert Days	No	Enter No. of Days to be considered for Alerts when it is not defined	0	Defined	
5	Lead Time to Ship Exchange Core	No	Lead Time (In Days)	1	Defined	
6						

Save

INVENTORY OPERATIONS HUB

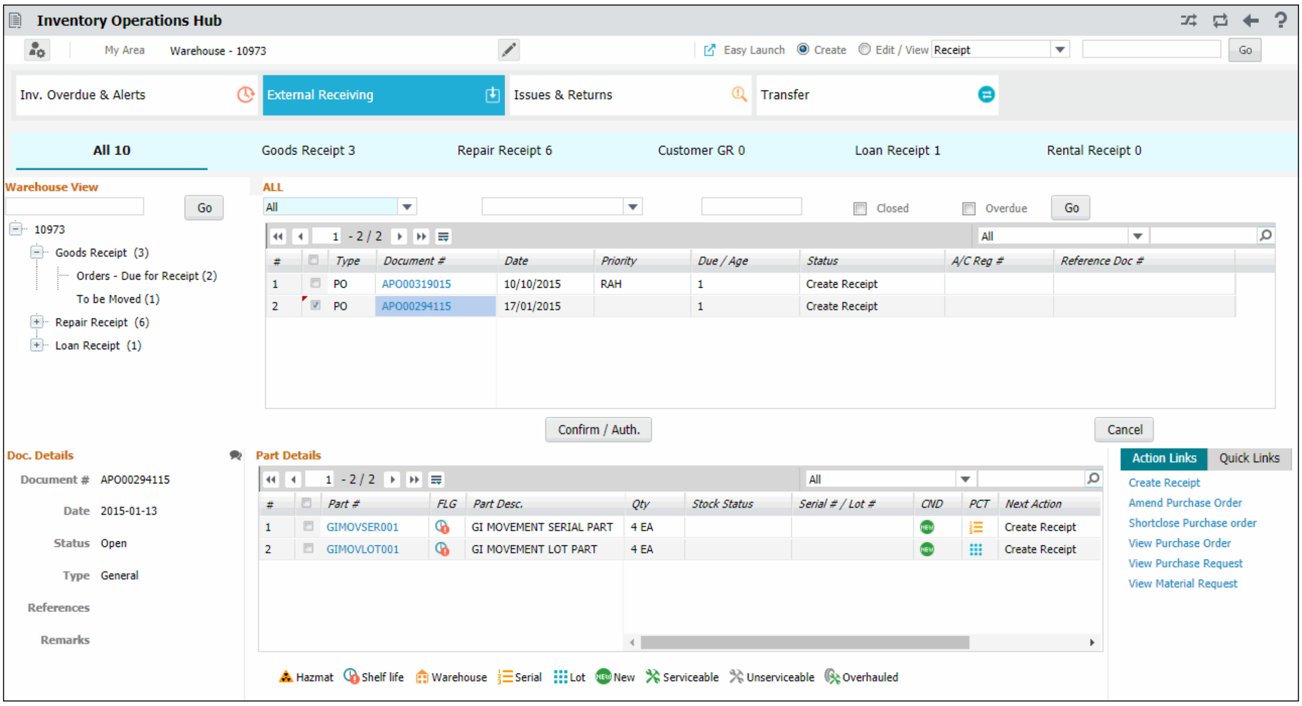
The Inventory Operations Hub will be the landing page for the Field Base Personnel and has the following panels:

1. My Area & Easy Launch Panel

2. Functions – Inv. Overdue & Alerts, External Receiving, Issues & Returns, Transfer

- Sub functions
- Tree Panel
- Document/Part List Panel
- Document Preview Panel
- Action Links and Quick Links Panel

Exhibit 2: Identifies the **Inventory Operations Hub**

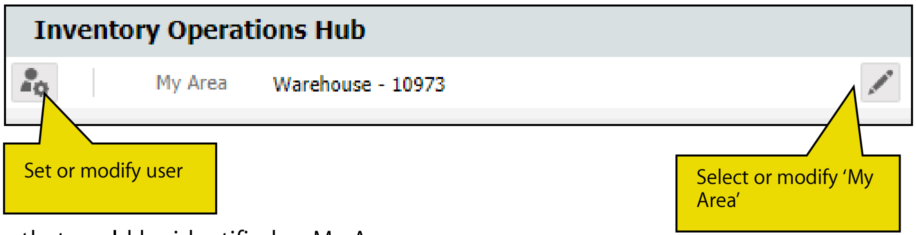


My Area & Easy Launch Panel

My Area

This section displays the Area of operation for the login user. The Area could be defined / modified by using the Edit icon provided. The documents shall be retrieved in the Hub for processing based upon the defined Area.

Exhibit 3: Identifies the **My Area** section



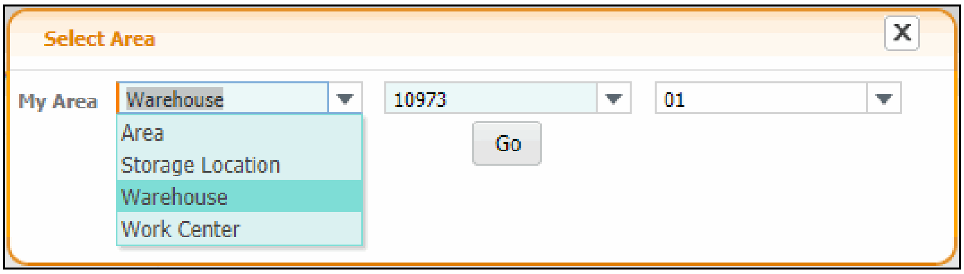
The different types of Areas that could be identified as My Area are:

- Area
- Storage Location
- Warehouse
- Work Center

Select or Modify "My Area"

Click the "Edit Icon"  to set or modify My Area. On click of the icon following screen will be launched.

Exhibit 4: Identifies Pop-up screen to define My Area



The pop-up screen has three drop downs. 1^{st} drop down will be loaded with the following values: Work Center, Storage Location, Area and Warehouse depending upon user access rights to one or more Work Centers/Warehouse. It is mandatory to select a value.

The 2^{nd} drop down will be loaded based on the value chosen in the 1^{st} drop down. For example, if the 1^{st} drop down is selected as "Warehouse", then the list of Warehouses mapped to the login user will be loaded in the 2^{nd} drop down and user can select a particular warehouse as the Area of operation. In the event where the user is mapped to more than one warehouses, a blank value will also be loaded and if user leaves the 2^{nd} drop down as blank, information pertaining to all the warehouses will be displayed in the Inventory Hub. The 3^{rd} drop down will be loaded based on the value chosen in the 2^{nd} drop down. For example, if Storage Location is selected in the 1^{st} drop down, then the 2^{nd} one will be loaded with corresponding storage locations upon selection of a particular storage location the 3^{rd} drop down will be loaded with the associated warehouses. Refer to the table below for more details.

Exhibit 5: Identifies the logic of loading various drop downs in **My Area** pop-up screen

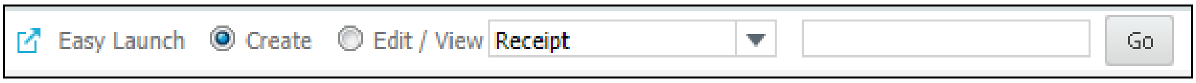
1^{st} Drop Down	2^{nd} Drop Down	3^{rd} Drop Down
Work Center	Loaded with the list of Work Centers mapped to login user	Loaded with the list of Warehouse mapped to the Work Center chosen in 2^{nd} drop down.
Storage Location	Loaded with the list of Storage Location mapped to login user, derived through Warehouse – Storage Location mapping	Loaded with the list of Warehouse mapped to the Storage Location chosen in 2^{nd} drop down.
Area	Loaded with the list of Area identified for the warehouses mapped to the login user.	Loaded with the list of Warehouse mapped to the Area chosen in 2^{nd} drop down.
Warehouse	Loaded with the list of Warehouse mapped to the login user	Loaded with the list of Zones identified for the Warehouse chosen in 2^{nd} drop down.

***Note:** Values chosen for "My Area" determine the details that will be displayed in the Hub. If "My Area" is not defined for a User and Role combination, then a text **"Please select My Area"** will be displayed in red in the My Area section.*

Easy Launch

This section facilitates launch of various application screens for creation or modification of receipt. With the radio button selected as ‘Create’, user can enter a Purchase Order, Repair Order, Loan Order, Rental Order or a Stock Transfer Issue and press the “Go” button to create respective receipts. With the radio button selected as ‘Edit / View’, user can enter a Goods Inward (Regular Purchase or Repair Receipt or Customer Goods Receipt), Loan / Rental Receipt or Stock Transfer Receipt and press the “Go” button to modify or view the respective receipt. Depending upon the Document # entered, “Go” button will launch respective receiving screens to facilitate receipt creation or modification.

Exhibit-6: Identifies the **Easy Launch** section

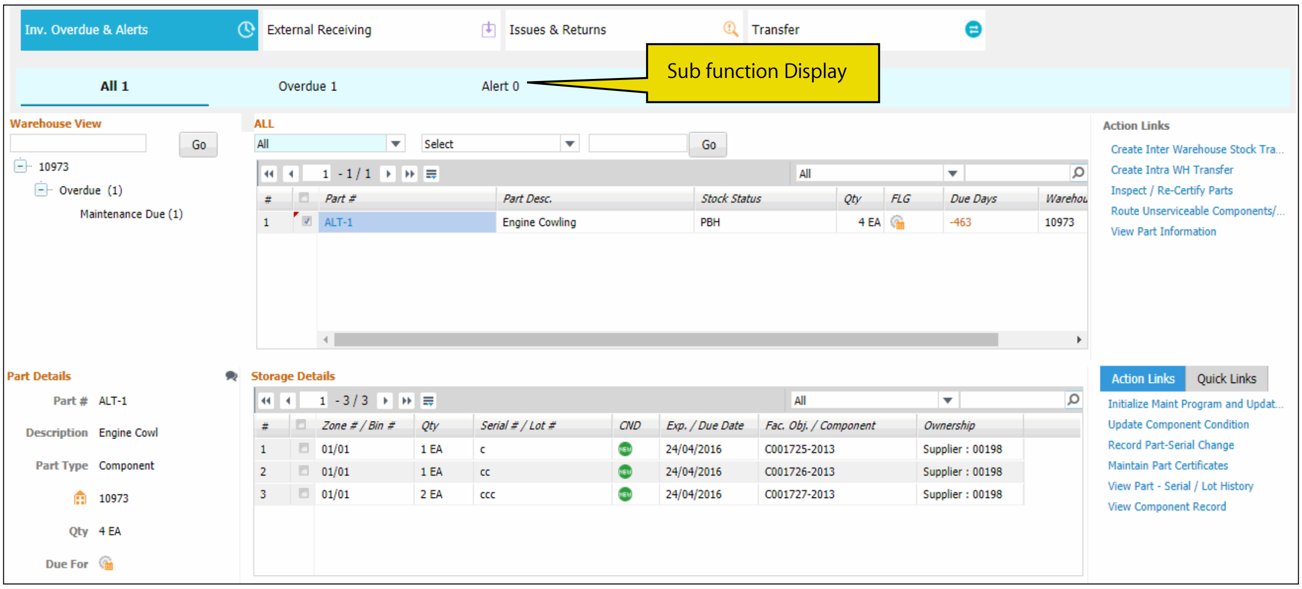


Inv. Overdue & Alerts function

In addition to maintaining the Warehouse, the Field Base Personnel also needs to carry out the Maintenance of an Aircraft. In order to achieve this, it becomes vital for the Field Base Personnel to be alerted on the Parts that would be due for Maintenance or Shelf Life Expiry or Calibration (in case of Tools).

The **Inv. Overdue & Alerts** function alerts the user with the visibility of the inventoried parts that would be due for Maintenance or Shelf Life Expiry or Tools Calibration.

Exhibit-7: Identifies the **Inv. Overdue & Alerts** function

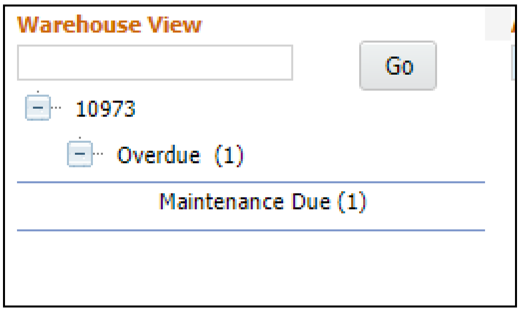


Tree Section

The tree section displays the break-down for the count displayed in the Overdue or Alerts button. The child nodes for Overdue and Alerts buttons are:

- Shelf Life Expiry
- Tool Calibration
- Maintenance Due

Exhibit-8: Identifies the Tree Section in **Inv. Overdue & Alerts** function

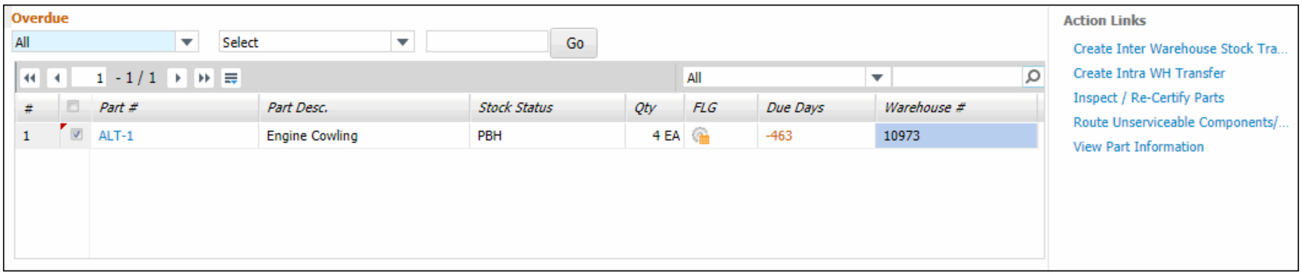


Part List Panel & Part Level Action Links

This section displays the Part-Stock Status combination that forms the count displayed against the child node in the tree section. This section is populated by the click of the tree section's child node.

The Action Links displayed are the links to the application screens for the list of identified actions possible for the Part-Stock Status combination.

Exhibit-9: Identifies the Part List Panel & Part Level Action Links in **Inv. Overdue & Alerts** function.

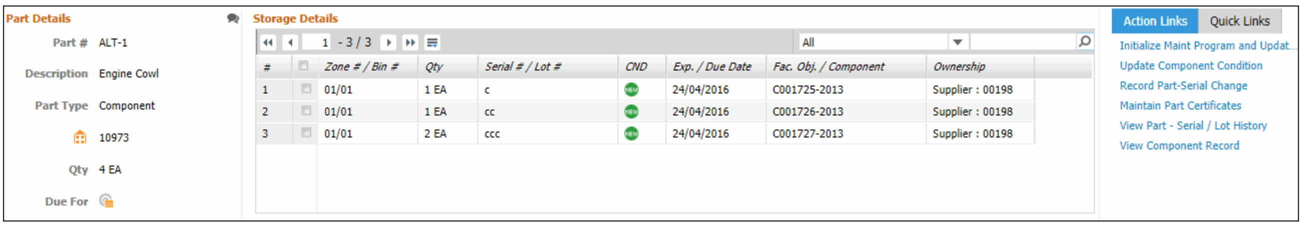


In addition, this section also has the *'Direct Search'* capability similar to the other function

Part Detailed Panel & Detailed Level Action Links

This section displays the Part-Serial / Lot # combination that forms the count displayed against the Part – Stock Status combination in the multiline of the Part List Panel under two sub-sections: Part Details and Storage Details. This section is populated by the click of the Part # in the multiline of the Part List Panel. The Action Links displayed are the links to the application screens for the list of identified actions possible for the Part-Serial # combination.

Exhibit-10: Identifies the Part Detailed Panel & Detailed Level Action Links (**Inv. Overdue & Alerts** function)



External Receiving function

As mentioned earlier, it is the responsibility of a Field Base Personnel to manage the Warehouse, in addition to the Aircraft Maintenance activities. One of the primary activities in the management of Warehouse is the management of Receipts from External Agents (i.e.) Suppliers and Customers.

In order to achieve the effective management of the External Receipts (i.e.) Regular Purchases, Repair Receipts, Customer Goods Receipts and Loan / Rental Receipts, it is required that they need to be summarized in the Hub, based upon the Receipt Type and the action that is pending on the respective document.

The **External Receiving** function enlists the different External Receipts that needs to be acted upon (i.e.) Goods Receipts or Repair Receipts or Customer GR or Loan Receipt or Rental Receipts under each Warehouse.

The different sections available in this function are discussed below.

Exhibit-11: Identifies the **External Receiving** function in **Inventory Operations** Hub

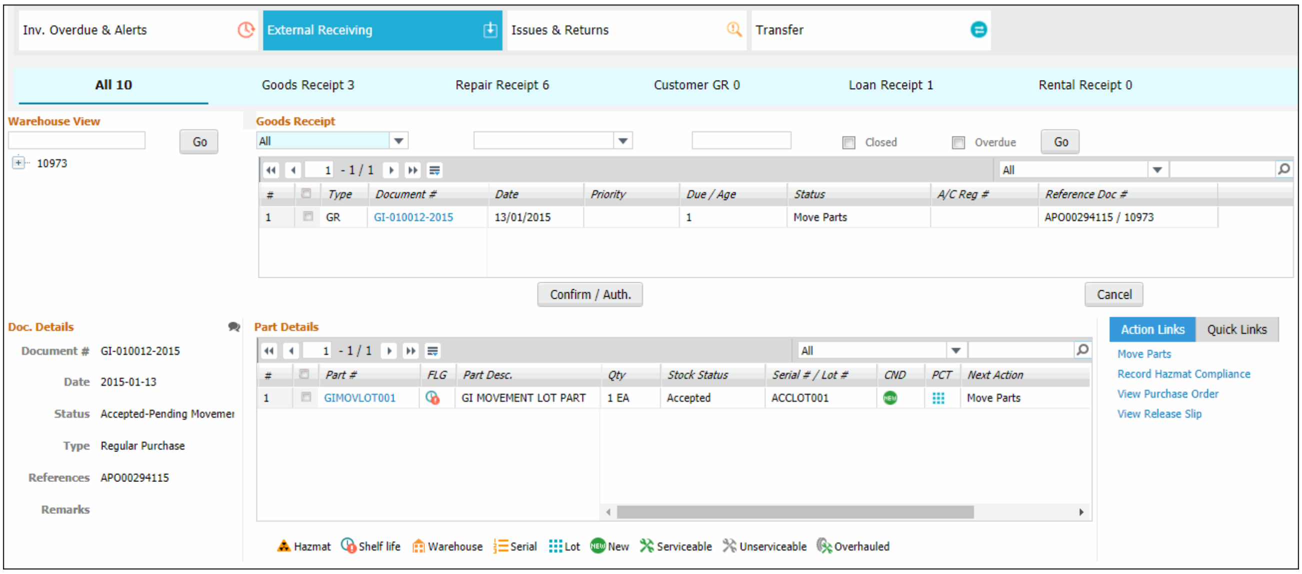
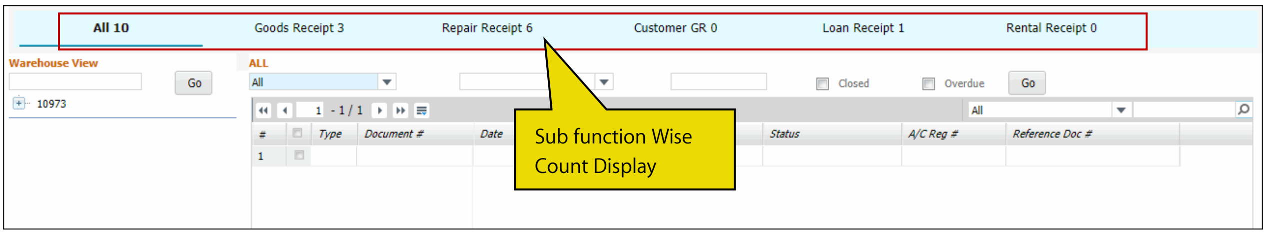


Exhibit-12: Identifies the Sub function wise Count Display in **External Receiving** function



Tree Panel (External Receiving function)

The Tree Panel comprises the following controls.

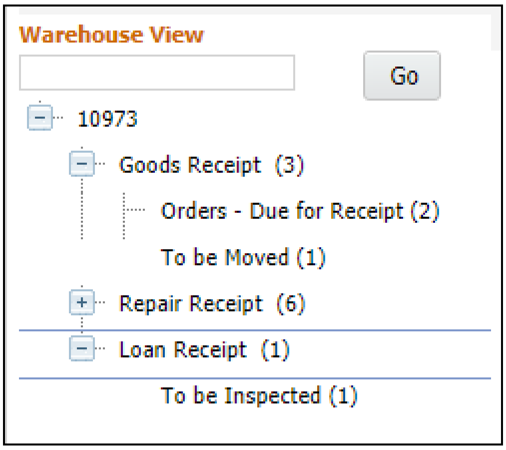
- Receipt Type wise Count Display
- Warehouse specific Search
- Document Status wise Tree Display

Receipt Type wise Count Display: This section displays different External Receipt types (i.e. Goods Receipt, Repair Receipt, Customer GR, Loan Receipt and Rental Receipt). The count of the documents that are pending for action shall be displayed alongside the receipt types.

Warehouse Specific Search: This control helps in processing all the documents that are pending in a particular Warehouse. The interested Warehouse could be searched to have the tree formed with the documents pending in that Warehouse alone.

Document Status wise Tree Display: This section displays the break-down for the count displayed besides the Receipt Type drop down at Warehouse – Possible Action (derived based upon Document Status) level.

Exhibit-13: Identifies the Tree Display in **External Receiving** function



The possible child nodes under each of the parent nodes (Goods Receipt or Repair Receipt or Customer GR or Loan Receipt or Rental Receipt) are given below.

- Goods Receipt or Customer GR or Repair Receipt
  - *Orders - Due for Receipt:*
  - *Open Order – Not Due*
  - *Draft*
  - *To be Confirmed*
  - *To be Inspected*
  - *To be Moved*
  - *To be Binned*
  - *Quarantined*
- Loan Receipt or Rental Receipt
  - *Orders - Due for Receipt*
  - *Open Order – Not Due*
  - *To be Confirmed*
  - *To be Inspected*
  - *Quarantined*

Document Status wise Tree Display - Sub Nodes Logic

- **Goods Receipt:**
  - Orders – Due for Receipt: Count of the Purchase Orders (other than the PO Type "Customer Goods") and

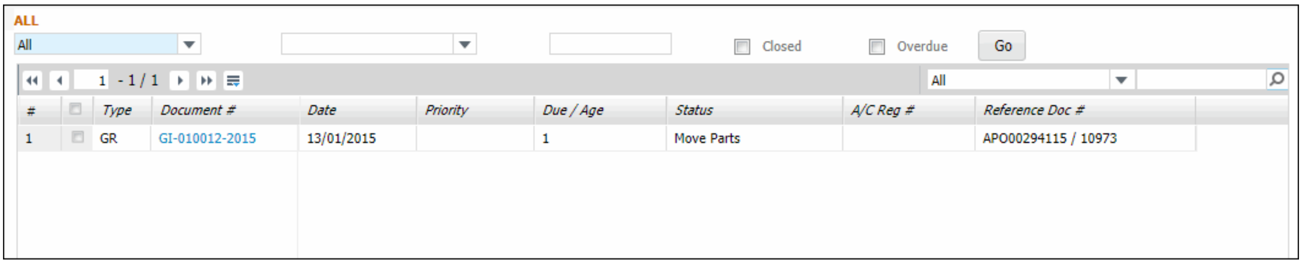
Release Slips which has at least one Part that is due for receipt in a given Warehouse, though the entire quantity should have been received prior to the current system date (as per the Earliest Due Date definition in Purchase Order)
  - Open Orders – Not Due: Count of the Purchase Orders (other than those of type "Customer Goods") and Release Slips which has at least one Part that is due for receipt in a given Warehouse with the due date well above the current system date.
- **Repair Receipt**
  - Orders - Due for Receipt: Count of Repair Orders, with the Repair Shop Shipping Date earlier than the current date, in the given Return Warehouse #, for which there exists at least one Part due for receipt.
  - Open Orders – Not Due: Count of the Repair Orders, with the Repair Shop Shipping Date well above the current system date, in the given Return Warehouse #, for which there exists at least one Part due for receipt.
- **Customer GR:**
  - Orders – Due for Receipt: Count of the Purchase Orders of Type "Customer Goods" which has at least one Part that is due for receipt in a given Warehouse, though the entire quantity should have been received prior to the current system date (as per the Earliest Due Date definition in Purchase Order)
  - Open Orders – Not Due: Count of the Purchase Orders of Type "Customer Goods" which has at least one Part that is due for receipt in a given Warehouse with the due date well above the current system date.
- **Goods Receipt or Repair Receipt or Customer GR**:
  - Draft: Count of Receipts of the selected Receipt Type, in the given Receiving Warehouse, with the Next Action as 'Record Serial / Lot Detail' for at least one Part.
  - To be confirmed: Count of Receipts of the selected Receipt Type, in the given Receiving Warehouse, with the Next Action as 'Confirm Receipt' for at least one Part.
  - To be inspected: Count of Receipts of the selected Receipt Type, in the given Receiving Warehouse, with the Next Action as 'Inspect Part' or 'Confirm Inspection', for at least one Part.
  - To be moved: Count of Receipts of the selected Receipt Type, in the given Receiving Warehouse, with the Next Action as 'Move Part', for at least one Part.
  - To be binned: Count of Receipts of the selected Receipt Type, in the given Movement Warehouse, with the line status as 'Accepted – Pending Binning' for at least one Part.
  - Quarantined: Count of Receipts of the selected Receipt Type, in the given Receiving Warehouse, with the Next Action as 'Resolve Quarantine', for at least one Part.
- **Loan Receipt**:
  - Orders – Due for Receipt: Count of Loan Orders (against which Loan Receipt is not recorded) in the given Warehouse # for which the Required Date is less than the current system date.
  - Open Orders – Not Due: Count of Loan Orders (against which Loan Receipt is not recorded) in the given Warehouse # for which the Required Date in the Loan Order is well above the current system date.
- **Rental Receipt**:
  - Orders – Due for Receipt: Count of Rental Orders (against which Rental Issue is confirmed, but Rental Receipt is not recorded), with the Due Days for Return lesser than zero.
  - Open Orders – Not Due: Count of Rental Orders (against which Rental Issue is confirmed, but Rental Receipt is not recorded), with the Due Days for return greater than zero.

- **Loan Receipt or Rental Receipt**
  - To be inspected: Count of Loan Receipts in Received status, which requires the Inspection recording is mandatory and is due.
  - To be confirmed: Count of Loan Receipts in Received status against which Inspection recording is not due or mandatory.
  - Quarantined: Count of Loan Receipts in Received status where Quarantined Qty is not null.

Document List Panel (External Receiving function)

This section shows the key information of the documents contributing to the count of a given child node of the tree section. This section is populated on the click of the child node of the tree section.

Exhibit-14: Identifies the Document List Panel in **External Receiving** function



This section also provides the user an alternative way of traversal in the Hub, ‘Direct Search’. By this ‘Direct Search’, the user need not take the tree section route to view the Document List Panel. Instead, directly, the drop-downs available over the multiline can be used to select desired Search Criteria to view the Document List.

- The Check-Box ‘Closed’, offers the user to fetch even the Closed or Short closed or cancelled documents of Purchase Order or Release Slip or Repair Order or Loan Order or Rental Order or Goods Receipt or Repair Receipt or Customer GR or Loan Receipt or Rental Receipt.

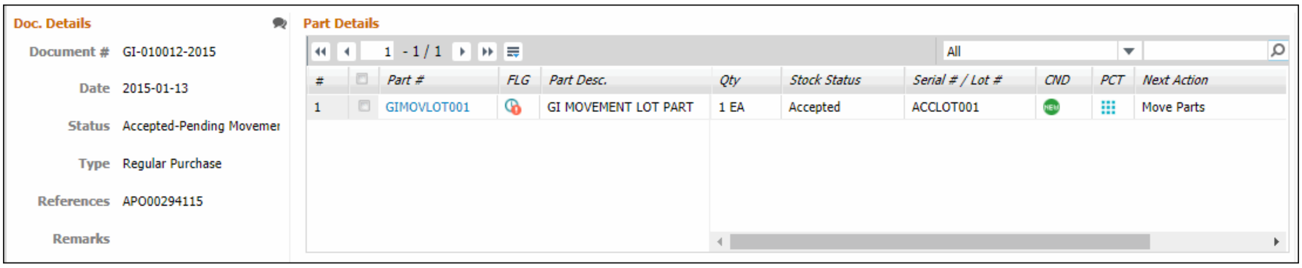
- The Check-Box, ‘Overdue’, offers the user to fetch only those Purchase Orders or Repair Orders or Loan orders or Rental Orders that are Overdue (i.e.) Due Date is earlier than the current server date.

In addition, possible actions are provided below the Document List panel. These actions will help the user to Confirm or Cancel the receipt documents directly without traversing to respective screens. Confirm Receipt action is possible only for documents that are yet to be confirmed. Similarly for cancel action is possible only for the receipt document that is not in termination status.

Document Preview Panel (External Receiving function)

This section has two sub-sections: Document Details and Part Details, to enlist the document level and the Part level details of the Document that is selected from the Document List Panel multiline. This section is populated with the data on the click of the Document # in the Document List panel.

Exhibit-15: Identifies the **Document Preview Panel** in **External Receiving** function

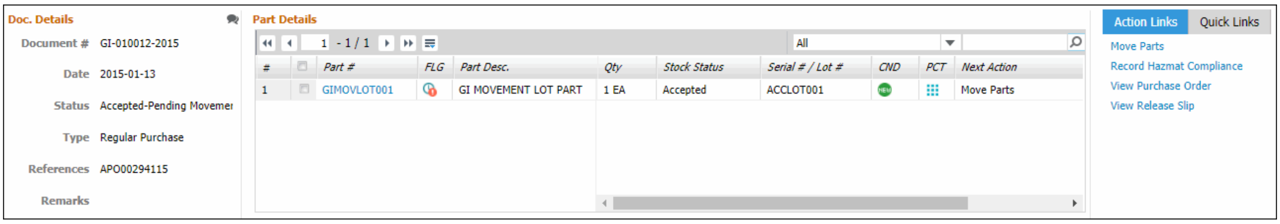


Action Links and Quick Links Panel (External Receiving function)

<u>Action Links</u>

This section comprises of the next possible action links for a given document based upon the Next Action displayed in the Next Action column of the Document Preview Panel. This section is populated along with the Document Preview Panel on click of the Document # in the Document List Panel.

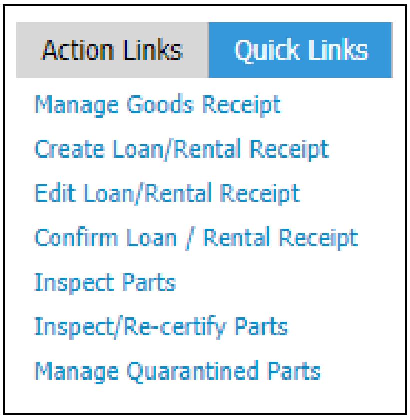
Exhibit-16: Identifies the Document Preview Panel along with Action Links in **External Receiving** function.



<u>Quick Links</u>

This section comprises of links to all the possible routine activities of a Line Base Personnel. This section is populated on the launch of the Hub.

Exhibit-17: Identifies the **Quick Links section** in **External Receiving** function



Issues & Returns function

The responsibility of the Field Base Personnel to manage the Warehouse, in addition to the Aircraft Maintenance activities, includes processing of Requests, Issues, Returns, etc. that are made in that Warehouse. The Warehouse personnel must be equipped with the visibility of the count of the Requests, Issues or Returns at two levels.

- Aircraft Level
- Warehouse Level

A function titled **'Issues & Returns'** has been provided in the **Inventory Operations Hub** for the Field Base Personnel, to have a view on all the pending transactions (i.e.) Requests or Issues or Returns under each Aircraft or Warehouse

The different sections available in this function are detailed below:

Exhibit-18: Identifies the **Issues & Returns** function in **Inventory Operations** Hub

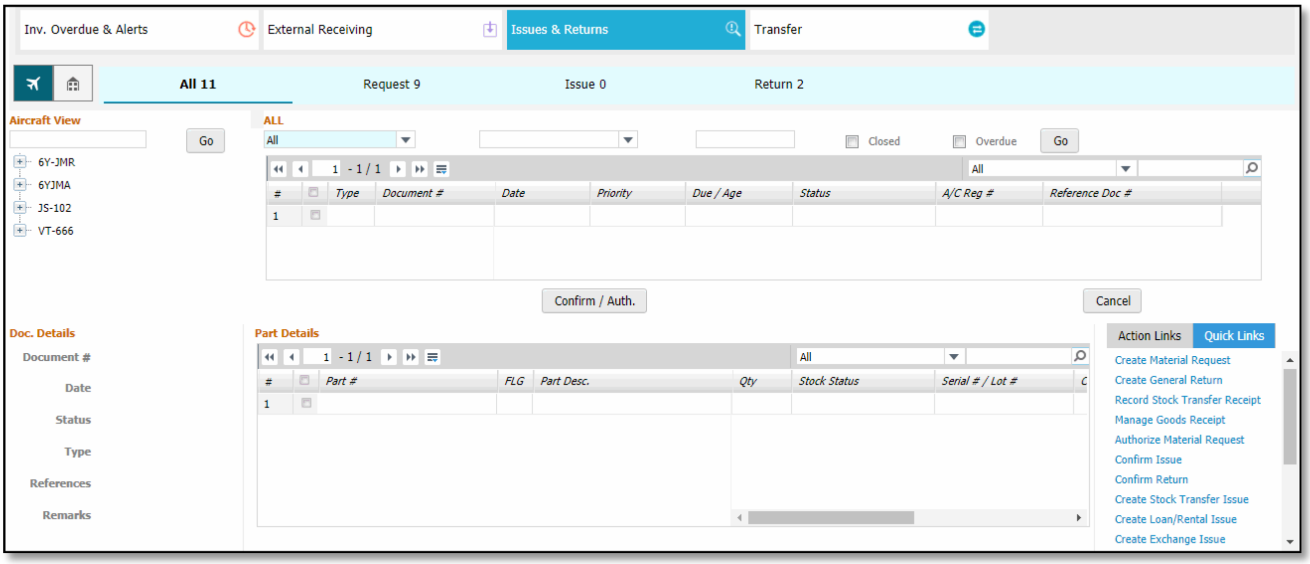
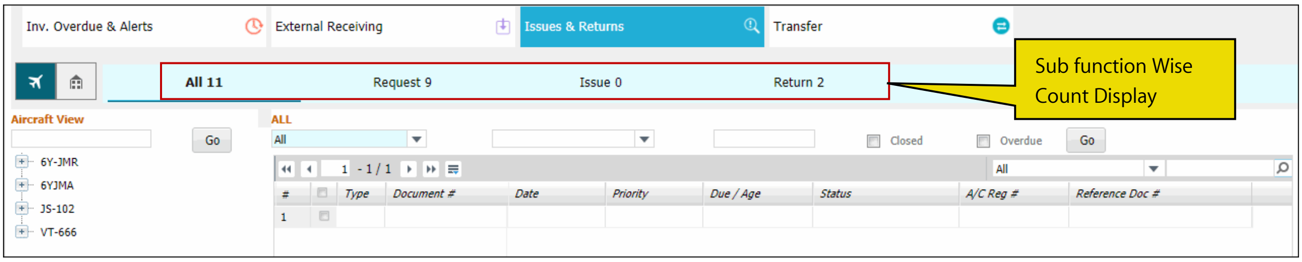


Exhibit-19: Identifies the Sub function wise Count Display in **Issues & Returns** function



Tree Panel (Issues & Returns function)

The Tree Panel comprises of the following controls.

- Document Type wise Count Display
- Warehouse specific Search
- Document Status wise Tree Display

The Tree Panel is populated primarily based on the level at which the documents are required to be viewed (i.e.) Aircraft View or Warehouse View. The primary difference between these two views is that the Aircraft View will display only those Requests, Issues and Returns made with reference to a given Aircraft, thereby eliminating the Loan Issues, Rental Issues, Exchange Issues, etc.

However, the Warehouse View can be used to retrieve all types of issues that are to be made or that are made from a given Warehouse #

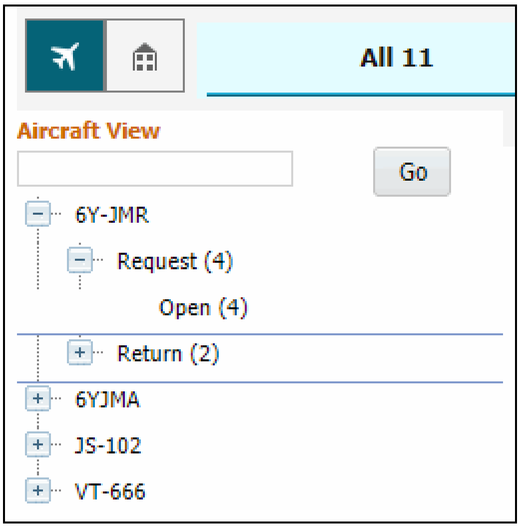
Document Type wise Count Display: This section displays different documents that are applicable for processing in the given section (viz. Material Requests, Stock Issues and Stock Returns). The count of the documents that are pending for action shall be displayed alongside the Document Types.

Aircraft / Warehouse Specific Search: Based upon the mode of view (i.e.) Aircraft / Warehouse view, this control helps in retrieval of all the documents that are pending in a given Aircraft or Warehouse. The interested Aircraft or Warehouse could be searched to have the tree formed with the documents pending in that Aircraft or Warehouse alone.

Document Status wise Tree Display: This section displays the break-down for the count displayed besides the Document Type drop down at Aircraft – Possible Action or Warehouse – Possible Action level, based upon the mode of view selected.

Document Status wise Tree Display – Aircraft View: If the mode of view is 'Aircraft View', then the Count of the documents (viz. Requests, Issues or Returns) shall be displayed as those that are done for a given Aircraft Reg. # from the defined Area of User operation (i.e.) My Area definition.

Exhibit-20: Identifies the Document Status wise Tree Display in **Issues & Returns** function – Aircraft View



The possible child nodes under each of the parent nodes (Request or Issue or Return) are given below.

- **Request**
  - Inprogress
  - Pending Authorization
  - Open
- **Issue**
  - Inprogress
  - Pending Confirmation

- **Return**
  - Inprogress
  - Pending Confirmation

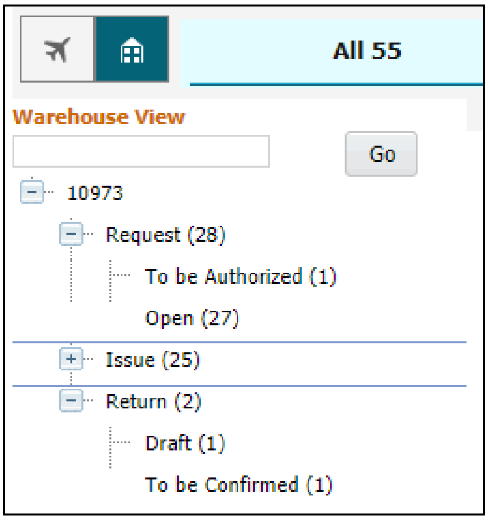
Document Status wise Tree Display - Sub Nodes Logic (Aircraft View)

- **Requests:**
  - Inprogress: Count of the Material Requests for a given Aircraft Reg # that are in Draft status.
  - Pending Authorization: Count of the Material Requests for a given Aircraft Reg. # that are in Fresh status.
  - Open: Count of the Material Requests for a given Aircraft Reg, # that are in Authorized status and is available in the sourcing cycle.
- **Issues:**
  - Inprogress: Count of the Stock Issues against a given Aircraft Reg # that are in Draft status.
  - Pending Confirmation**:** Count of the Stock Issues against a given Aircraft Reg. # that are in Fresh status.
- **Returns:**
  - Inprogress: Count of the Stock Returns against a given Aircraft Reg # that are in Draft status.
  - Pending Confirmation: Count of the Stock Returns against a given Aircraft Reg. # that are in Fresh status.

Document Status wise Tree Display – Warehouse View

If the mode of view is 'Warehouse View', then the Count of the documents (viz. Requests, Issues or Returns) shall be displayed as those that are due for a given Warehouse # from the defined Area of User operation (i.e.) My Area definition. The different child nodes of the Tree display for the Warehouse View are discussed below.

Exhibit-21: Identifies the Document Status wise Tree Display in **Issues & Returns** function – Warehouse View



The possible child nodes under each of the parent nodes (Request or Issue or Return) are given below.

- **Request**
  - Inprogress
  - Pending Authorization
  - Open

- **Issue**
    - Orders Pending Issue - Due
    - Inprogress
    - Pending Confirmation
- **Return**
    - Inprogress
    - Pending Confirmation

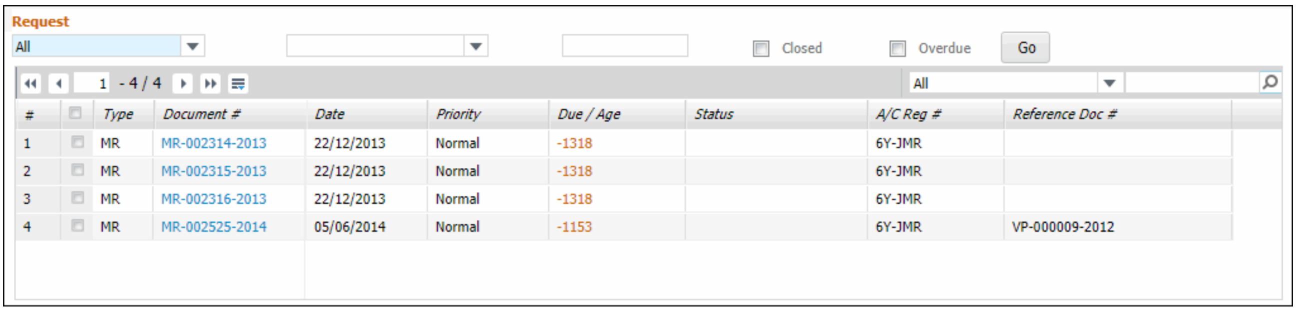
Document Status wise Tree Display - Sub Nodes Logic (Warehouse View)

- **Requests:**
    - Inprogress: Count of the Material Requests for a given Warehouse # that are in Draft status.
    - Pending Authorization: Count of the Material Requests for a given Warehouse # that are in Fresh status.
    - Open: Count of the Material Requests for a given Warehouse # that are in Authorized status and is available in the sourcing cycle.
- **Issues:**
    - Orders Pending Issue – Due: Count of the Exchange or PBH Purchase Orders or Loan Orders or Rental Orders or Repair Orders or Stock Transfer Orders against which issue of Parts is pending as per the current system date, in a given Warehouse.
    - Inprogress**:** Count of the Stock Issues against a given Warehouse # that are in Draft status.
    - Pending Confirmation**:** Count of the Stock Issues against a given Warehouse # that are in Fresh status.
- **Returns:**
    - Inprogress**:** Count of the Stock Returns against a given Warehouse # that are in Draft status.
    - Pending Confirmation**:** Count of the Stock Returns against a given Warehouse # that are in Fresh status.

Document List Panel (Issues & Returns function)

This section shows the key information of the documents contributing to the count of a given child node of the tree section. This section is populated on the click of the child node of the tree section.

Exhibit-22: Identifies the Document List Panel in **Issues & Returns** function



#	Type	Document #	Date	Priority	Due / Age	Status	A/C Reg #	Reference Doc #
1	MR	MR-002314-2013	22/12/2013	Normal	-1318		6Y-JMR	
2	MR	MR-002315-2013	22/12/2013	Normal	-1318		6Y-JMR	
3	MR	MR-002316-2013	22/12/2013	Normal	-1318		6Y-JMR	
4	MR	MR-002525-2014	05/06/2014	Normal	-1153		6Y-JMR	VP-000009-2012

In addition, this section also provides the user an alternative way of traversal in the Hub, *'Direct Search'*. By this 'Direct Search', the user need not take the tree section route to view the Document List Panel. Instead, directly, the drop-downs available over the multiline can be used to select desired Search Criteria to view the Document List.

- The Check-Box 'Closed', offers the user to fetch even the Closed Material Requests; Confirmed Issues and Confirmed Returns.

- The Check-Box, ‘Overdue’, offers the user to fetch only those Issues or Requests that are Overdue (i.e.) Due Date is earlier than the current server date. The Overdue Check-box does not impact the Search for Returns.

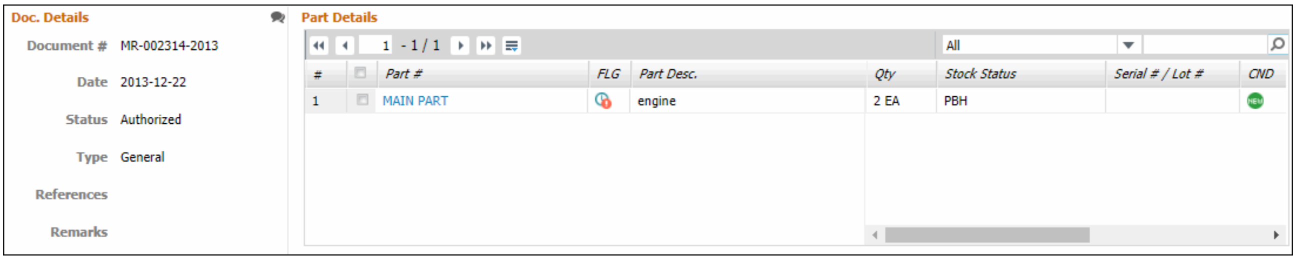
The Pending Requests count displayed is the count of Material Requests, which are available in any of the Child node in the tree structure possible, for which the Priority is either AOG or MR Priority 1 or MR Priority 2 (as defined in the **Manage Screen Defaults & Preference** screen)

In addition, possible actions are provided below the Document List panel. These actions will help the user to Confirm and Cancel the Request or Issue or Return documents directly without traversing to the respective screens.

Document Preview Panel (Issues & Returns function)

This section has two sub-sections: Document Details and Part Details, to enlist the document level and the Part level details of the Document that is selected from the Document List Panel multiline. This section is populated with the data on the click of the Document # in the Document List panel.

Exhibit-23: Identifies the Document Preview Panel in **Issues & Returns** function

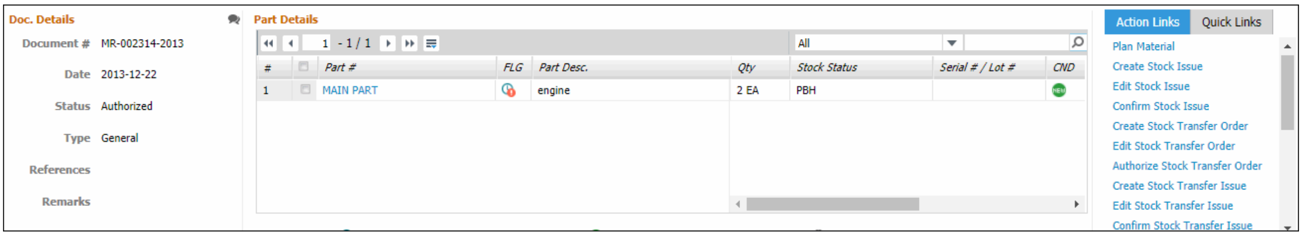


Action Links and Quick Links Panel (Issues & Returns function)

Action Links

This section comprises of the next possible action links for a given document based upon the Next Action displayed in the Next Action column of the Document Preview Panel. This section is populated along with the Document Preview Panel on click of the Document # in the Document List Panel.

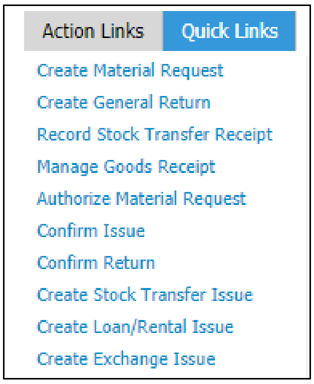
Exhibit-24: Identifies the Document Preview Panel along with Action Links in **Issues & Returns** function



Quick Links

This section comprises of links to all the possible routine activities of a Line Base Personnel. This section is populated on the launch of the Hub.

Exhibit-25: Identifies the Quick Links section in **Issues & Returns** function



<u>Transfer function</u>

Warehouse management includes processing the Transfer Issue or Transfer Receipt or Material Loss or Transfer Order or Intra Warehouse Stock transfer etc. that are made in that Warehouse. It is imperative to have a single dashboard wherein the Field Base Personnel would be able to have a summary of all the pending activities related to transfer of stock so that the Stock Transfer could be managed efficiently.

A function titled **Transfer** has been provided under the Inventory Operations Hub for the Field Base Personnel, to have a view on all the pending stock transfer related transactions (i.e.) Transfer Issue or Transfer Receipt or Material Loss or Transfer Order or Intra Warehouse Stock transfer under each Warehouse.

Exhibit-26: Identifies the **Transfer** function in **Inventory Operations** Hub

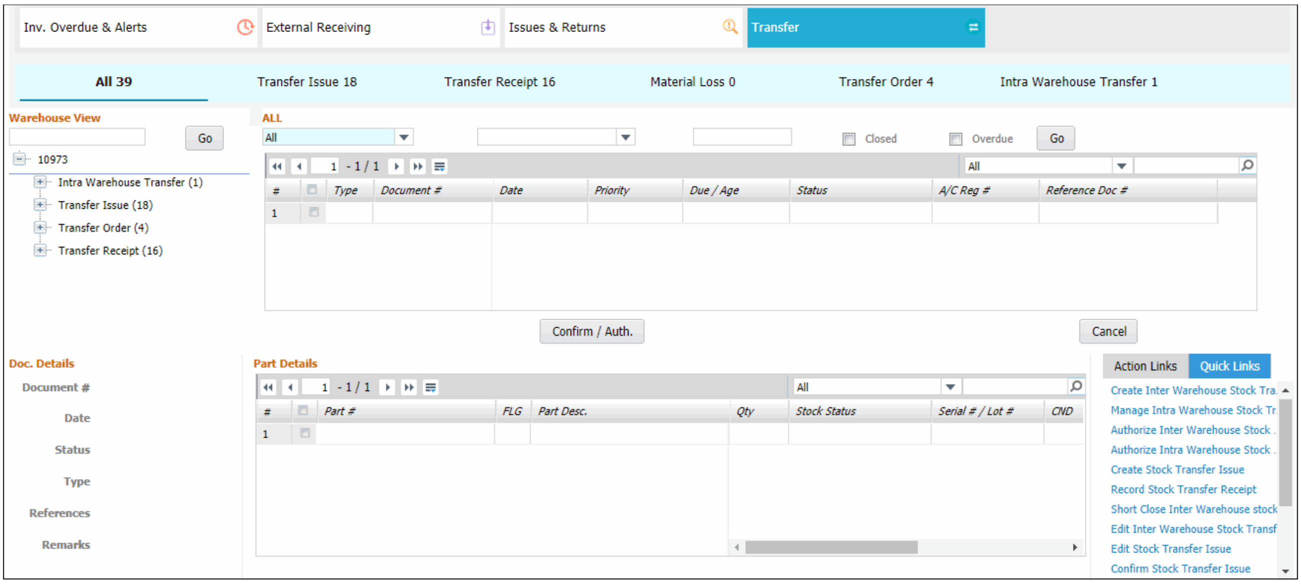
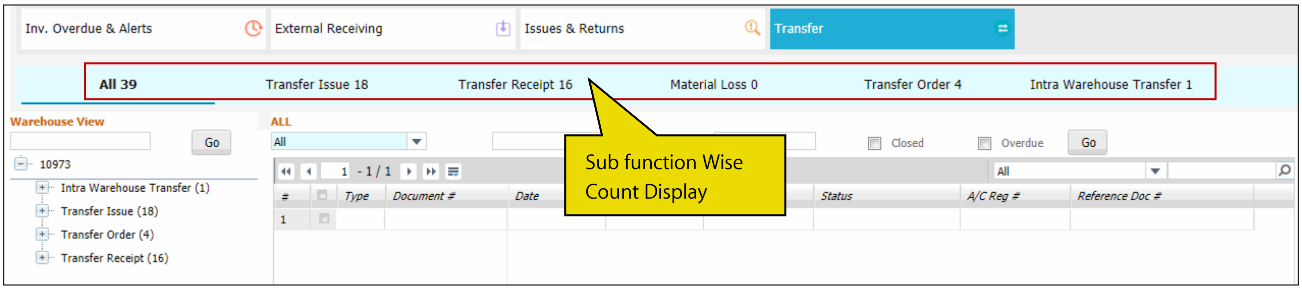


Exhibit-27: Identifies the Sub function wise Count Display in **Transfer** function



Tree Panel (Transfer function)

The Tree Panel comprises of the following controls.

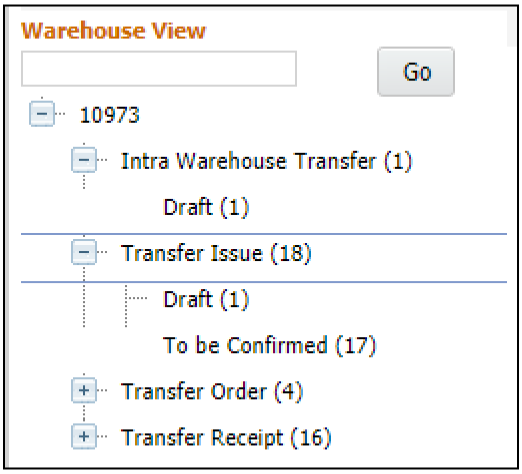
- Document Type wise Count Display
- Warehouse specific Search
- Document Status wise Tree Display

<u>Document Type wise Count Display:</u> The Document Type section displays different documents that are applicable for processing in the given section (viz. Transfer Issue, Transfer Receipt, Material Loss, Transfer Order and Intra Warehouse Stock Transfer). The count of the documents that are pending for action shall be displayed alongside.

<u>Warehouse Specific Search:</u> This control helps in retrieval of all the stock transfer documents that are pending in a given Warehouse. The interested Warehouse could be searched to have the tree formed with the documents pending in that Warehouse alone.

<u>Document Status wise Tree Display:</u> This section displays the break-down for the count displayed besides the Document Type drop down at Warehouse – Possible Action level.

Exhibit-28: Identifies the Document Status wise Tree Display in **Transfer** function



The possible child nodes under each of the parent nodes (Transfer Issue or Transfer Receipt or Material Loss or Transfer Order or Intra Warehouse Transfer) are given below.

- Transfer Issue

- o Draft
- o Fresh
- o Orders
- o Open Order

- Transfer Receipt
  - o To be Confirmed
  - o Orders pending for Receipt
- Material Loss
  - o To be Confirmed
- Transfer Order
  - o Draft
  - o To be Authorized
- Intra Warehouse Transfer
  - o Draft
  - o To be Authorized

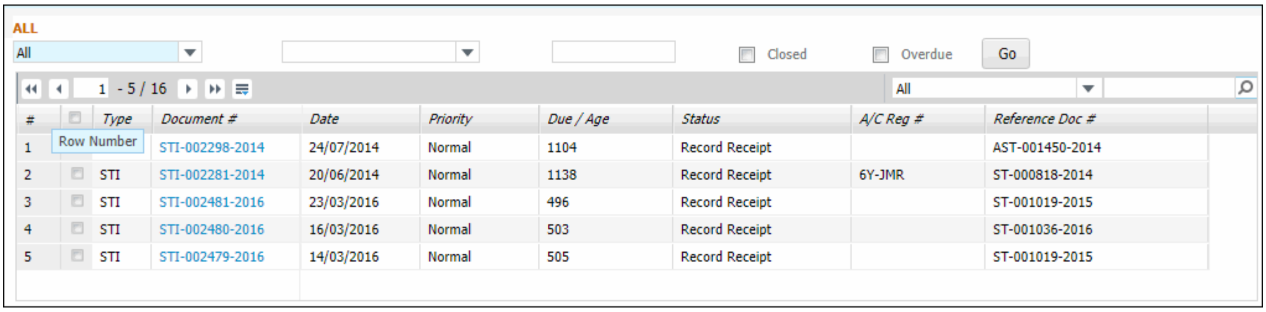
Document Status wise Tree Display - Sub Nodes Logic

- **Transfer Issue:**
  - o Draft: Count of the Stock Transfer Issues in Draft status, for a given Warehouse.
  - o Fresh: Count of the Stock Transfer Issues in Fresh status, for a given Warehouse.
  - o Orders – Due for Issue: Count of the Stock Transfer orders created from a given Warehouse, that are in Authorized status with the Need Date less than or equal to the current system date (with Stock Transfer Issue not being recorded for at least one part).
  - o Orders – Not Due: Count of the Stock Transfer orders created from a given Warehouse that is in Authorized status with the Need Date greater than the current system date (with Stock Transfer Issue not being recorded for at least one part).
- **Transfer Receipt**:
  - o To be confirmed: Count of the Stock Transfer Receipts that are in Fresh status, in the given Warehouse.
  - o Orders pending for Receipt: Count of the distinct Stock Transfer Orders (for a given To Warehouse #), against which the Stock Transfer Issue is in Confirmed status, but Stock Transfer Receipt is not recorded.
- **Material Loss:**
  - o To be confirmed: Count of the Material Loss documents recorded against a Stock Transfer document for a given Warehouse # that are in Fresh status.
- **Transfer Order:**
  - o Draft: Count of the Stock Transfer orders created from a given Warehouse that is in Draft status.
  - o To be authorized: Count of the Stock Transfer orders created from a given Warehouse that is in Fresh status.
- **Intra Warehouse Transfer:**
  - o Draft: Count of Intra Warehouse Stock Transfer Orders created from a given Warehouse that is in Draft status.
  - o To be authorized: Count of the Intra Warehouse Stock Transfer orders created from a given Warehouse that are in Fresh status.

Document List Panel (Transfer function)

This section shows the key information of the documents contributing to the count of a given child node of the tree section. This section is populated on the click of the child node of the tree section.

Exhibit-29: Identifies the Document List Panel in **Transfer** function



In addition, this section also provides the user an alternative way of traversal in the HUb, *'Direct Search'*. By this 'Direct Search', the user need not take the tree section route to view the Document List Panel. Instead, directly, the drop-downs available over the multiline can be used to select desired Search Criteria to view the Document List.

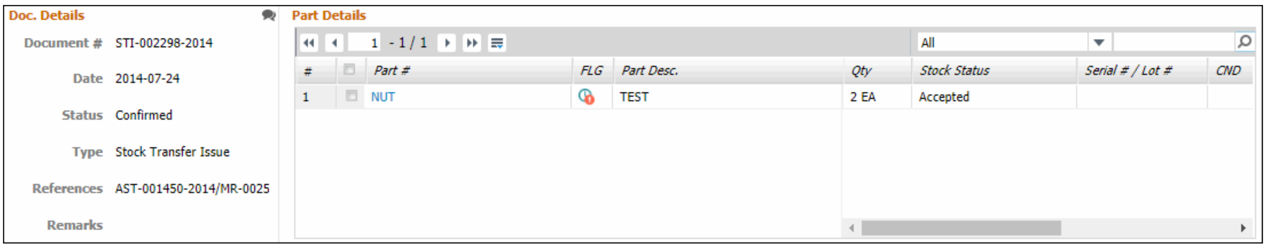
- The Check-Box 'Closed', offers the user to fetch even the Canceled or Closed or short closed documents for Transfer Issue or Transfer Receipt or Material Loss or Transfer Order or Intra Warehouse Transfer.
- The Check-Box, 'Overdue', offers the user to fetch only those Transfer Issue or Transfer Receipt or Material Loss or Transfer Order or Intra Warehouse Transfer that are Overdue (i.e.) Due Date is earlier than the current server date.

In addition, possible actions are provided below the Document List panel. These actions will help the user to Confirm and Cancel the Transfer Issue or Transfer Receipt or Stock Transfer Order documents directly without traversing to respective screens.

Document Preview Panel (Transfer function)

This section has two sub-sections: Document Details and Part Details, to enlist the document level and the Part level details of the Document that is selected from the Document List Panel multiline. This section is populated with the data on the click of the Document # in the Document List panel.

Exhibit-30: Identifies the Document Preview Panel in **Transfer** function

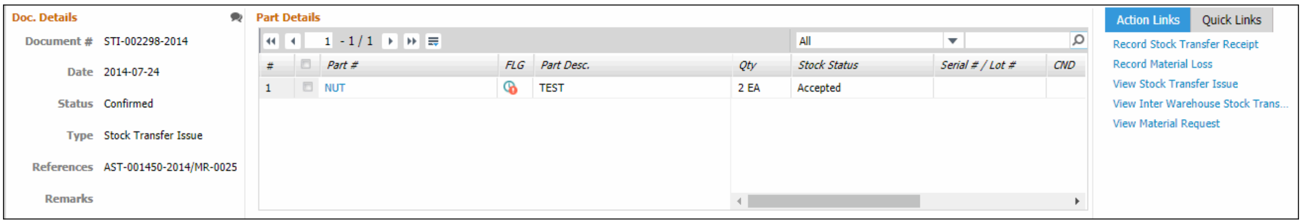


Action Links & Quick Links Panel (Transfer function)

Action Links

This section comprises of the next possible action links for a given document based upon the Next Action displayed in the Next Action column of the Document Preview Panel. This section is populated along with the Document Preview Panel on click of the Document # in the Document List Panel.

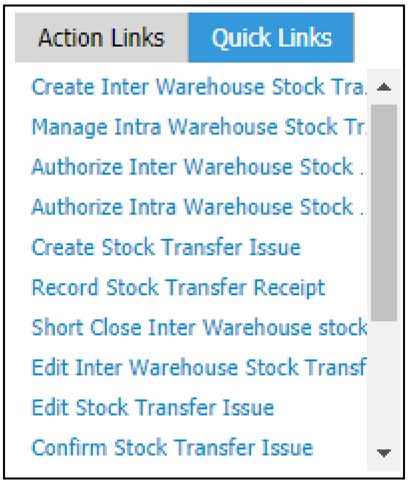
Exhibit-31: Identifies the Document Preview Panel along with Action Links in **Transfer** function



Quick Links

This section comprises of links to all the possible routine activities of a Line Base Personnel. This section is populated on the launch of the Hub.

Exhibit-32: Identifies the Quick Links section in **Transfer** function



Note: This feature involves commercials and is not available for all customers. Please contact your Ramco Account Manager.

Ability to manage MOD details at Part # - Serial # and visibility of MOD information in Inquire Stock Availability

Reference: AHBG-16175

Background

Part Modification is an activity for modifying / upgrading part with superior properties and is driven through regulatory document such as Service Bulletins (SB's), CMM's etc. Whenever a part is modified / upgraded then the Part # - Serial # will be assigned with the new MOD #, which can be used for tracking purpose. Current Framework in Ramco does not support Part Modification Feature. Hence the business requirement is to update the Part- Serial level MOD details.

Change Details

1. A new activity **Manage Part Serial MOD Details** is added under the **Stock Maintenance** business component to manage / view the list of Mod #s complied on a specific Part # - Serial # or across Part # and Serial #.
2. Mod information will be displayed in **Inquire Stock Availability** screen, so that when a general stock inquiry is done, mod details are also seen against respective Serial #s.
3. The new screen **Manage Part Serial MOD Details** is provided as a link across multiple components.

Manage Part-Serial MOD details

A new activity **Manage Part Serial MOD details** is added under the **Stock Maintenance** business component to manage / view the list of Mod #s complied on a specific Part # - Serial # or across Part # and Serial #. The page allows to record / authorize / reverse the Part Serial Mod compliance details.

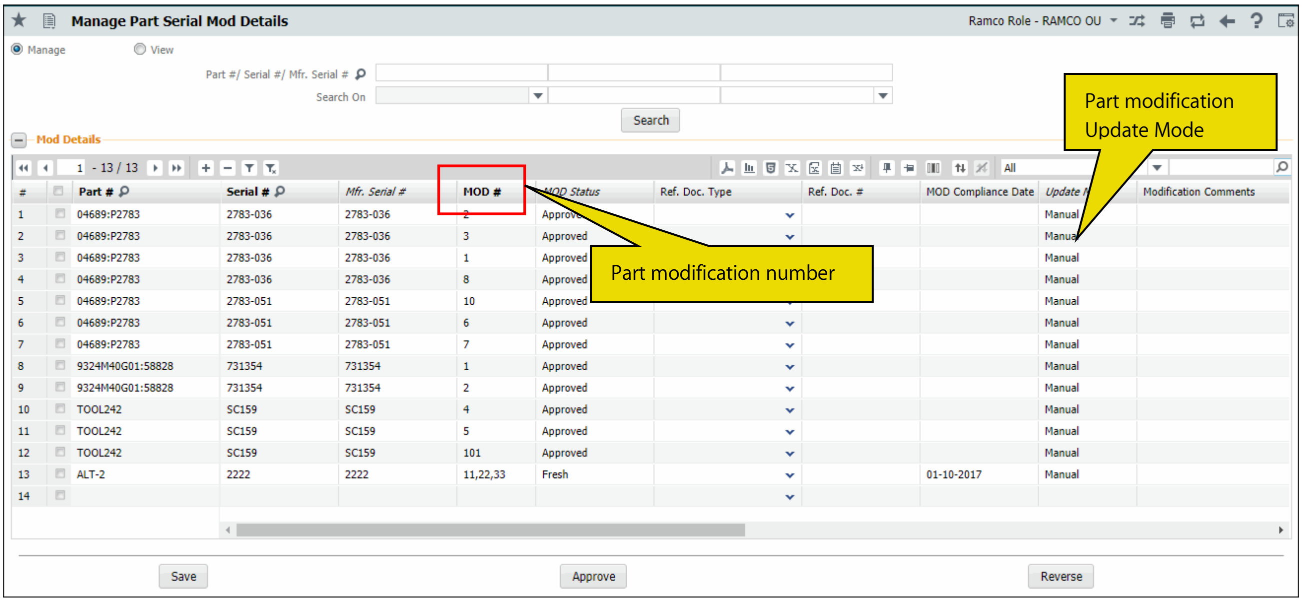
Using Manage/View radio button user can record or View the MOD details. Also using the search function, user can retrieve the mod details for a part serial combination either by directly entering a serial controlled part or enter the search criteria. MOD details can be updated or modified in the Part Serial MOD details multiline.

1. MOD # - The unique number identifying the part modification.
2. MOD Status - The status of part-serial modification which could be 'Fresh', 'Approved' or 'Reversed'.
3. MOD Compliance Date - The date on which the modification is complied on the serial controlled part. The MOD Compliance date must be lesser than or equal to the current date.
4. Update Mode – The part serial modification update mode, which could be either 'Auto' or 'Manual'.
   - Auto - if the system auto-inherits/updates the MOD details for the Part Serial upon completion of a Work Order.
   - Manual – if the user updates the MOD details manually using the manage Part Serial MOD details.
5. Modification Comments – Any additional comments pertaining to the part modification.
6. Reason for Reversal – Enter the reason for which the part modification compliance is reversed.
7. Click on **Approve** pushbutton to approve the part serial mod details. The MOD status is changed to "Approved" for the authorized records.
8. Reversal comments are mandatory for MOD reversal. Upon Reversal of MOD # status will be changed to Reversed.

Note: Reversal of MOD details is allowed only for the records having the status 'Approved'

> *Note: When a MOD task is added in the Work order, then upon completion of Work Order, system updates the MOD details for the Part Serial combination automatically in Manage Part Serial MOD details.*

Exhibit 1: Identifies the **Manage Part Serial MOD Details** activity in **Stock Maintenance** business component



#	Part #	Serial #	Mfr. Serial #	MOD #	MOD Status	Ref. Doc. Type	Ref. Doc. #	MOD Compliance Date	Update Mode	Modification Comments
1	04689:P2783	2783-036	2783-036	2	Approved				Manual	
2	04689:P2783	2783-036	2783-036	3	Approved				Manual	
3	04689:P2783	2783-036	2783-036	1	Approved				Manual	
4	04689:P2783	2783-036	2783-036	8	Approved				Manual	
5	04689:P2783	2783-051	2783-051	10	Approved				Manual	
6	04689:P2783	2783-051	2783-051	6	Approved				Manual	
7	04689:P2783	2783-051	2783-051	7	Approved				Manual	
8	9324M40G01:58828	731354	731354	1	Approved				Manual	
9	9324M40G01:58828	731354	731354	2	Approved				Manual	
10	TOOL242	SC159	SC159	4	Approved				Manual	
11	TOOL242	SC159	SC159	5	Approved				Manual	
12	TOOL242	SC159	SC159	101	Approved				Manual	
13	ALT-2	2222	2222	11,22,33	Fresh			01-10-2017	Manual	
14										

Inquire Stock Availability

A new check box ‘MOD Info’ is added in the **Display Options** group box in the **Inquire Stock Availability** screen, to display approved MOD details against respective Serial #s when a general inquiry is done. A new column ‘Mod #’ is added in the Search Results multiline. The Mod # should be displayed for the Part # - Serial # combination, only when ‘MOD Info’ check box is enabled. If the MOD # is not available for the selected Part # - Serial Combination the display 'Blank'. Also if the ‘MOD Info’ checkbox is not checked, then display the MOD # as blank in the Search Results multiline. If MOD #s are applicable, but not complied then display blank. If MOD #s are applicable and are complied, then the system displays the MOD # as shown in the below example.

Example:

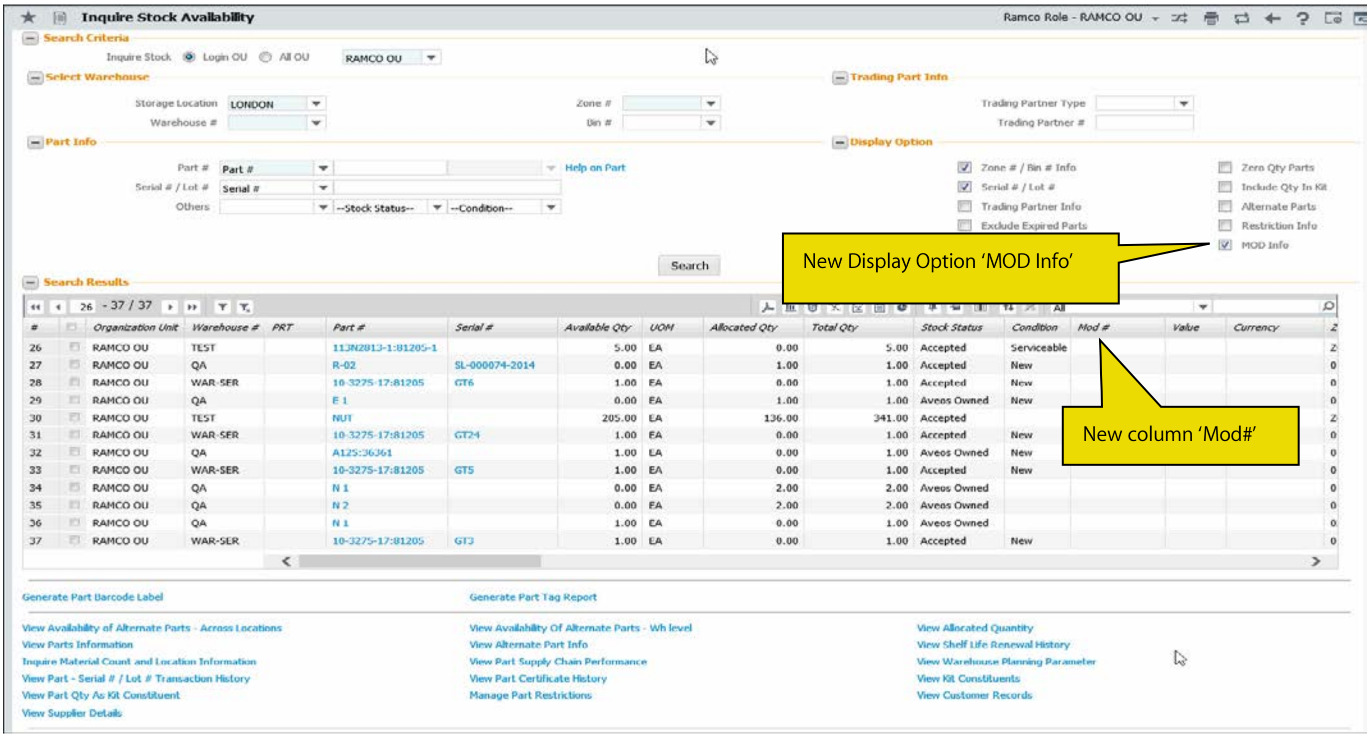
Part #	Serial #	MOD #	MOD status	MOD complied date
P1	S1	1	Approved	1-Aug-17
P1	S1	2	Approved	5-Aug-17
P1	S1	5	Approved	7-Aug-17
P1	S1	7	Reversed	10-Aug-17
P1	S1	8	Fresh	11-Aug-17

‘Mod #’ is displayed in the **Inquire Stock availability** screen as shown below:

Part #	Serial #	Qty	MOD #
P1	S1	1	1,2,5

> *Note: If the search result is not going to display both Part # and Serial #, then display the Mod # column as 'Blank'*

Exhibit 2: Identifies the **Inquire Stock Availability** screen



New screen **Manage Part Serial Mod Details** is added as a link in various screens across business components.

1. Goods Inward:
    - Manage Goods Receipt
2. Shop Work Order:
    - Record Shop Execution Details
3. Stock Return:
    - Create Maintenance Return
    - Create General Return
    - Edit Return
    - Create Unplanned Return
    - Edit Unplanned Return
4. Stock Receipt:
    - Record Stock Transfer Receipt
    - View Stock Transfer Receipt
    - Create Unplanned Receipt
    - View Unplanned Receipt
5. Loan / Rental Receipt:
    - Create Loan / Rental Receipt
    - Edit Loan / Rental Receipt
    - View Loan / Rental Receipt

Exhibit 3: Identifies the link addition in **Manage Goods Receipt** screen

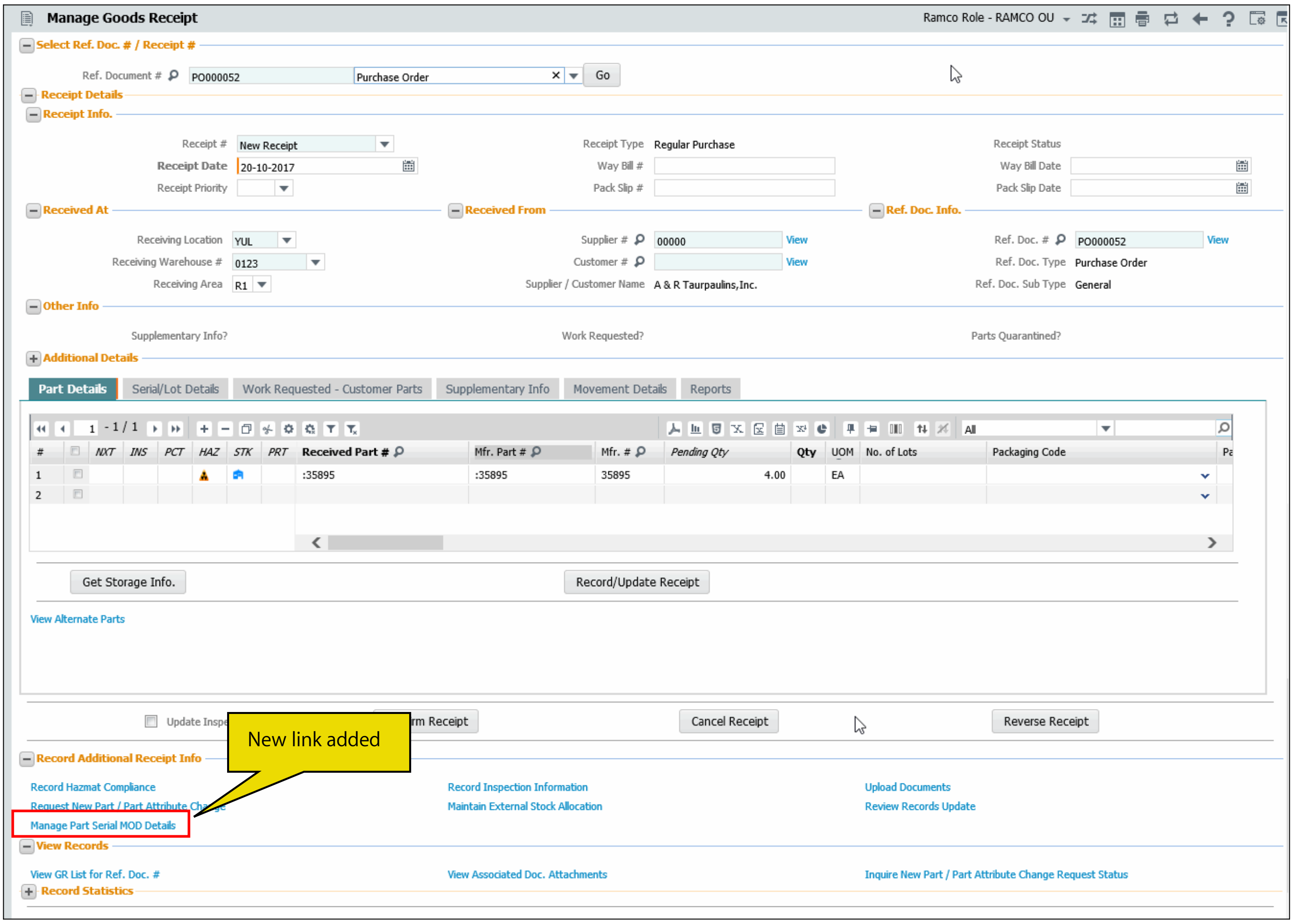
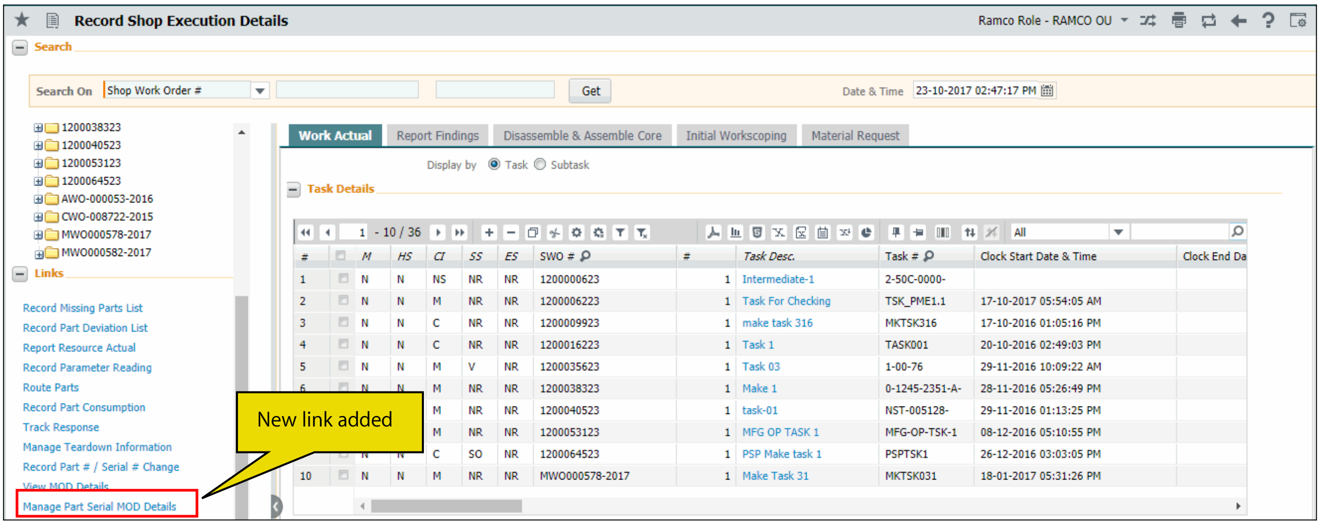


Exhibit 4: Identifies the link addition in **Record Shop Execution Details** screen



Ability to view Part Serial Name Plate using Smart Popup

Reference: AHBG-15469

Background

Currently, in Ramco Aviation Solution, there is a provision to verify the Part related information like Basic Part Details, Maintenance Details, Sourcing Details in Part Name plate. But the screen provides only basic information like Last transaction details and Due dates for the Part # - Serial # / Lot # combination. Business requirement to display complete overview of the Part # – Serial #/Lot # combination like Component Replacement History, Transaction History & Condition history details in the same screen along with Tech record status of Part #. Hence the Part Name Plate is enhanced to provide multiple information for a given Part # - Serial # / Lot # combination.

Change Details

The **Part Serial Name Plate** smart popup can be launched by clicking the hyperlinked Serial # / Lot # in the '**Inventory Operations Hub'** and '**Inquire Stock Availability'.** This popup enables quick review of Part - Serial/Lot reference details and is integrated with various functions to retrieve and display the required details for a given Part - Serial / Lot # combination.

i. **Aircraft** business component to retrieve the current location, Parameter Values and Remaining Life of the Component Record.

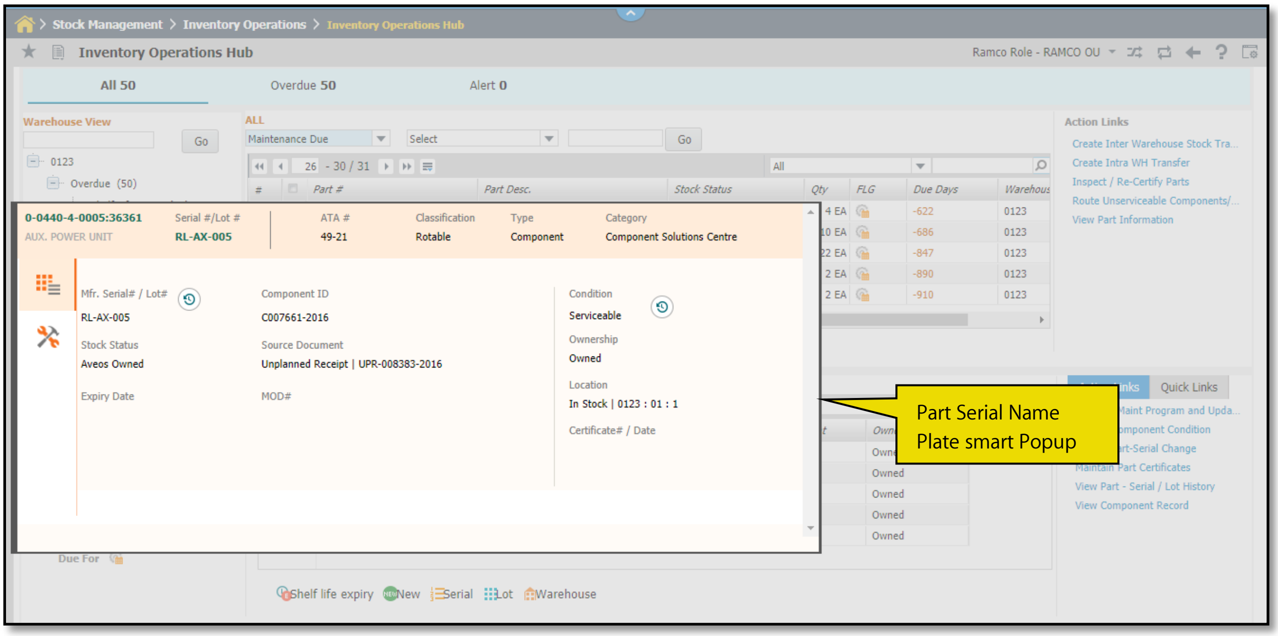
ii. **Tech Records** to retrieve the Tech Record status of the Component Record.

iii. **Compliance Tracking & Control** business component to retrieve the "Next Due At" value for the Component record.

The **Part Serial Name Plate** smart popup displays details like Part #, Part Description, ATA #, Classification of the part, Part Type, Part Category and internal Serial # / Lot of the part in the header and the following tabs:

1. Serial Lot Information tab
2. Maintenance Information tab

Exhibit 1: Identifies the **Part Serial Name Plate** smart popup invoked from **Inventory Operations Hub**



1. **Serial Lot Information tab**:

This tab displays the following details of the part:

- **Mfr. Serial # / Mfr. Lot #** - The Mfr. Serial # corresponding to the Serial # of the Part, displayed Serial Controlled Parts. Also, the Mfr. Lot # corresponding to the Lot # of the part is also displayed for Lot Controlled parts).
- **Component #** - The Component # pertaining to the Part # - Serial # combination from the interacting **Aircraft** business component (will be available only for the Component Parts).
- **Stock Status** - The Stock Status of the Part # - Serial # or the Part # - Lot # combination
- **Source Document #** - The concatenation of the Source Document type and the Source Document # for the Part - Serial # or Part - Lot # combination as available in the stock records.

  Note: The different Source Document Types include "Goods Receipt", "Repair Receipt", "Opening Balance", "Physical Inventory", "Cycle Count", "Stock Correction", "Loan / Rental Receipt", "Unplanned Receipt", "Stock Return", "Component Replacement", "Facility Record". For Example: "Goods Receipt | GR-000230-2013"

- **Expiry Date** - The Expiry Date for the Part # - Serial # or Part # - Lot # combination. If the Part is a Shelf Life Controlled Part, but there is no Expiry Date, then the Expiry Date is displayed as "Not Available".
- **MOD #** - The Mod # corresponding to the Part - Serial # combination of the Part #.
- **Condition** - The condition of the Part # - Serial # or the Part - Lot # combination.
- **Ownership** - The "Ownership" and "Trading Partner Name" for the 'Part # - Serial #' or the 'Part # - Lot #' combination are concatenated and displayed.
- **Location** - The Location Information for the Part - Serial # or Part - Lot # combination.
- **Certificate #/Date** - The Certificate Type, Certificate # and the Certificate Date for the Part - Serial # or the Part - Lot # combination are concatenated and displayed.

  *Note: Click the Mfr. Serial # /Lot # history icon provided alongside the **Mfr. Serial # / Mfr. Lot # field** to display the last 5 Transactions for the Part # - Serial # or Part # - Lot # combination as a popup.*

  *Click the Condition History icon provided alongside the **Condition** field to display condition history for Part # - Serial # or Part # - Lot # combination as a popup.*

Exhibit 2: Identifies the **Serial Lot Information** tab in the **Part Serial Name Plate** smart popup

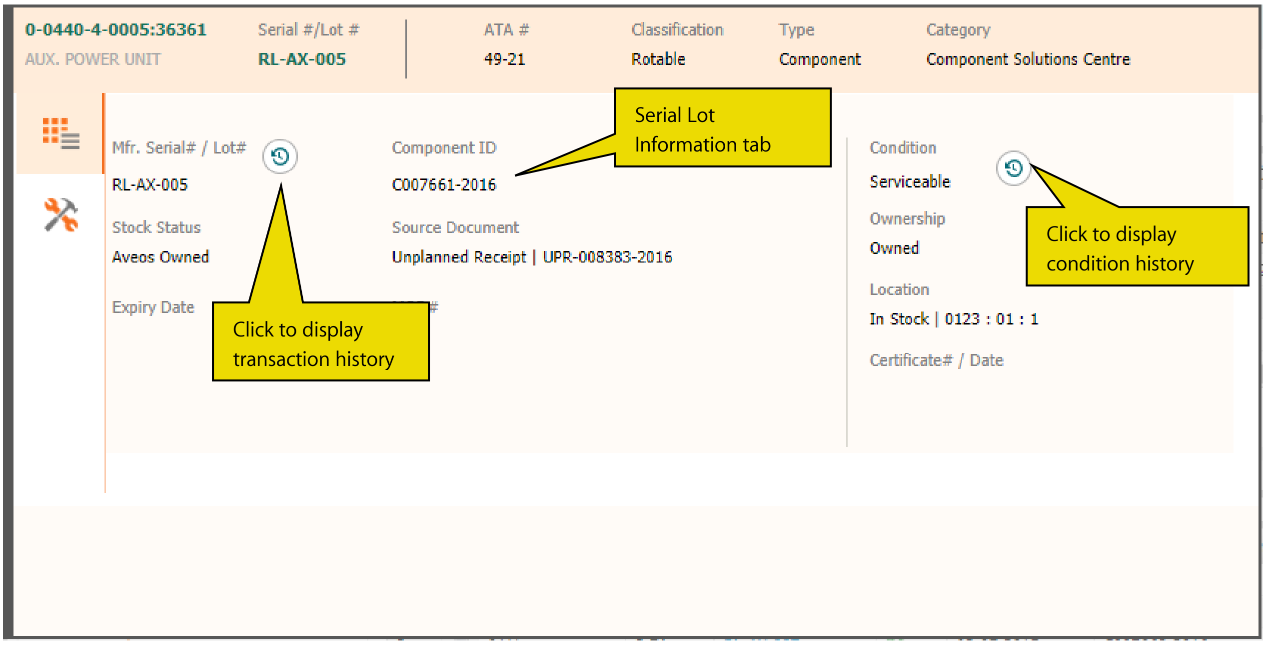
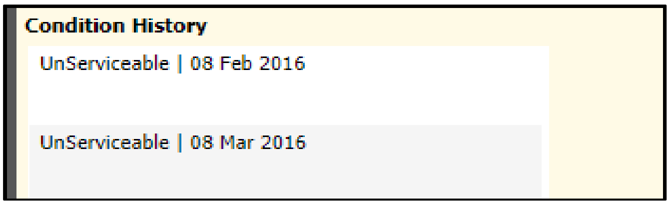


Exhibit 3: Identifies the **Mfr. Serial # / Lot #** Transaction History in **Serial Lot Information** tab in the **Part Serial Name Plate** smart popup

Exhibit 4: Identifies the **Condition History** in the **Serial Lot Information** tab of the **Part Serial Name Plate** smart popup



2. <u>Maintenance Information tab</u>:

The **Maintenance Information** tab provides the following sections:

i. *<u>Parameter Info.</u>:* This section displays the following parameter details of the part for the given Serial # / Lot # combination.

- **Parameter Values** - The concatenation of the current FH and FC values for the given Component. E.g. "100 FC | 300 FH".

- **Next Due at** - The Parameter Values / Date at which the Component is due for maintenance. If multiple values exist, the values are concatenated and displayed. For example, if a Component has Tasks, T1 due at 250 FH; T2 due at 100 FC and T3 due at 30.11.2013, then this field should be displayed as "250 FH | 100 FC | 30.11.2013"

ii. ***Program Info.:*** This section displays the program details of the part.

- **Remaining Life** - The Remaining Life of the Component # for lifed parts. If the part is not lifed, this field is left blank.
- **Remaining Days/Values** - The Remaining Days / remaining parameter values of the component # for the lifed part.
- **Triggering Task #** - The Task # or a Standard procedure or a work package, to be performed as part of the work package. The Task # and Task Description for the given component are concatenated and displayed.
- **Last Comp. Repl.** - The Last Component Replacement # for the Part - Serial # or Part - Lot # combination as available in the Component Replacement history is displayed.

Note: Click the Component Replacement History icon ' ' provided alongside to display all the Component Replacements generated for the Part #- Serial # or Part # - Lot # combination in a separate popup.

iii. ***Tech. Records Info.*** This section displays the tech records details for the component part.

- **Component Status** - The Component Status of the component Part # available in the **Aircraft** business component..
- **Config Status** - The status of the component configuration for the given component #.
- **Assembly Status** - The status of the assembly component for the given component # - Indicates whether all sub assembly components are associated to all the active position codes in the component configuration.
- **Program Status** - The status of the Maintenance Program for the given component #.

Exhibit 5: Identifies the **Maintenance Information** tab in the Part Serial Name Plate smart popup

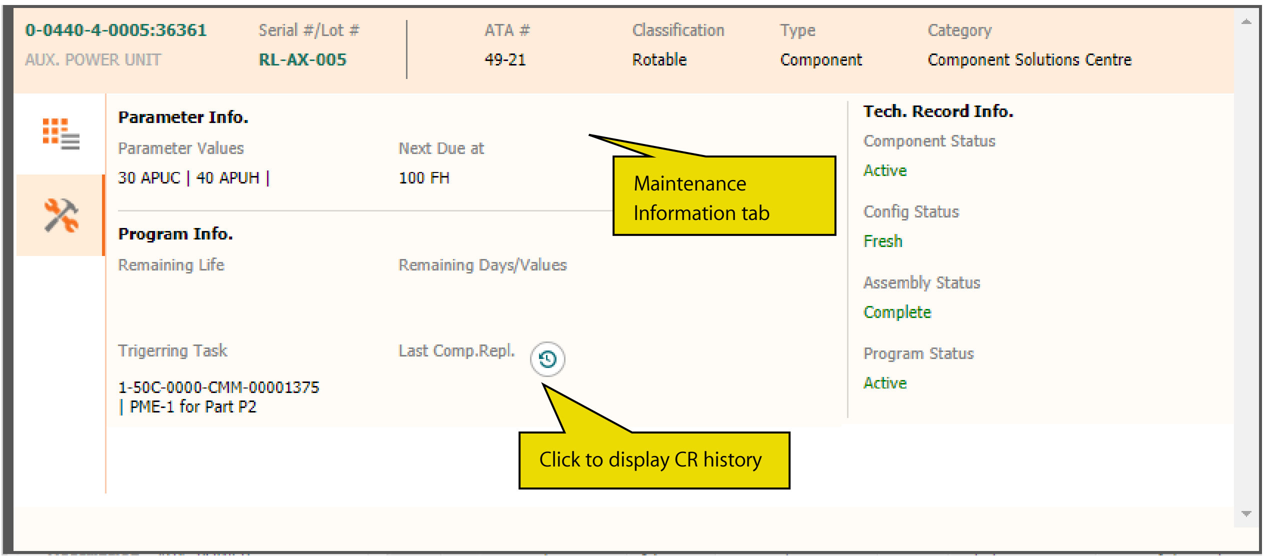
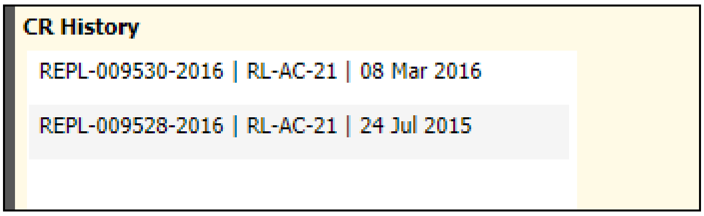


Exhibit 6: **Identifies** the **Component Replacement** History in **Maintenance Information** tab in the **Part Serial Name Plate** smart popup



Note: Engineering Information and Finance Information for the Part # - Serial #/Lot # combination will be available as a separate tab information in the Part Serial Name Plate in the future Enhancement.

Ability to review previous history of shipment of part using smart popup

Reference: AHBG-15365

Background

When a part needs to be shipped to Customer or Supplier location, Shipping Administrator needs to choose a right Carrier and Shipping Method considering the freight cost and delivery timelines etc. To identify the appropriate Carrier information, Shipping Administrator has to refer previous history of the shipment for a given part between From and To destinations. Verifying the Shipping Note history one by one is cumbersome process. Smart Shipping History popup aids the Shipping Administrator to select the right Carrier swiftly without requiring to visit multiple screens. Smart Shipping History provides the preview of Shipping Information like Carrier, Shipping Method, Freight Charges, Package and Freight information for the latest 5 transactions.

Change Details

A new column 'History' which displays the Shipment History icon '  ' is added in the 'Part Details' multiline of the **Record Shipping Note** activity. On mouse hover of History icon, the system displays the last carrier information for the combination of selected Part, From Destination and To Destination. On clicking the Part Shipment History icon, the system displays the **Shipping Note** Smart Popup.

<u>Shipping Note Smart Popup</u>

The Shipping Note popup displays the following shipment details of the part:

1. Header Details
2. Shipping History List
3. Shipping Information
    a. Shipping Note #
    b. Package Info
    c. Shipping Information - Freight Info
    d. Shipping Information - Doc. Info

<u>1. Header Details:</u>

The system displays the following details in the header.

- **Part #:** Displays the Shipping Part #
- **Part Description:** Displays the Description of the Part #
- **Sender Location Info**: Displays Ship From (i.e. Shipping Warehouse) details like Sender Name, Sender Address, City, State, Country and Zip Code.
- **Movement Icon**: Display the Movement icon '  ' next to the Ship From details

- **Recipient Location Info**: Displays Ship to address (i.e. Customer # or Supplier # or Warehouse #) details like Recipient Name, Ship to Address, City, State, Country and Zip Code.

2. *Shipping History List:*

The system displays the shipping note transactions for the combination of shipped part # from the Shipping Warehouse to Ship to customer # & Address ID, in the following format:

Display of Elements

| Example

Carrier Code Net Weight Freight Charges UOM | FedEx 20 LB 112 USD

Shipping Method Ship Note Date | FedEx Ground 20-Jul-17

3. *Shipping Information:*

The Shipping note details are displayed corresponding to the record selected in the Shipping History List. The system displays various details like Shipping Note #, Package information, freight details and document information.

a. **Shipping Note #**: The Shipping Note for the record selected in the Shipping History list.

b. **Package Info**: The packaging code, packaging dimension and the net weight of the package are displayed for the selected Shipping Note #.

c. **Freight Info**: The Freight Charges, Freight Terms and INCO Terms available for the selected Shipping Note # are displayed in this section.

d. **Doc. Info**: The document details like Way Bill #, Ref. Doc. Type and the INCO Terms (International Commercial Terms) available for the selected Shipping Note # are displayed here.

Exhibit 1: Identifies the **Shipping Note** smart popup invoked from **Recording Shipping Note** screen

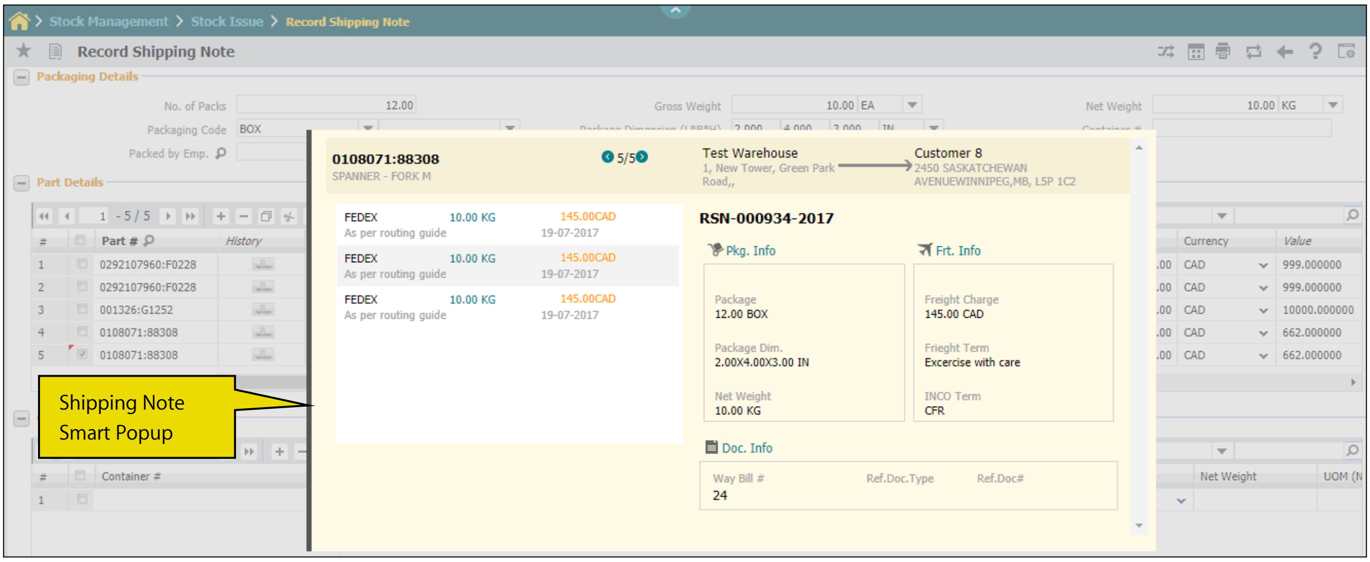
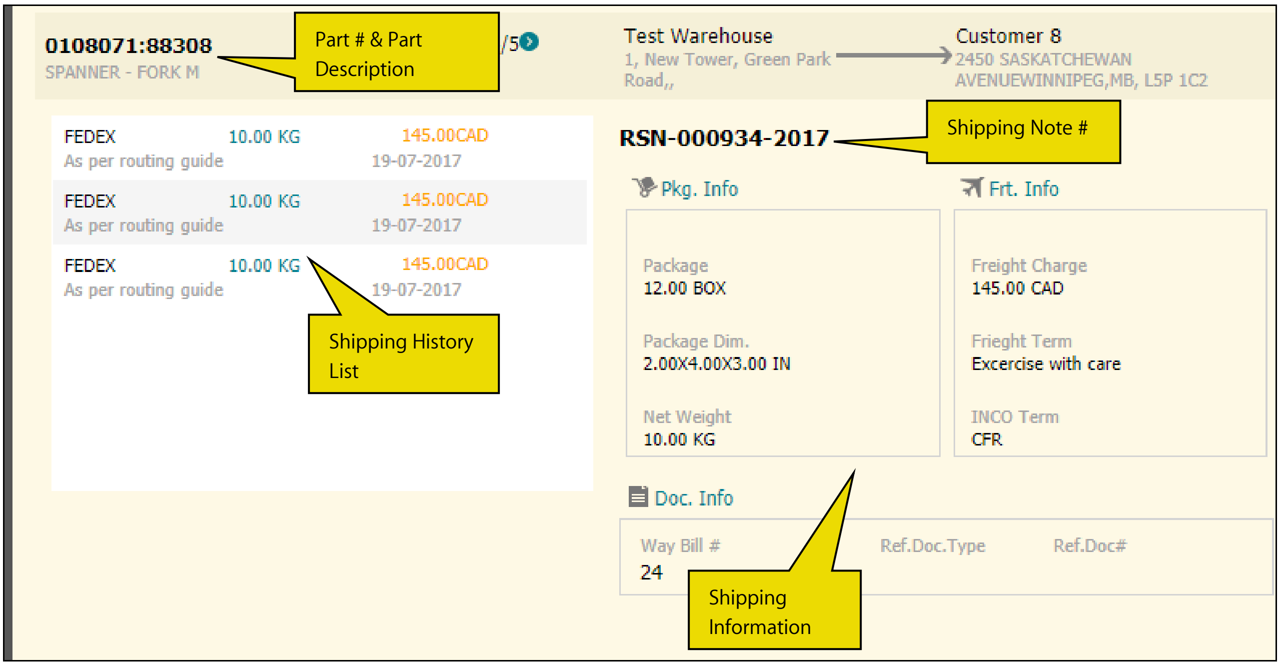


Exhibit 2: Identifies the **Shipping Note** smart popup



Ability to compute inventory revaluation across warehouses and part types

Reference: AHBG-10518

Background

In Ramco, for computing inventory revaluation across locations, it is required to compute it separately for every combination of warehouse and part type. Computing inventory Revaluation for each Warehouse or part type is a time consuming and cumbersome process. Hence a provision is required to compute the inventory revaluation across warehouses and part types in one go.

Change Details

With the help of this new enhancement, user can compute the Inventory Revaluation across all the warehouse or Part Types in one go. Also Inventory Revaluation document status is enabled to track the progress of document. This enhancement provides the following features:

- Inventory Valuation processing at Storage Location level
- Inventory Valuation processing across Part types
- Provision to compare the system arrived Supplier Price list value with the modified market rate
- Provision to compute the Supplier Pricelist value including the Charges and Discounts mapped with the supplier
- Track the Status of Inventory Revaluation document

Compute Inventory Revaluation screen

The following changes are made in the **Compute Inventory Revaluation** screen.

1. In the 'Inventory Revaluation Details' section:
    - New display only field 'Status' is added.
    - New Combo UI field 'Storage Location' is added.
    - Warehouse # and Part Type are made Non-Mandatory fields.
2. In the 'Part Details' multiline of 'Stock Revaluation Details' tab:
    - New Columns 'Warehouse #' and 'Stock Correction #' are added.
    - New Columns 'Supplier #', 'Supplier Pricelist Value' are added.
3. In the 'Stock Revaluation Summary' section of the Stock Revaluation details tab:
    - Stock Correction # display only field is removed.

View Inventory Revaluation screen

This activity is renamed 'Edit/View Inventory Revaluation'

4. In the Search Criteria section,
    - New combos 'Storage Location' and 'Status' are added.
    - In Search Details multiline, 'Status' and 'Created date' are added.

Logic Changes

a. Storage Location selection is made mandatory for performing Inventory Revaluation.

b. On clicking 'Analyze Revaluation' button, Revaluation # will be generated with status as ‘Draft’.

c. An offline scheduler will pick up the ‘Draft’ Revaluation # and initiate process of identifying the parts that are eligible for Inventory Revaluation, comparing the current stock value with the Supplier Price List value. Status will be updated as ‘Inprogress’.

d. Once the scheduler completes the processing, if there are parts applicable for revaluation, the Inventory Revaluation document status will be updated as ‘Fresh’ and the same will be displayed in the **Compute Inventory Revaluation** screen when launched from **Edit / View Inventory Revaluation** activity. If there are no parts, the document status will be updated as ‘Cancelled’. Part’s eligibility for revaluation is handled based on the following logic:

   Any Part #-Serial # or Part #-Lot # combination that is available in stock with the current stock rate greater than the sum of Cost, Supplier and/or Part level charges and discounts (with basis as Percentage) defined for that part in the Supplier master, will be considered for revaluation. The current stock rate taken for validation varies based on the ‘Valuation Method - Valuation Level’ combination selected for Inventory Revaluation.

   - If the Valuation Method is selected as ‘Actual Cost’, then the rate is considered at Warehouse # – Part # - Serial/Lot # - Stock Status level and all these values will be displayed in the multiline.
   - If the Valuation Method is selected as ‘Weighted Average’ and Valuation Level is selected as ‘Warehouse’, then the rate is considered at Warehouse # – Part # - Stock Status level and all these values will be displayed in the multiline.
   - If the Valuation Method is selected as ‘Weighted Average’ and Valuation Level is selected as ‘Location’, then the rate is considered at Part # - Stock Status level and these values will be displayed in the multiline. In addition to these values, to have Stock Correction generated, one of the warehouses where the part is stocked will be displayed in the multiline. These Revaluation documents in ‘Fresh’ status can be selected from the **Edit/View Inventory Revaluation** screen**.**

e. On click of 'Update' button, Stock Correction and/or Journal Voucher will be generated based on the Revaluation Type and document status will be updated as ‘Closed’.

Exhibit 1: Identifies the controls added in **Compute Inventory Revaluation** screen

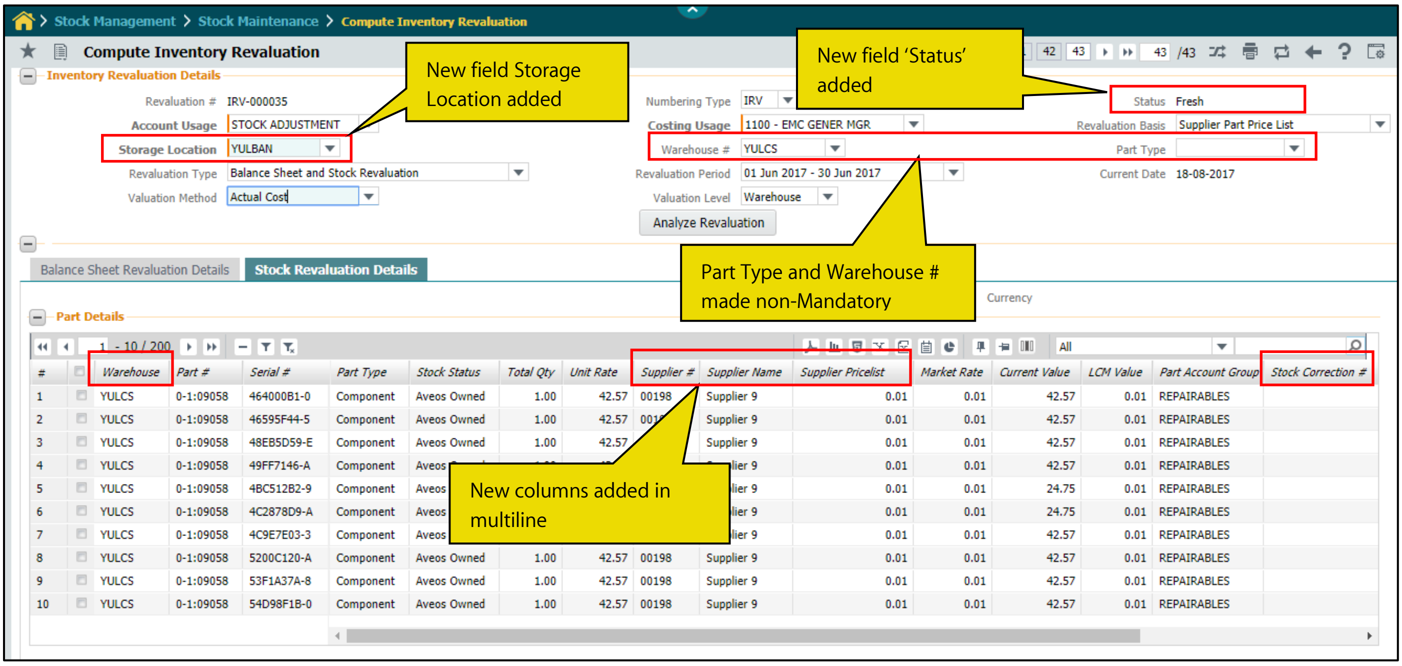
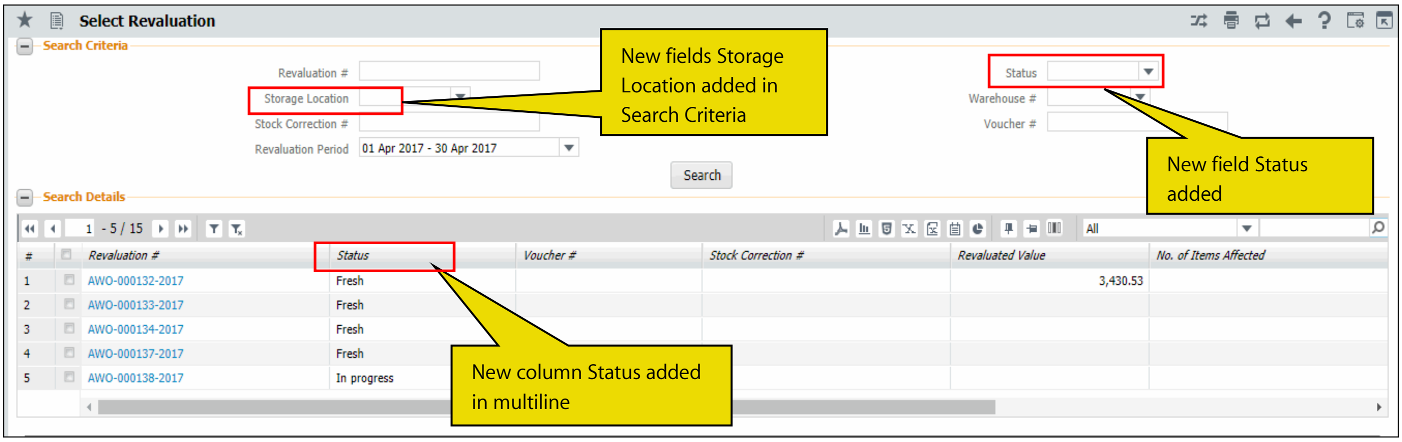


Exhibit 2: Identifies the controls added in **Edit / View Inventory Revaluation** screen



Ability to display annual consumption details for kit constituents parts

Reference: AHBG-17980

Background

Currently, when a non-returnable build kit is issued, then system will automatically update the consumption quantity for the kit part alone. Ideally kit part consumed means kit constituents will also be considered as consumed. But, there is no such provision to update consumption quantity against a kit constituent part when a kit part is consumed. Hence there is a requirement is to update the consumption quantity of kit constituent whenever kit part is consumed.

Change Details

Kit constituent part consumption qty should be shown for kit constituents in the **View Part Supply Chain Performance** screen when the non-returnable build kit part is issued.

Example: Two kit constituents (KS1, KS2) with multiple Qtys are used to build the non-returnable kit part.

Build Kit Details:

Kit Part	*Kit Part Qty*	*Kit Constituents*	*Constituent Qty*
KIT1	*1*	*KS1*	*2*
KIT1	*1*	*KS2*	*3*

When a non-returnable kit part (KIT1) is issued against Maintenance or General Issue document, then consumption quantity of the each constituent should be displayed as follows:

Kit Constituent	*Consumed Qty*
KS1	*2*
KS2	*3*

Note: When a kit constituent part is returned as an excess Return in the later time, then consumption qty of the kit constituent part that is updated should be reversed.

For returnable kit parts (build kit), consumption quantity of the kit constituents should not be shown in Part Supply Chain Performance.

Ability to display Mfr. Lot # along with Internal Lot # for traceability in transactions (Phase-2)

Reference: AHBG-15282

Background

Currently in Ramco M&E, if a lot controlled part is moved from its respective warehouse-zone-bin or zone-bin or bin, system generates new internal lot # for better identification. However, in this process, it will become tedious to track the part through internal lot # as it keeps on changing on Part's movement. Hence, business requirement is to display Manufacturer Lot # along with internal lot # in transactions and reports for better traceability of the part. This feature enhances usability to a greater extent.

Change Details

To address the above business need, a display only control 'Manufacturer Lot #' is added in the following screens:

- Edit Serial# / Lot# Details (Edit Intra Warehouse Stock Transfer)
- Edit Serial# / Lot# Details (Edit Inter Warehouse Stock Transfer)
- Record Shipping Note
- View Shipping Note
- Enter Physical Inventory Count Results
- Edit Serial #/Lot #/Condition Details (Edit Stock Conversion)
- View Serial #/Lot #/Condition Details (View Stock Conversion)
- Create Repair Order
- Edit Repair Order
- View Repair Order
- View Loan or Rental Receipt

Exhibit 1: Identifies the display of 'Manufacturer Lot #' in **Edit Serial # / Lot # Details (Edit Intra Warehouse Stock Transfer)** screen.

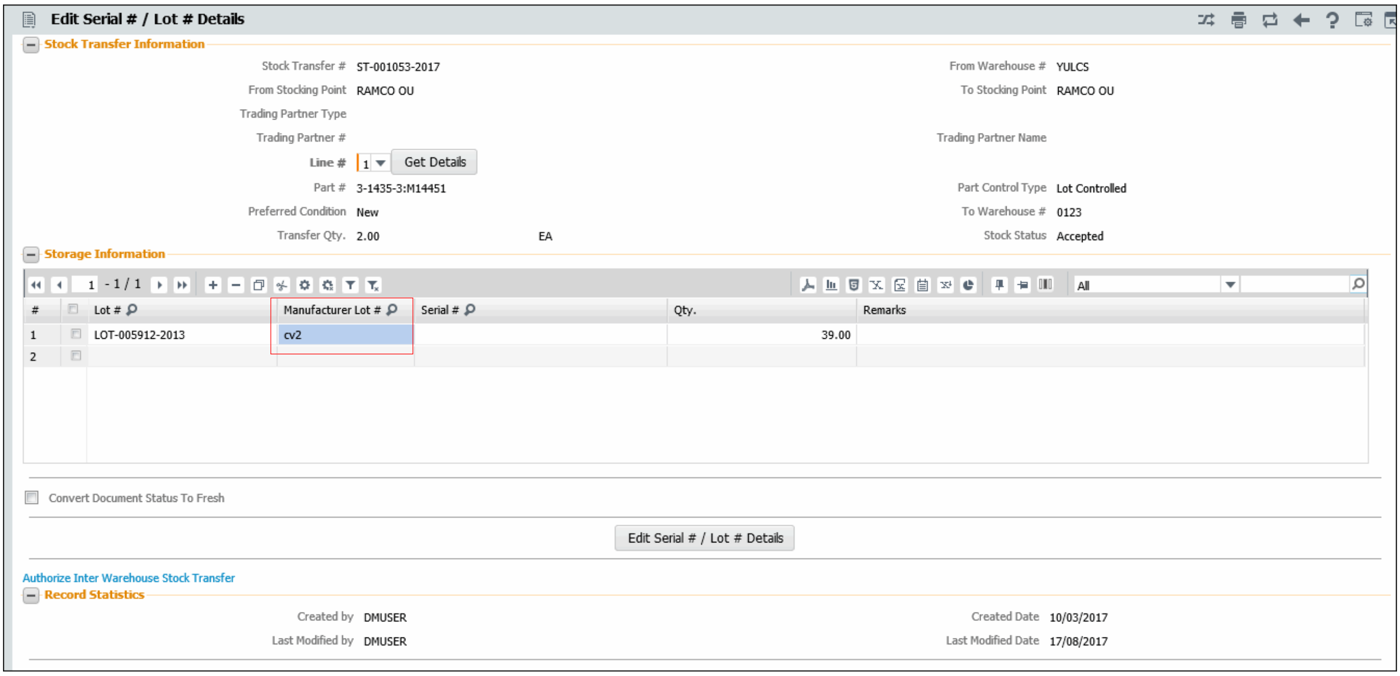


Exhibit 2: Identifies the display of ‘Manufacturer Lot #’ in **Record Shipping Note** screen.

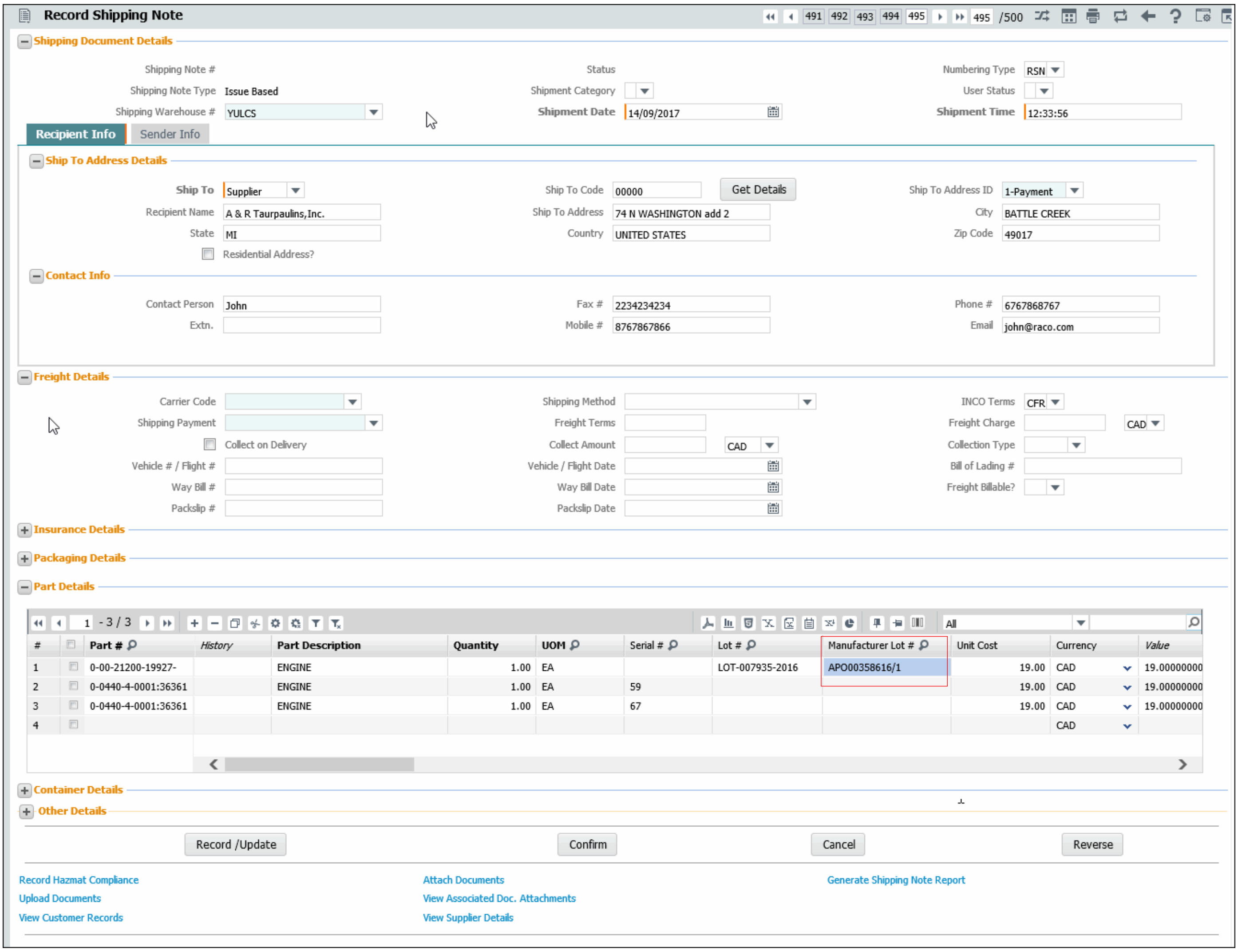


Exhibit 3: Identifies the display of ‘Manufacturer Lot #’ in **View Serial # /Lot # /Condition Details (View Stock Conversion)** screen.

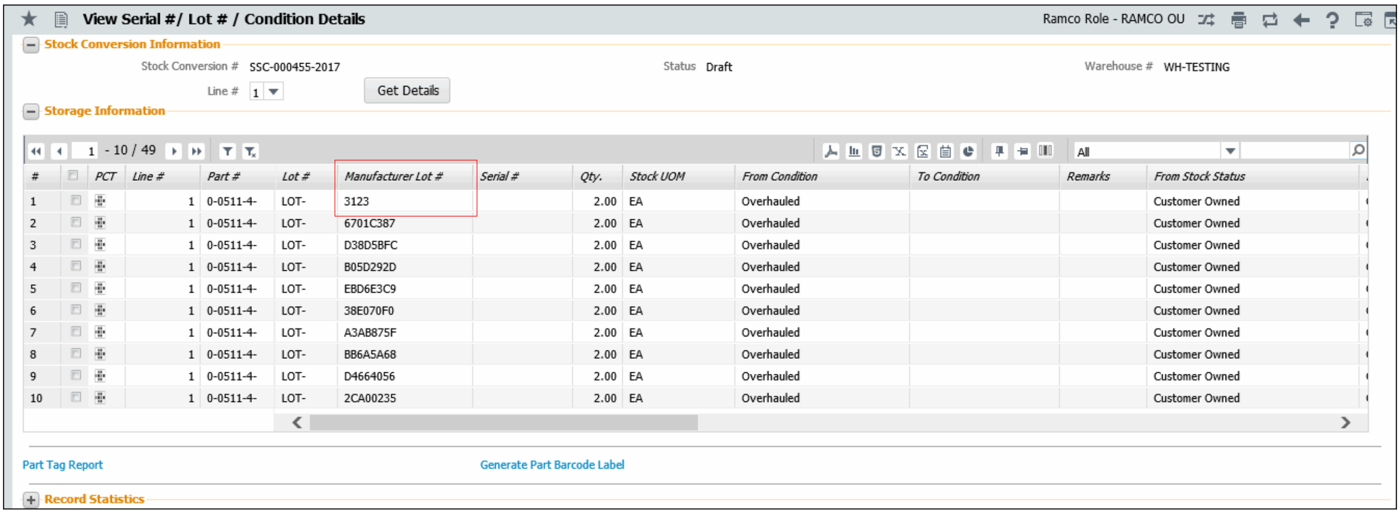
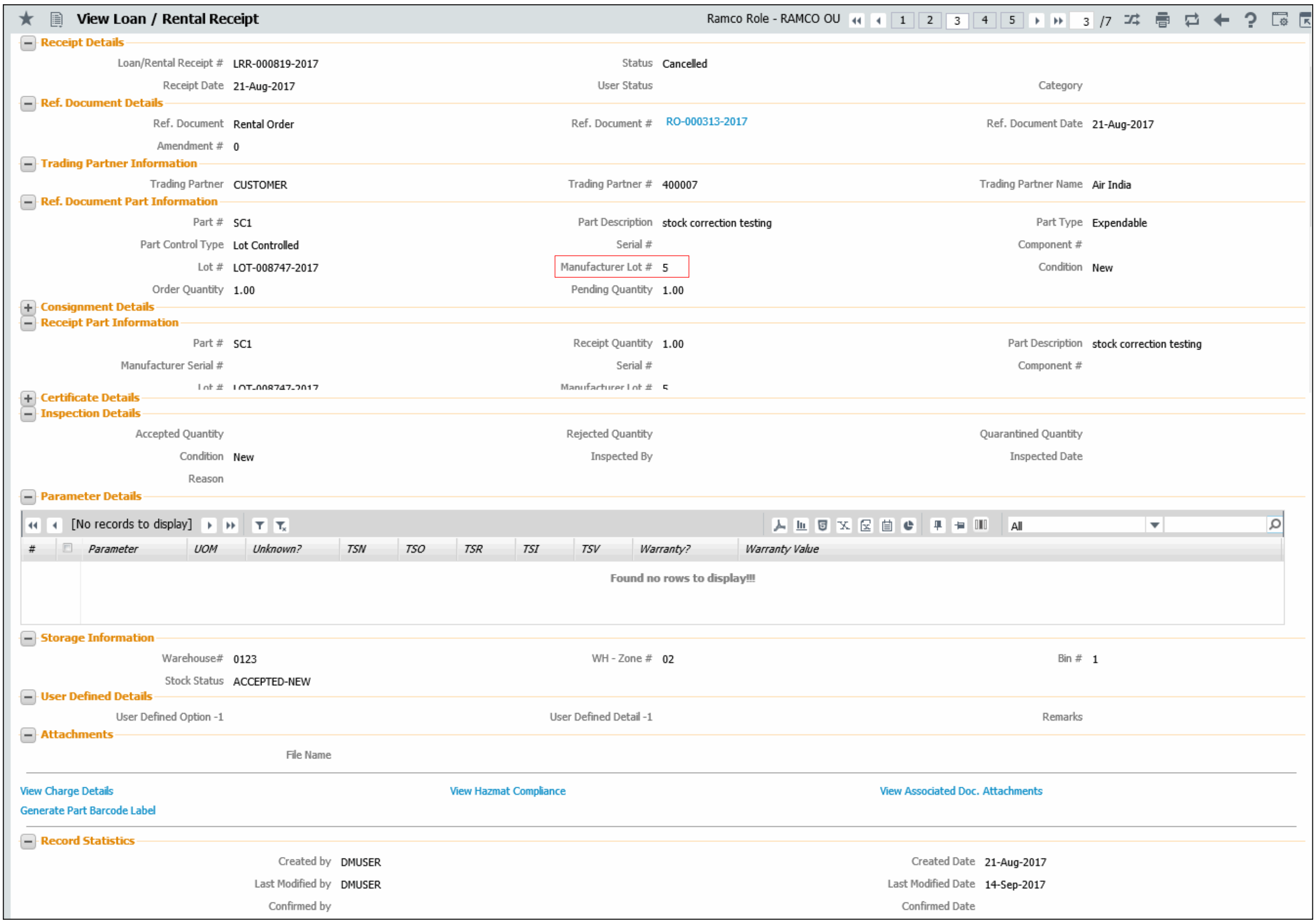


Exhibit 4: Identifies the display of 'Manufacturer Lot #' in **View Loan or Rental Receipt** screen.



WHAT'S NEW IN WARRANTY MANAGEMENT?

Ability to Setup MRO Warranty Agreement

Reference: AHBG-17004

Background

An MRO organization offers warranty to the customers when the parts are sold or serviced by them or maintains the warranty documents offered by the OEMs to its customers, as an authorized vendor for the OEM. This Enhancement provides the ability to setup MRO warranty agreement with the customer, and maintain the warranty information for parts covered under part sale or service sale agreements and also the warranty extended by OEM. The enhancement provides the following features:

- Ability to define MRO warranty agreement with the following information
  - Parts covered under Warranty
  - Warranty details including the Warranty Type, Duration, warranty applicability based on the customer, aircraft model from which the part is removed and sent, etc.
  - Aircraft Model or Aircraft Tail #s which are covered in the Warranty agreement
  - Customers for whom the warranty agreement is valid
  - General Inclusion and Exclusions
  - Customer who should be back billed under the warranty agreement
- Ability to have a register of the Part-Serial/Lot #s offered under warranty to the customers

Change Details

1. A new business component **MRO Warranty** is introduced under the **Warranty** business process with the following new activities / screens:
   - A new activity **Manage MRO Warranty Agreement** to setup MRO Warranty agreement.
   - A new help screen **Help on MRO Warranty Agreement** to retrieve the MRO warranty agreements.
   - **Manage Parts under MRO Warranty** (Refer to the section 'Ability to Manage Parts under MRO Warranty' for more details**).**
2. A new transaction 'MRO Warranty Agreement' has been defined under **MRO Warranty** business component in **Warranty** function area in **Maintain Numbering Privileges** screen under the **Document Numbering Class** business component.
3. New quick code types "MRO Warranty Category", "MRO Warranty User Status", "MRO Warranty Program Type" have been added in the **Create Quick Codes** and **Edit Quick Codes** activity of the **Warranty** business component.

<u>**Manage MRO Warranty Agreement – Agreement Details**</u>

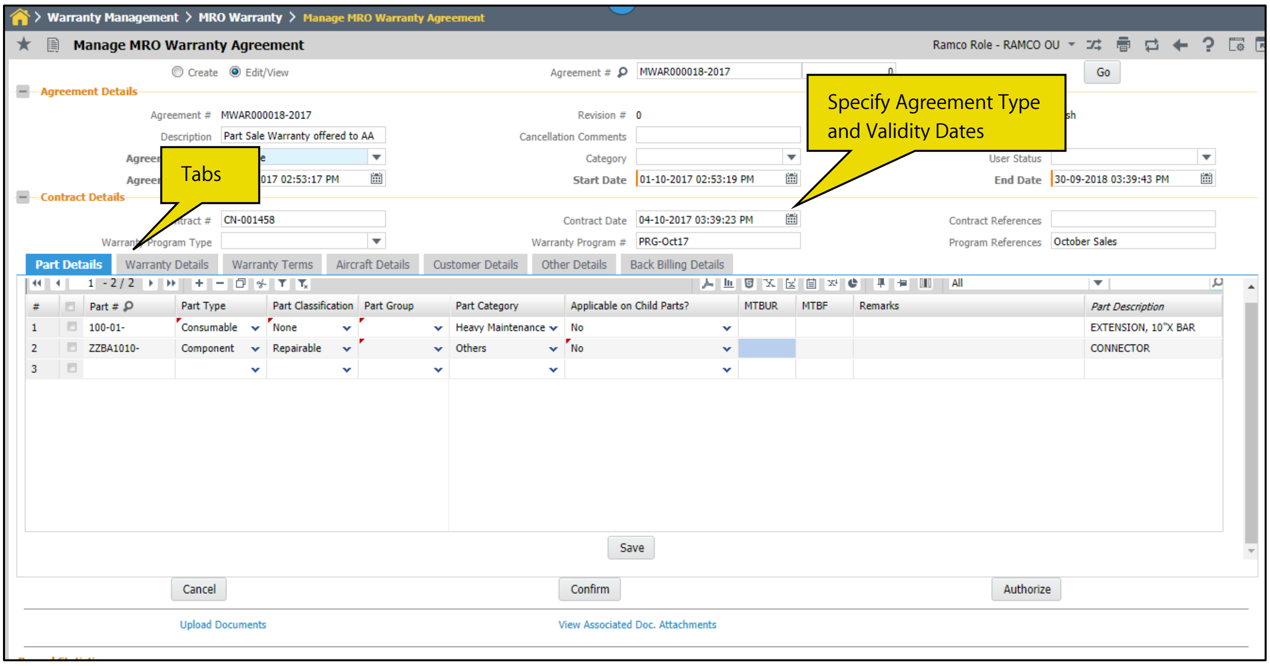
A new activity **Manage MRO Warranty Agreement** enables to define the Agreement information including Agreement Description, Agreement Date and Agreement Validity dates and provides different tabs to identify various elements of the Warranty Agreement.

9. Select the **Create** radio button to create the MRO warranty agreement or **Edit / View** radio button to modify or view the MRO warranty agreement.
10. Specify the **Agreement Type** as one of the following:

- OEM Warranty – Indicates that MRO maintains warranty offered by OEM to its customers, MRO being authorized vendor to the OEM.
- Part Sale – If MRO offers warranty to customers for parts sold by them
- Service Sale – If MRO offers warranty for parts serviced by them

11. Specify the **Agreement Date** and **Start Date** / **End Date** (Agreement Validity period).
12. The screen provides various tabs to identify and save the Parts covered under the Warranty Agreement, Warranty details, Warranty Terms, aircraft Details, customer details, inclusion / exclusion terms against the warranty agreement and back billing details.
13. Once the details in the Part Coverage Details, Warranty Details and Warranty Terms are saved, the warranty agreement can be confirmed and authorized.
14. Cancellation of the agreement will be supported when the document is in 'Draft' or 'Fresh' status.
15. If an authorized document is modified, then a new revision will be generated. Once the new revision is authorized, the old revision will go to 'Revised' status.

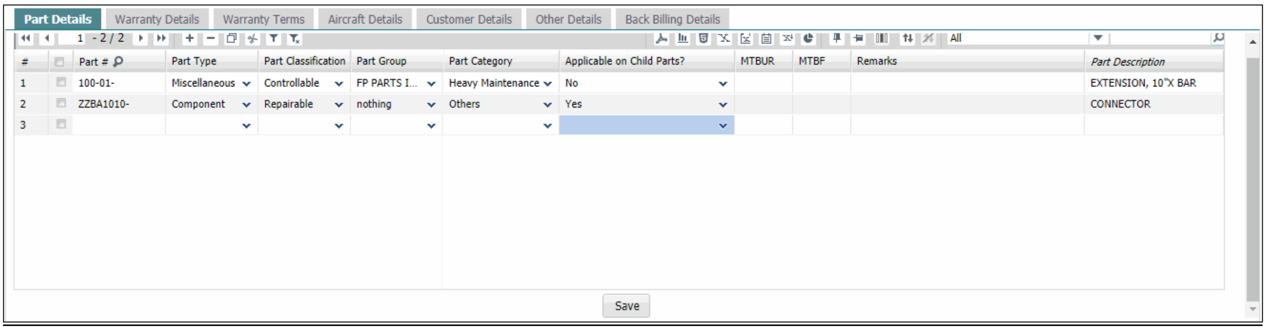
Exhibit 1: Identifies the **Manage MRO Warranty Agreement** screen



Manage MRO Warranty Agreement – Part Details tab

The **Parts Details** tab in the **Manage MRO Warranty Agreement** enables identifying the parts covered under the Warranty Agreement. Parts covered under the agreement can be mentioned individually or through Part Type, Classification or Group. Once the part details are saved, the system generates a Warranty Agreement # in ‘Draft’ status with the default numbering type mapped for the transaction 'MRO Warranty Agreement' in the **Document Numbering Class** business component, in Create Mode.

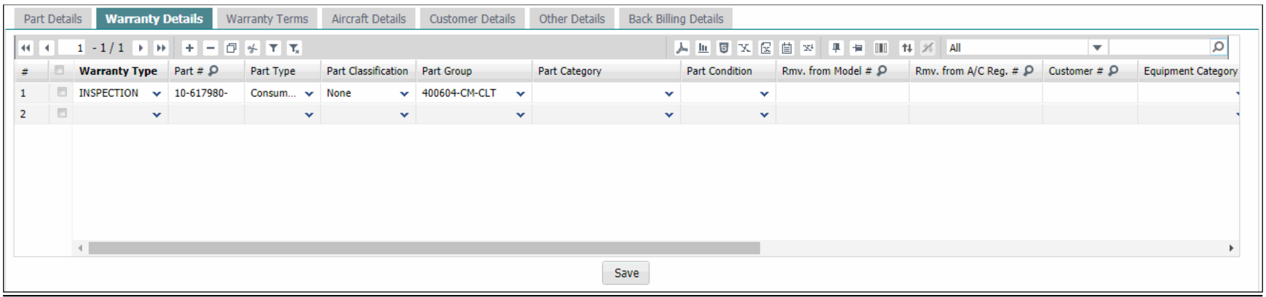
Exhibit 2: Identifies the **Part Details** tab in **Manage MRO Warranty Agreement** screen



Manage MRO Warranty Agreement – Warranty Details tab

The **Warranty Details** tab allows identifying the combination of the Part - Customer - A/C attributes covered under the warranty agreement. Details like Warranty Type, Part Group, Part Type, Part Classification, Customer #, Warranty Duration, Parameter details, Warranty begins on (Shipment Date, Certificate Date, Mfr. Date, A/C Induction Date, A/C Operation Date) etc. can be recorded in this tab.

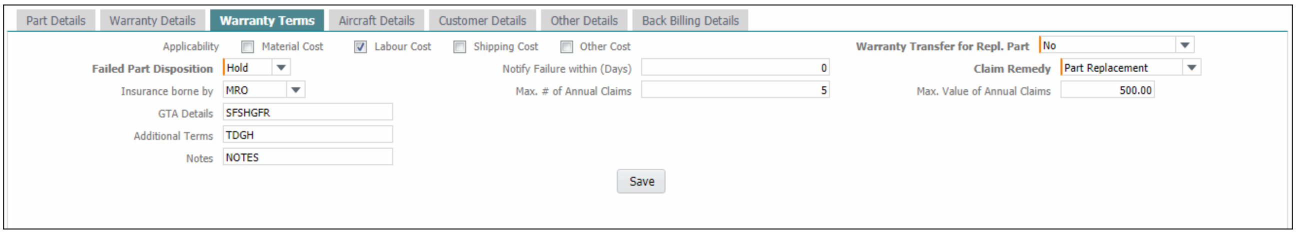
Exhibit 3: Identifies the **Warranty Details** tab in **Manage MRO Warranty Agreement** screen



Manage MRO Warranty Agreement – Warranty Terms tab

The **Warranty Terms** tab identifies the terms of Warranty offered like the Claim Remedy, Costs covered under warranty, Failed part disposition, etc. Once warranty terms are saved the agreement change to 'Fresh' status.

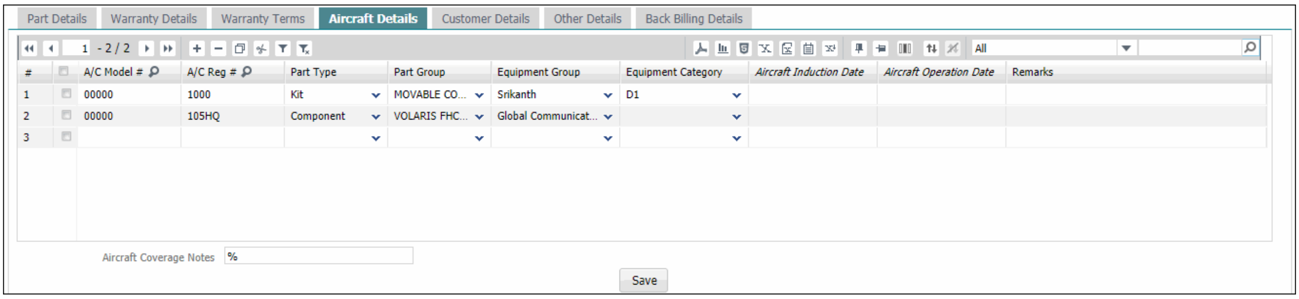
Exhibit 4: Identifies the **Warranty Terms** tab in **Manage MRO Warranty Agreement** screen



Manage MRO Warranty Agreement – Aircraft Details tab

The **Aircraft Details** tab helps in identifying various aircrafts for which the warranty agreement is valid. This tab can save the information at Aircraft Model or at Aircraft Reg. # level. If the Aircraft Model # or Aircraft Reg. # is mentioned here, then the document is valid only for the work done against AME in the mentioned Aircraft model or Aircraft reg. #.

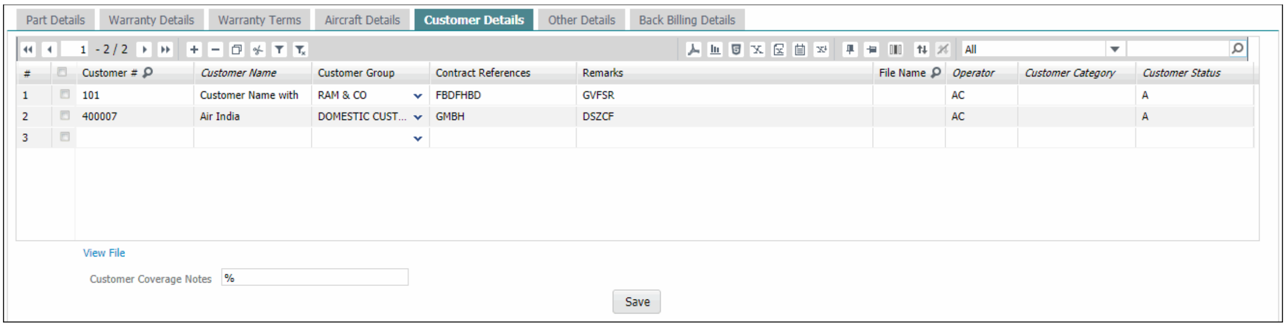
Exhibit 5: Identifies the **Aircraft Details** tab in **Manage MRO Warranty Agreement** screen



Manage MRO Warranty Agreement – Customer Details tab

The **Customer Details** tab identifies various customers for whom the warranty agreement is valid. This tab can save the information at Customer # or at Customer Group level. If the Customer Group or Customer # is mentioned here, then the document is valid only for the work done against AME/SWO raised for Components/Aircraft mapped to that customer.

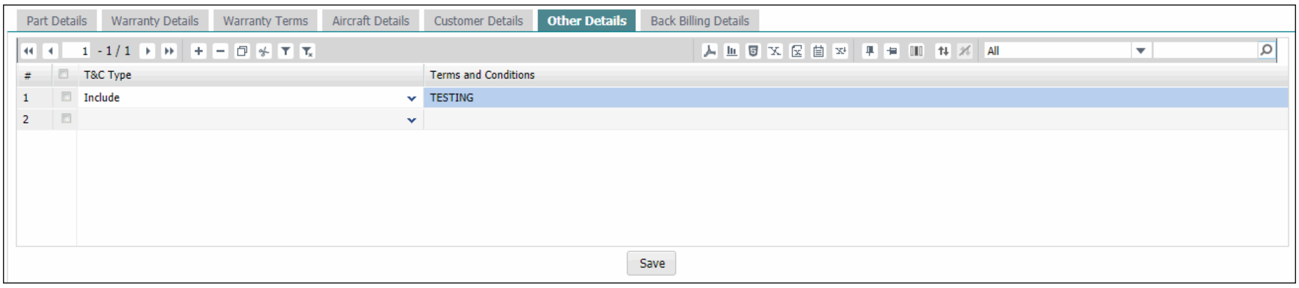
Exhibit 6: Identifies the **Customer Details** tab in **Manage MRO Warranty Agreement** screen



Manage MRO Warranty Agreement – Other Details tab

The **Other Details** tab defines the general inclusion and/or exclusion terms against an MRO warranty agreement.

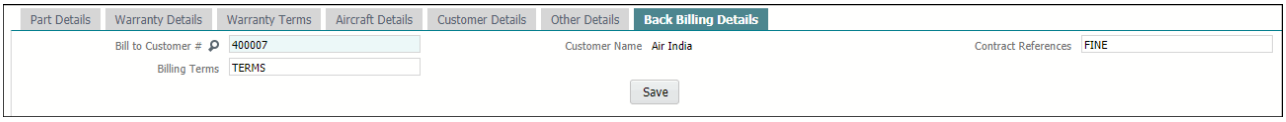
Exhibit 7: Identifies the **Other Details** tab in **Manage MRO Warranty Agreement** screen



Manage MRO Warranty Agreement – Back Billing Details tab

The **Back Billing Details** tab enables identifying the Customer # to whom the back billing should be done, whenever warranty orders are processed.

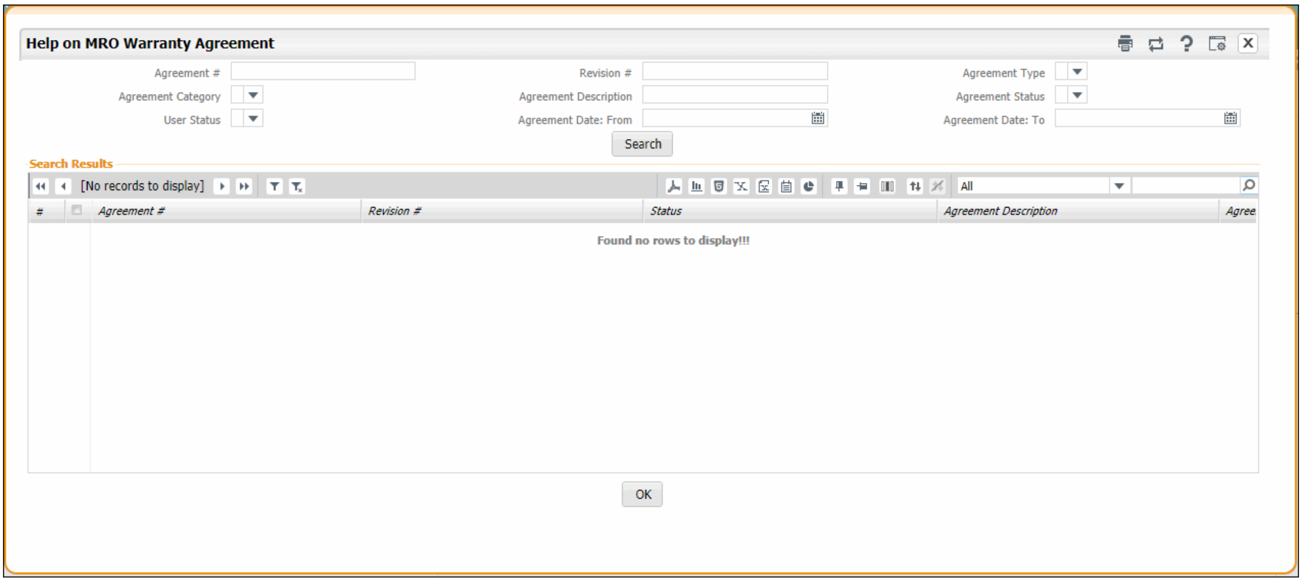
Exhibit 8: Identifies the **Back Billing Details** tab in **Manage MRO Warranty Agreement** screen



Help on MRO Warranty Agreement

A new help screen **Help on MRO Warranty Agreement** is provided in the MRO Warranty Agreement screen to retrieve the MRO warranty agreements.

Exhibit 9: Identifies the **Help on MRO Warranty Agreement** screen



Ability to manage parts under MRO Warranty

Reference: AHBG-17078

Background

This enhancement provides the ability to update the Part-Serial/Lot #s under warranty against different agreements and search for the various Part-Serial/Lot #s under the warranty. Provision to activate and/or inactivate the warranty instances is also supported. The warranty instances can be setup automatically during the following scenarios:

- Confirmation of Unplanned Issue against a Customer Order document (after work completion).
- Confirmation of General Issue raised against a Part Sale Order.
- Confirmation of Inspection for a Goods Receipt raised against a dropship purchase order raised to fulfil the need of a Part Sale Order.
- Confirmation of Maintenance Issue against the Exchange Order raised against a Work Order or Repair Order.

Change Details

In order to meet the above business requirement, the following changes are done.

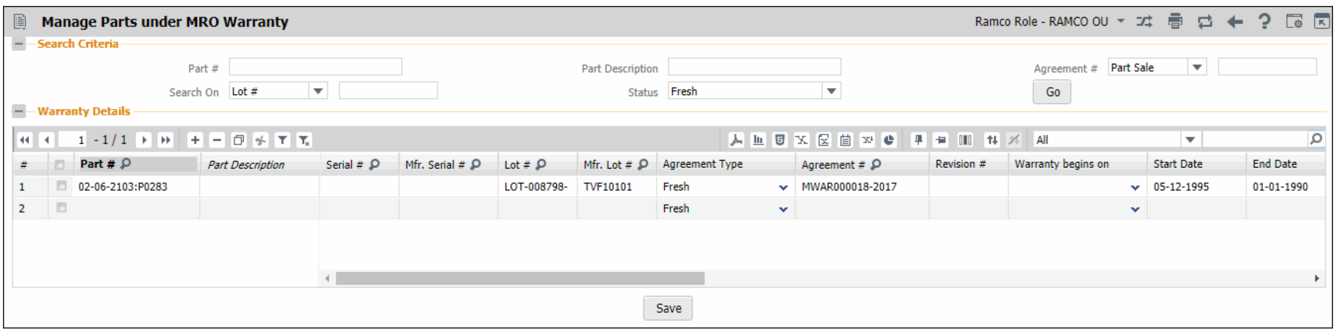
1. A new activity **Manage Parts under MRO Warranty** is introduced under the **MRO Warranty** business component, to meet the above business requirement.
2. A new transaction 'Warranty Instance' has been defined under **MRO Warranty** business component in **Warranty** function area in **Maintain Numbering Privileges** screen under the **Document Numbering Class** business component.

Manage Parts under MRO Warranty

This **Manage Parts under MRO Warranty** activity allows you to update the Part-Serial/Lot #s offered under warranty and search for the various Part-Serial/Lot #s under the warranty. You can provide the search criteria to retrieve the Part-Serial/Lot #s or enter the Part-Serial/Lot # details directly in the multiline.

You can update / retrieve details like Part-Serial/Lot #, Agreement Type, Agreement #, warranty beginning date, warranty validity dates, parameter applicable for the warranty, etc. The Agreement # in the multiline is help-enabled which launches the **Help on MRO Warranty Agreement** to retrieve the MRO warranty agreements. On save, the system generates the Warranty Instance in 'Fresh' status.

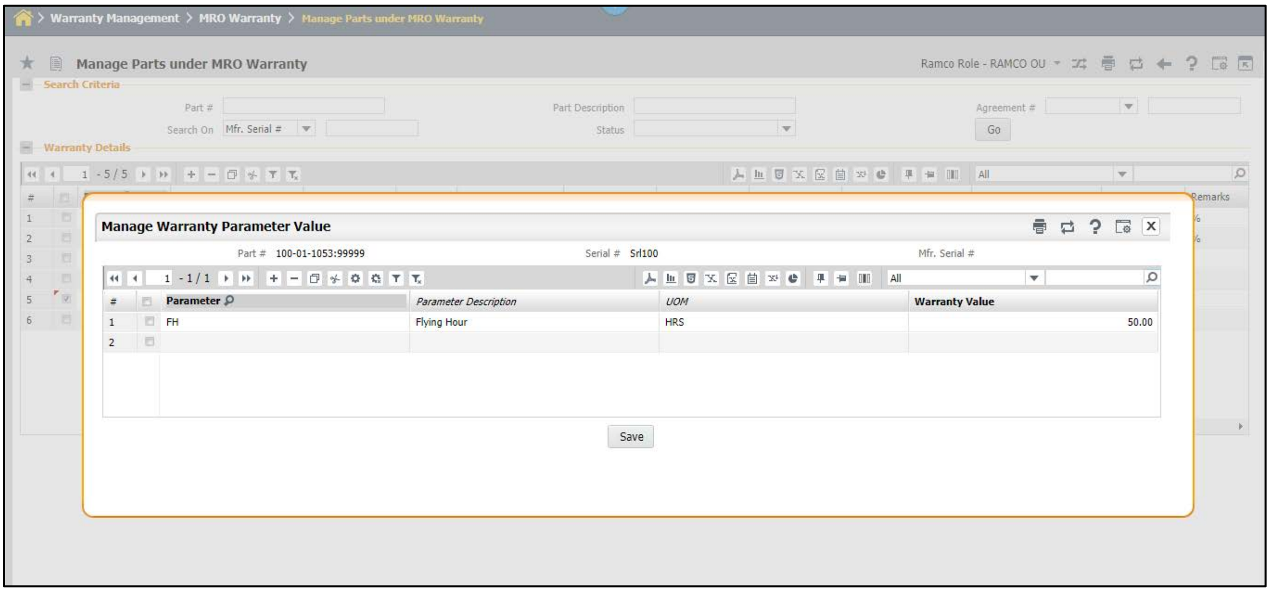
Exhibit 1: Identifies the **Manage Parts under MRO Warranty** screen



Manage Warranty Parameter Value pop-up

The Parameter field in the multiline of the **Manage Parts under MRO Warranty** screen is hyperlinked to launch the **Manage Warranty Parameter Value** pop-up. This pop-up enables you to update the required parameter details like Parameter value, description and warranty value for the warranty.

Exhibit 2: Identifies the **Manage Warranty Parameter Value** pop-up



Note: This feature involves commercials and is not available for all customers. Please contact your Ramco Account Manager.

WHAT'S NEW IN PURCHASE ORDER AND REPAIR ORDER?

View Approval History in Authorize and View PO

Reference: AHBG-16021

Background

Buyer creates a Purchase Order with the required items and quantity and based on various parameters, the system routes the PO document to respective authorizer based on the workflow configuration. Buyer views the authorization status of the Purchase Order and follows-up with the authorizers so that the order can be released to the supplier at the earliest. For knowing the current authorizer, the buyer is now required to navigate to a completely different screen in workflow management business process. Also, there could be some remarks the authorizers would wish to update against the Purchase Order during authorization. Currently, there is no provision to capture this authorization remarks. This enhancement provides the ability to view the authorization trail of a Purchase Order and also the provision to update the authorization remarks.

Change Details

A new column 'FLG' is added in the multiline of the select screens of **Authorize Purchase Order** activity and **View Purchase Order** activity. On clicking the icon available in this column, 'Approval History' screen will be launched and this screen will display the authorization trail of the Purchase order selected. This screen displays the details like the Purchase Order # to be authorized, levels of authorization and the corresponding Authorizer details, Date of authorization, Authorization status and Comments (if any). Also, mail can be opened from the approval history pop-up by clicking the mail icon next to the user.

Note:

- *If a workflow profile is associated for a given level of authorization, then*
    - *The user displayed will be the login user (if the user is a part of the workflow profile for that level) or the first user in that workflow profile.*
    - *The other users in the workflow profile can be viewed by clicking the icon next to the user name.*
- *The details of the workflow path taken can be viewed by clicking the number available in the Level column.*
- *If workflow based authorization is not enabled, then it shall display a blank multiline.*

Exhibit 1: Identifies the select screen of **Authorize Purchase Order** activity.

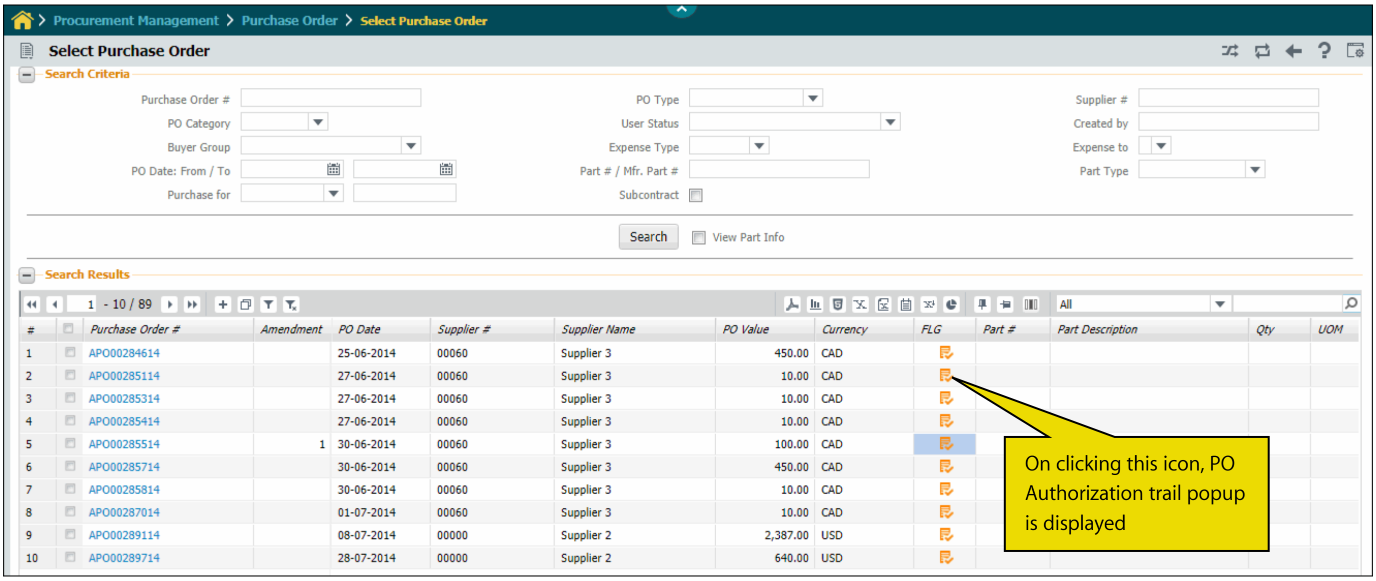
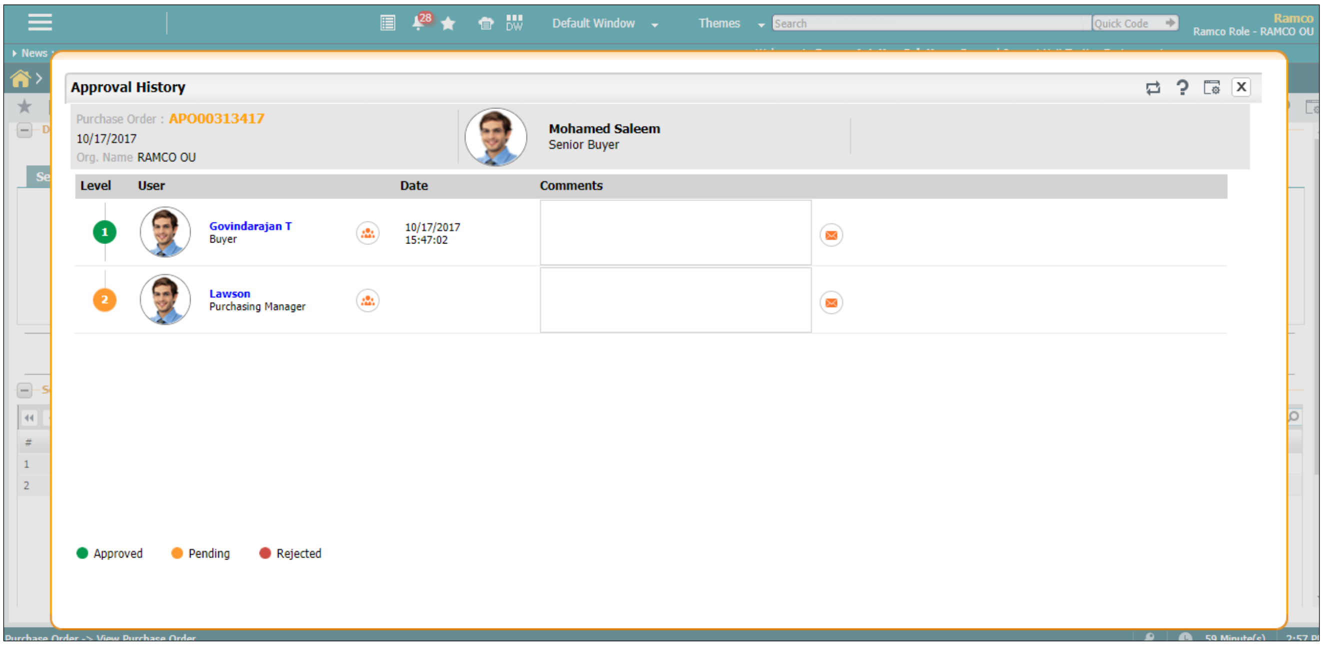


Exhibit 2: Identifies the **Approval History** displayed in PO



View Approval History in Authorize and View RO

Reference: AHBG-16224

Background

This enhancement provides the ability to view the approval history of a repair order from the Authorize Repair Order and View Repair Order screens. It also provides the provision to take the authorization remarks provided by a user.

Change Details

A new column 'App. His.' is added in the multiline of the select screens of **Authorize Repair Order** activity and **View Repair Order** activity. On clicking the icon available in this column, 'Approval History' screen will be launched and this screen will display the authorization trail of the Repair Order selected. The screen also displays the Authorization date, Authorization status, Authorizer information and authorization comments similar to the one displayed in PO.

Exhibit 1: Identifies the select screen of **View Repair Order** activity.

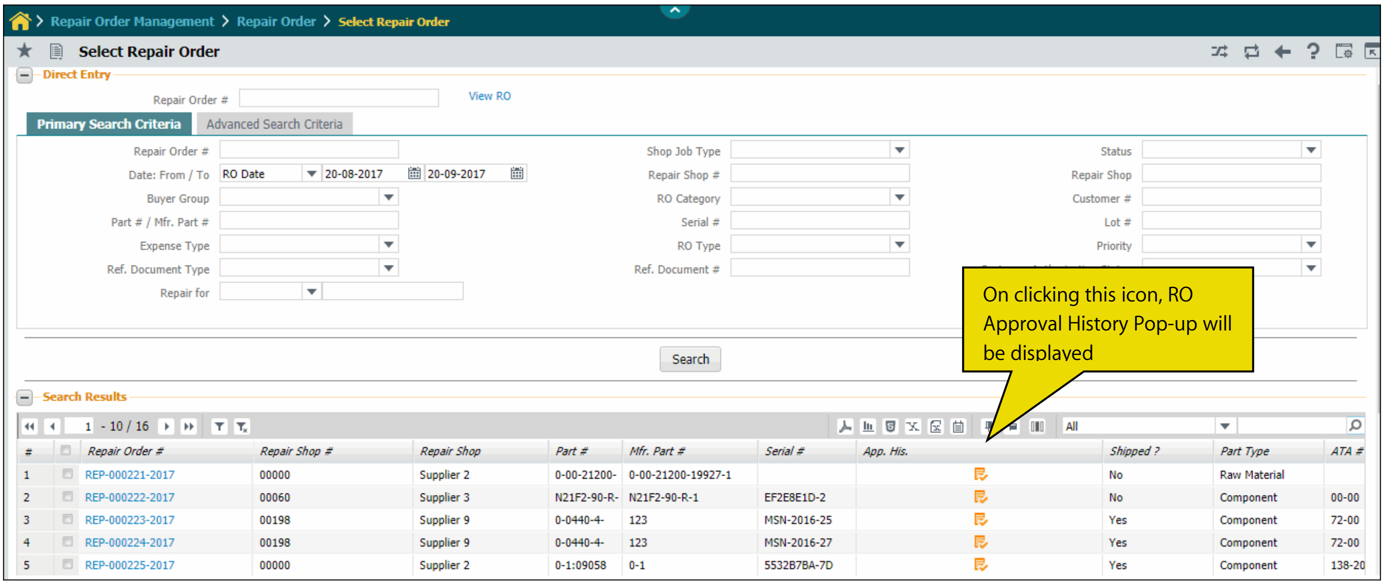
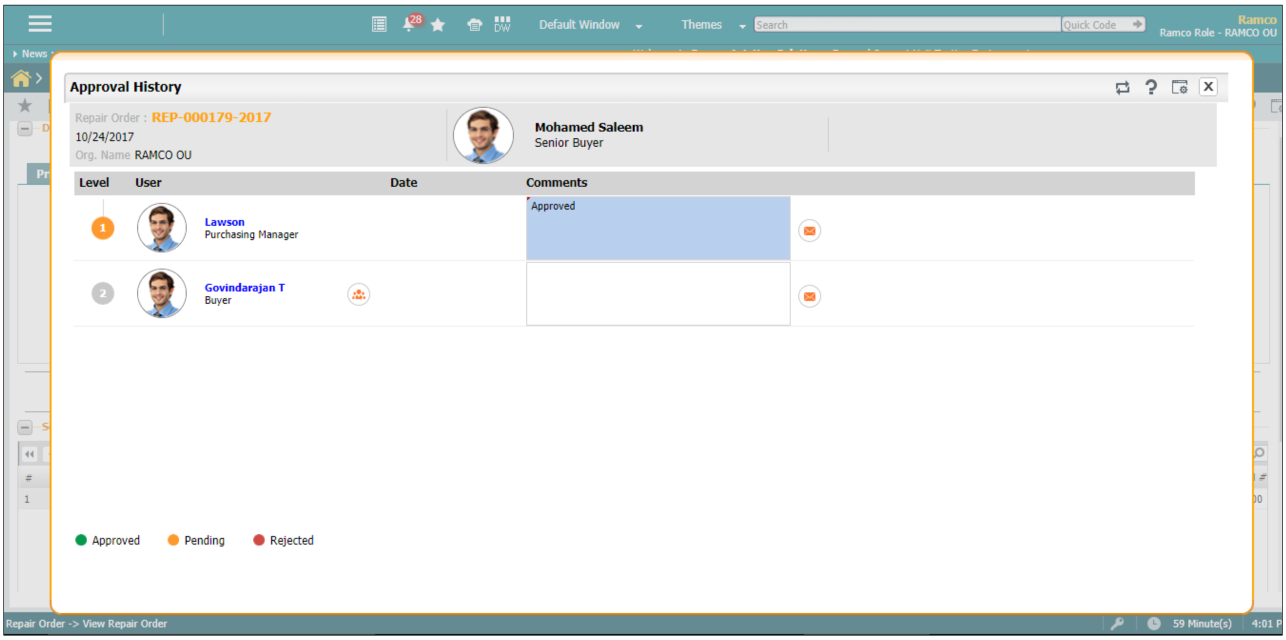


Exhibit 2: Identifies the **Approval History popup** displayed for RO



Ability to manage taxes in Repair Order at RO Quote line level and support Indian GST

Reference: AHBG-14228

Background

Currently in Repair Order, there is a provision to capture the tax at document level only. But there is no provision to capture the Taxes at Quote Line level (i.e. Part). Hence there is a requirement to capture the Tax at Quote Line level and also modify the taxable amount while recording Document and Quote Line # / Part # TCDs in Repair Order.

Change Details

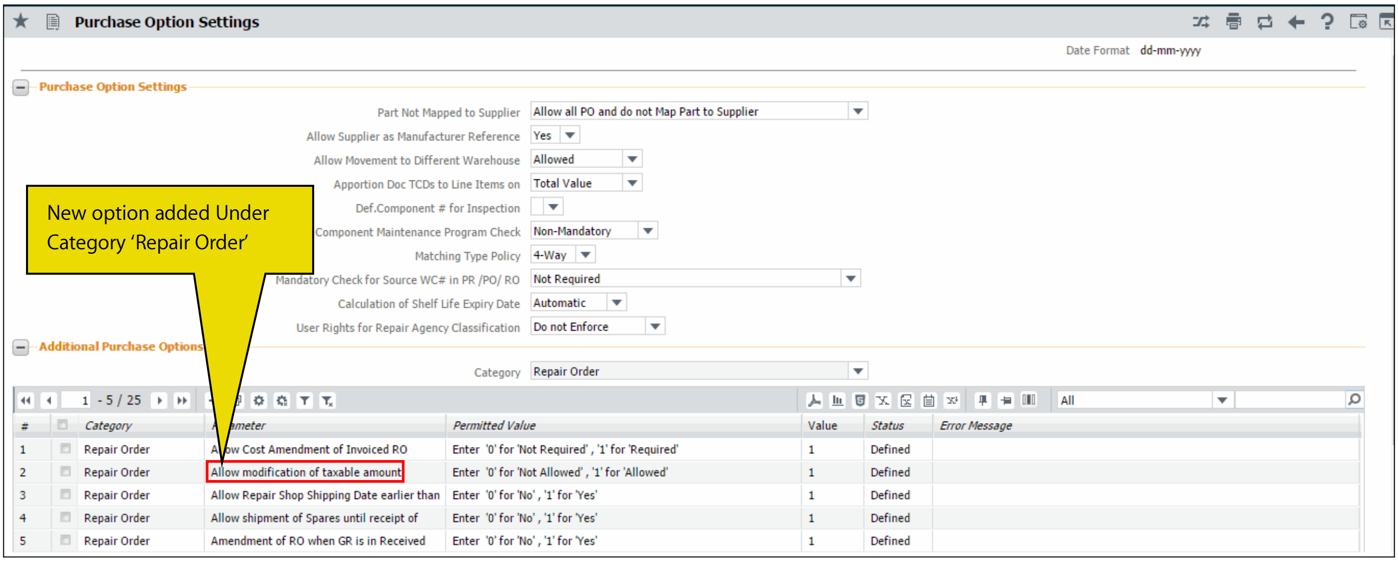
This enhancement allows recording TCDs at Quote Line level and also modifying the taxable amount while recording Document and Quote Line # / Part # TCDs. The total tax amount is displayed in **Manage Repair Quote** in order currency and base currency. This is facilitated through the below changes:

Logistics Common Master

A new set option is added under the Category 'Repair Order' in the **Purchase Option Settings** activity of the **Logistics Common Master** business component.

- 'Allow modification of taxable amount?' provides the following options:
  - Allowed - User will be allowed to modify the Taxable amount in Edit TCD screen.
  - Not Allowed - System will not allow user to enter or modify the Taxable amount in Edit TCD screen.

Exhibit 1: Identifies the option setting defined in **Purchase Option Settings** screen



Repair Order

The following changes have been made in the **Repair Order** business component.

Edit TCD and **View TCD** screens:

1. The existing combo 'Matl Line #' has been renamed as 'Quote Line # / Part #'.

2. The 'TCD Mode' drop-down lists the additional value 'Quote Line # / Part #' along with the existing value 'Document' in the Search Criteria.
   - If TCD Mode is selected as 'Document' in **Edit TCD** screen, the system retrieves and displays all the saved records for the Document TCD with TCD Mode as 'Document', Quote Line # / Part # as 'Blank' and Taxable amount as 'Total Repair cost of all lines' along with other values for respective records in the multiline (if available). (*Existing Logic*)
   - If the TCD Mode is selected as 'Quote Line # / Part #', the retrieves and displays all the saved records for the Quote Line TCD with TCD Mode as 'Quote Line #/Part #' and Quote Line # / Part # as 'respective quote line reference' and Taxable amount as 'Repair cost of respective line selected in the Quote Line #/Part #' along with other values for respective records in the multiline (if available).
3. Search criteria has been modified from 2 column approach to 3 column approach.
4. New drop-down list boxes 'TCD Mode' and 'Quote Line # / Part #' and an editable control 'Taxable Amount' have been added in 'TCD Information' multiline. (These are display only controls in **View TCD** screen).

Manage Repair Quote screen:

5. Two new tiles 'Total TCD Amount' and 'Total TCD Amount (Base Curr.)' have been added in 'Repair Cost Details' tile section.

<u>TCD Amount Calculation Logic</u>

With the introduction of new value 'Quote Line # / Part #' in TCD, TCDs can be recorded now at each Repair part level based on tax inheritance logic. The TCD amount is calculated based on the following logic:

1. If TCDs are recorded / modified and if TCD Mode is selected as 'Document', and if user has not entered taxable amount, then on save, **TCD Amount** is computed on the RO Total Cost (*Total Repair Cost + Total Exchange Fee + Total BER Cost - Total Salvage Cost*). Also the system displays the Taxable Amount as the RO Total Cost and TCD Amount on page refresh.

2. If TCDs are recorded / modified and if TCD Mode is selected as 'Quote # / Line #', and if user has not modified taxable amount, then on save, the **TCD Amount** is computed on the RO Total Value for the selected Quote # / Line # (*Repair Cost + Exchange Fee + BER Cost - Salvage Cost* for the selected line). The system displays the Taxable Amount corresponding to the Quote # / Line # on selection of 'Quote Line # / Part #' combo.

   Note: If user has entered / modified the taxable amount, then on save, the TCD Amount is computed on the user modified Taxable Amount.

<u>TCD Difference Amount Calculation Logic</u>

If RO is amended and Repair Cost is modified, the system updates the Taxable amount available in the **Edit TCD** screen as the modified RO Cost and then post the TCD diff. amount on save based on the following logic:

1. If TCD Mode is set as 'Document' and if user has not entered the Taxable amount, the TCD Amount is recomputed based on the revised taxable amount and the diff. TCD amount (i.e. +ve or -ve) is posted appropriately.

2. If TCD Mode is set as 'Quote Line # / Part #' and if user has not entered the Taxable amount corresponding to the Quote Line # / Part #, the the TCD Amount is recomputed based on the revised taxable amount for the Quote Line # / Part # and the diff. TCD amount (i.e. +ve or -ve) is posted for the Quote Line # / Part # by apportioning the cost to all qty appropriately.

Tax Inheritance Logic at line level

Based on TCD Code, Tax Region from, Tax Region to and other parameters like Part Group, Supplier Group, Warehouse Group, Document Type and Document Sub Type, Tax Inheritance happens at line level.

Example: Consider that tax rules are defined as per the below table.

S.No	Part Grp	Sup Grp	Doc Type	Doc Sub	Wh Grp	Applied on?	Tax Region From	Tax Region To	Eff From	Eff To	Order of Pref	Tax	Var
1.	PGrp 1	SGrp 1	RO	Normal	WhGrp 1	Doc	TN	AP	17/02/15	20/02/15	3	SGST1	V1
2.	PGrp 1					Doc			17/02/15	20/02/15	1	SGST2	V2
3.	PGrp 1	SGrp 1				Doc	AP	KA	17/02/15	20/02/15	4	CGST 3	V3
4.	PGrp 2	SGrp 1	RO	Normal	WhGrp 1	Doc	TN	KA	17/02/15	20/02/15	2	SGST4	V4
5.	PGrp 1	SGrp 1	RO	Normal		Doc	KA	TN	17/02/15	20/02/15	6	SGST2	V5
6.	PGrp 1	SGrp 1	RO	Normal		Doc	TN	TN	17/02/15	20/02/15	5	IGST1	V6

When a RO is created with one part and if the parameters determined from RO are "PGrp1, SGrp1, RO, General and WhGrp1" then we find an exact match on 'S.No: 1' and it should consider inheriting T1 and V1 as TCD. In case if 'S. No: 1' is not available then it should check if there are any 4 parameter match i.e., 'S.No: 5 & 6' are matching. Tax Type of the Tax Rules are same, so the one with least order of preference i.e., 5 is considered in this case.

Exhibit 2: Identifies the changes in **Edit TCD** screen in **Repair Order** business component

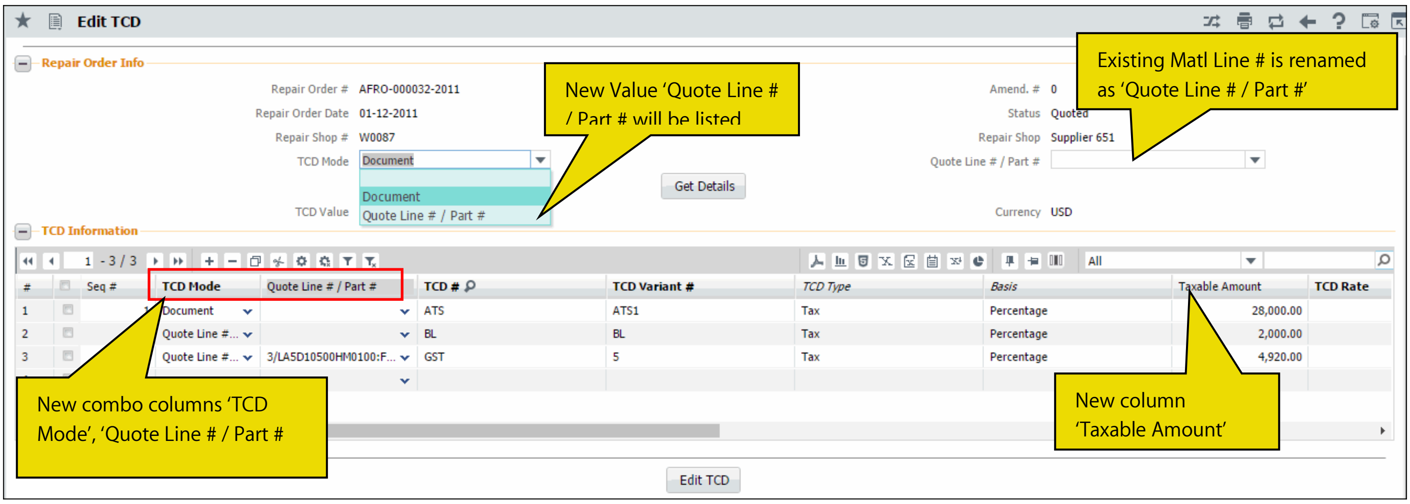


Exhibit 3: Identifies the changes in **View TCD** screen in **Repair Order** business component

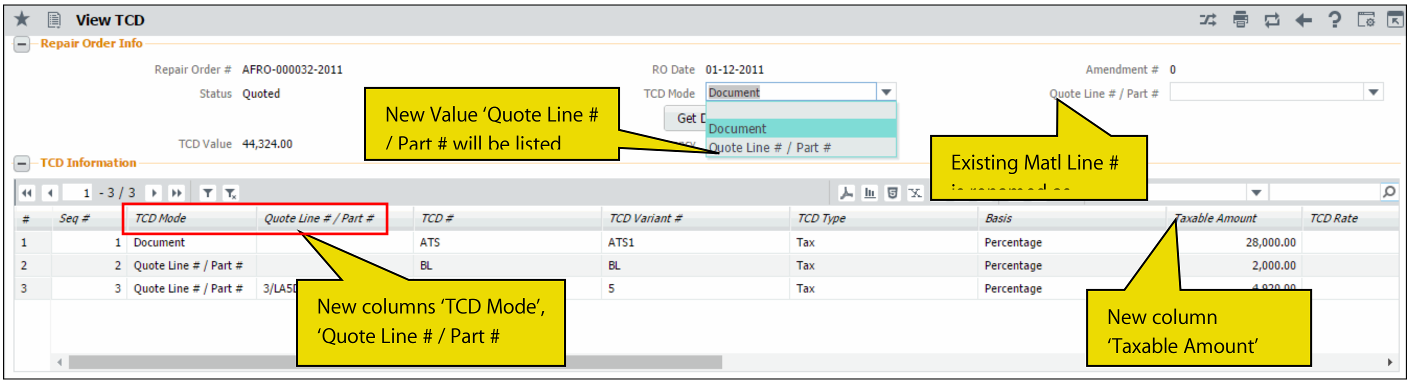
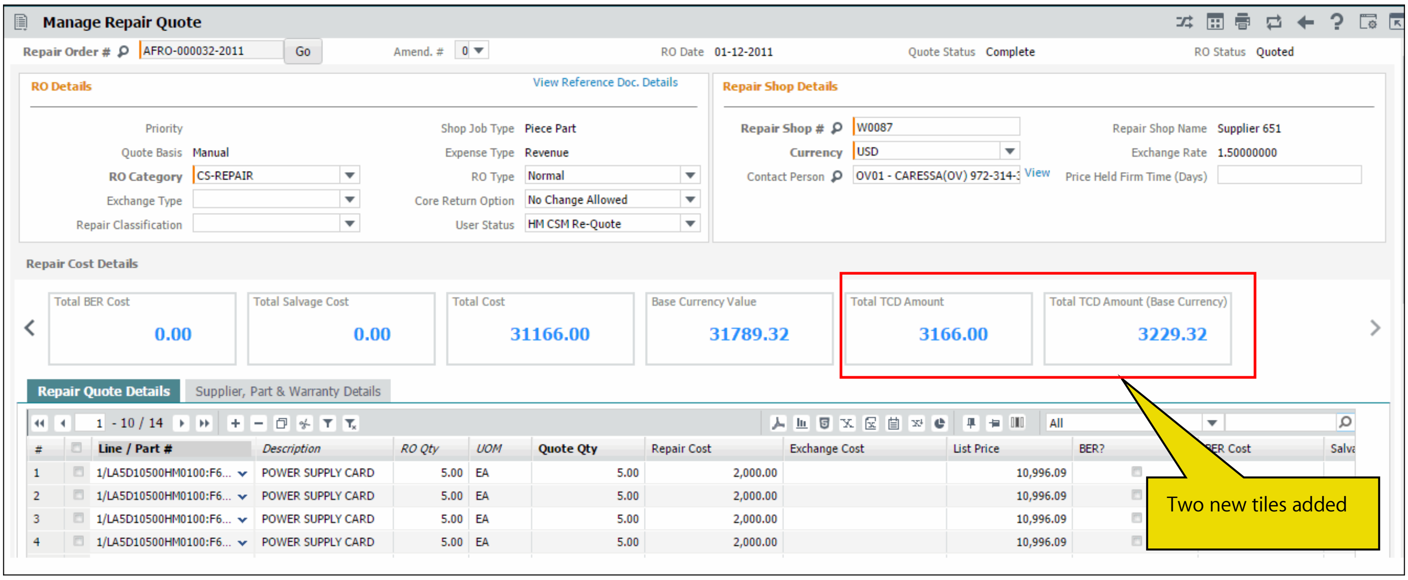


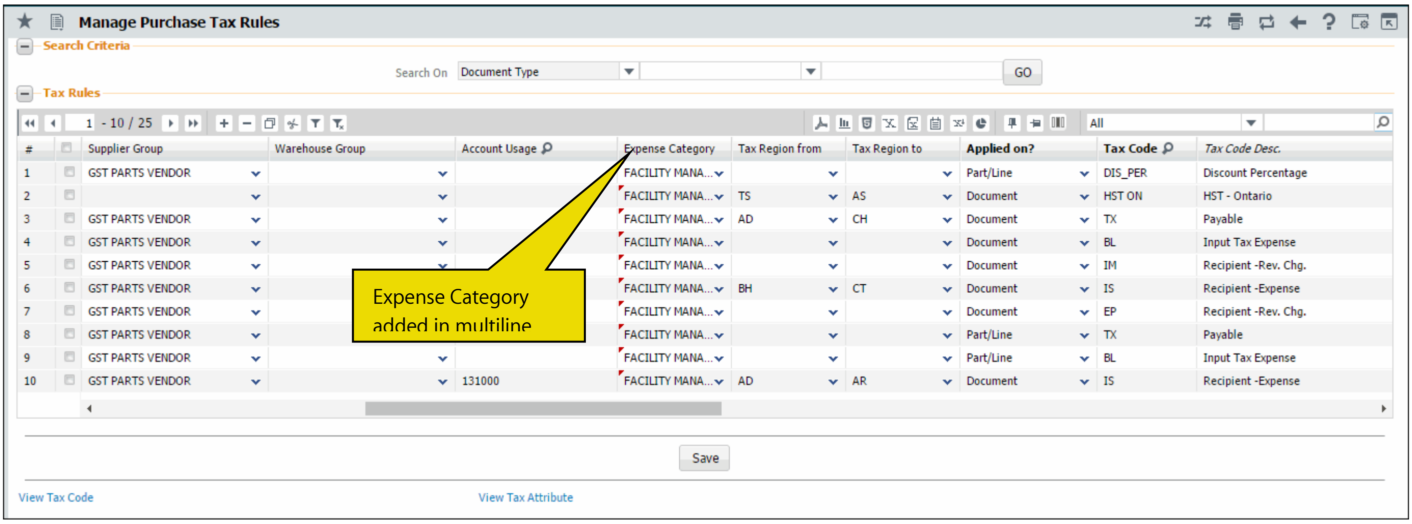
Exhibit 4: Identifies the changes in **Manage Repair Quote** screen



TCD

A new drop-down list box 'Expense Category' is added in the 'Tax Rules' multiline of the **Manage Purchase Tax Rules** activity of the **Taxes Charges and Discounts** business component, to capture the Expense Category in TNC for tax rule definition.

Exhibit 5: Identifies the changes in **Manage Purchase Tax Rules** screen



Repair Order Report

New columns 'TCD Mode', 'Quote Line # / Part #' and Taxable Amount have been be added under Additional Charges Cluster in Repair Order Report.

WHAT'S NEW IN LOAN ORDER?

Ability to Loan parts on behalf of Customer

Reference: AHBG-15106

Background

Currently, system allows loaning in parts from a supplier only for the login organization. However, there are scenarios in which parts needs to be taken on loan for the group company, who is a customer to the login organization and the invoicing will be done to the group company. A provision is required to create loan orders on behalf of the group company.

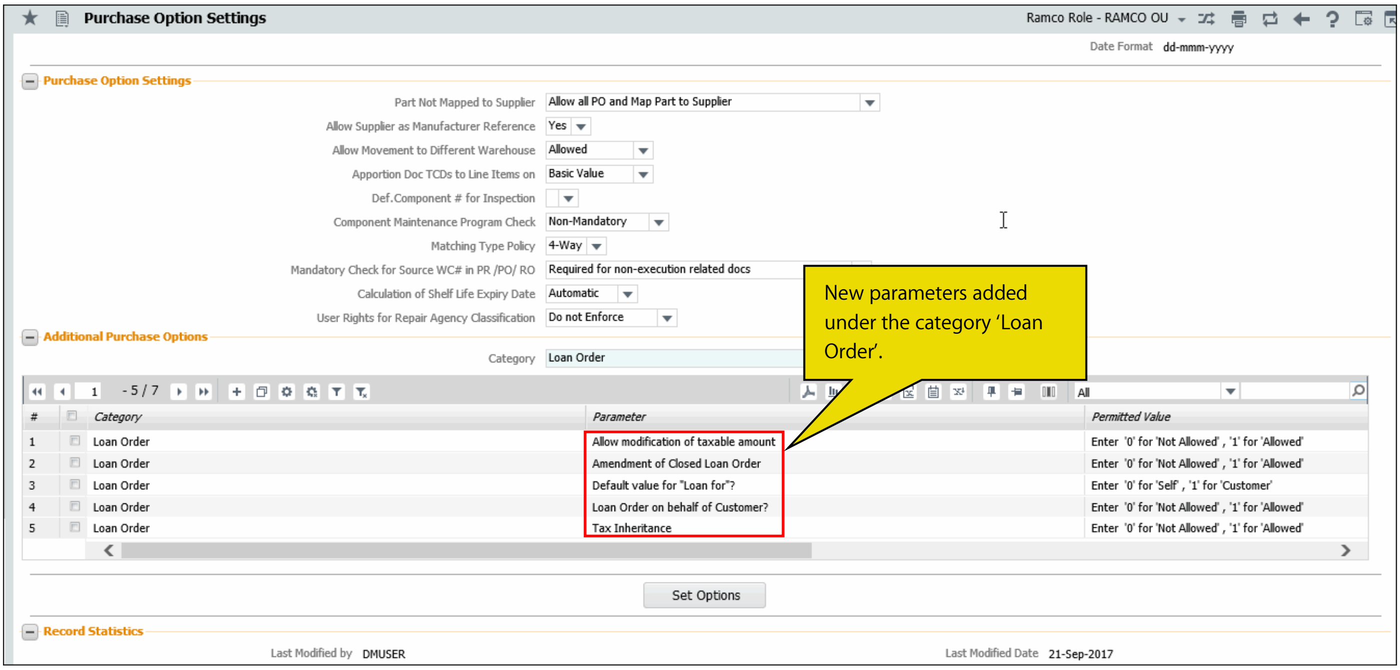
Change Details

Logistics Common Master

New set options are added under the Category 'Loan Order' in the **Purchase Option Settings** screen of the **Logistics Common Master** business component to facilitate loaning parts on behalf of customer.

- 'Loan Order on behalf of Customer?' is added with the following options:
  - Allowed –Loaning of parts on behalf of Customer is allowed.
  - Not Allowed – Loaning of parts on behalf of Customer is not allowed.
- 'Default value for 'Loan for'?' is added with the following options:
  - Self – 'Loan for' field will be defaulted with 'Self'.
  - Customer – 'Loan for' field will be defaulted with 'Customer'.
- 'Allow modification of taxable amount' is added with the following options:
  - Allowed – Modification of taxable amount is allowed.
  - Not Allowed – Modification of taxable amount is not allowed.
- 'Tax Inheritance' is added with the following options:
  - Allowed – Tax Inheritance based on the Purchase Tax Rules is allowed.
  - Not Allowed – Tax Inheritance based on the Purchase Tax Rules is not allowed.

Exhibit 1: Identifies the new option settings in **Purchase Option Settings** screen in **Logistics Common Master** business component



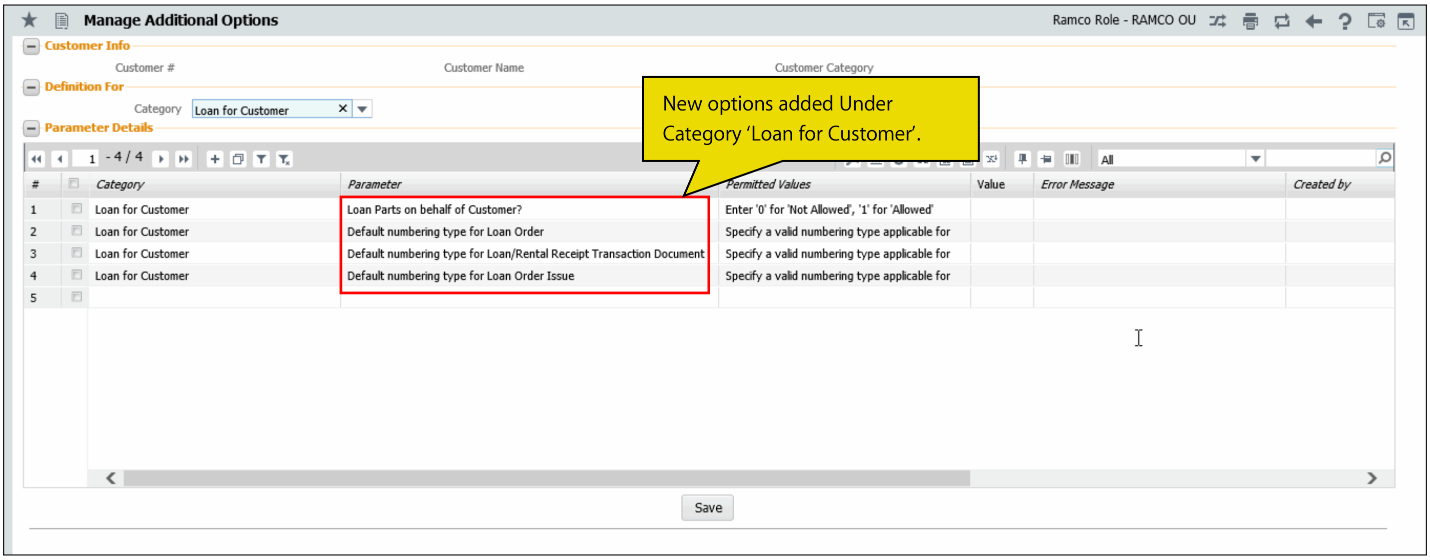
Customer

New set options are added in **Customer** business component, indicating whether the MRO is allowed to loan the Parts/Components on behalf of a specific customer. This is applicable only for a customer whose nature is 'Group Company'. The following set options have been added under the Category 'Loan for Customer' in the **Manage Additional Options** screen of the **Create Customer Record** activity in **Customer** business component.

- 'Loan Parts on behalf of Customer?' provides the following options:
  - Allowed – Loaning of Parts on behalf of the given Customer is allowed.
  - Not Allowed – Loaning of Parts on behalf of the given Customer is not allowed.
- 'Default numbering type for Loan Order'
  - Specify a valid numbering type applicable for Loan Order transaction.
- 'Default numbering type for Loan/Rental Receipt Transaction Document'
  - Specify a valid numbering type applicable for Loan/Rental Receipt transaction.
- 'Default numbering type for Loan Order Issue'
  - Specify a valid numbering type applicable for Loan Order Issue transaction.

Note: The specific customer set options can be set only if the Organization level set option for Loan & Rental on behalf of customer is set as 'Allowed' in the ***Purchase Options Settings*** *activity of the* ***Logistics Common Master*** *Component.*

Exhibit 2: Identifies the new option settings in **Manage Additional Options** screen of the **Create Customer Record** activity



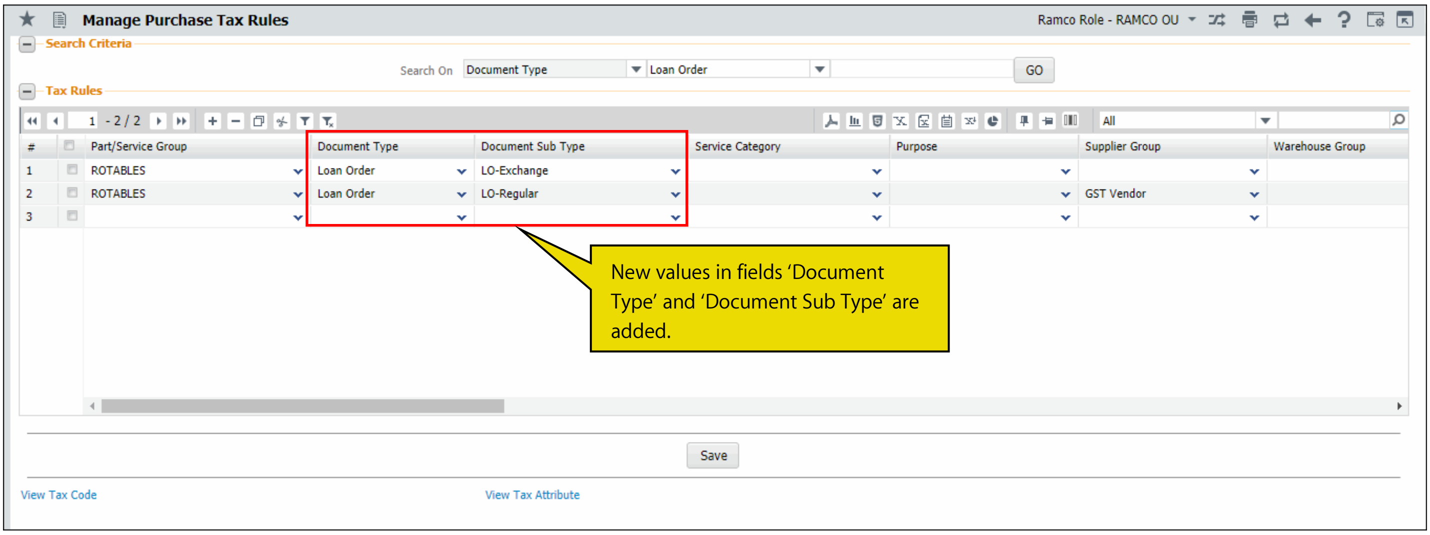
Tax Charges and Discounts

The following values are added in **Manage Purchase Tax rules** activity of the **Tax Charges and Discounts** business component.

a. The value 'Loan Order' is added with the existing values of the drop-down field 'Document Type'.

b. The values 'LO-Regular' are 'LO-Exchange' are added with the existing values of the drop-down field 'Document Sub-Type'.

Exhibit 3: Identifies the changes in **Manage Purchase Tax Rules** activity

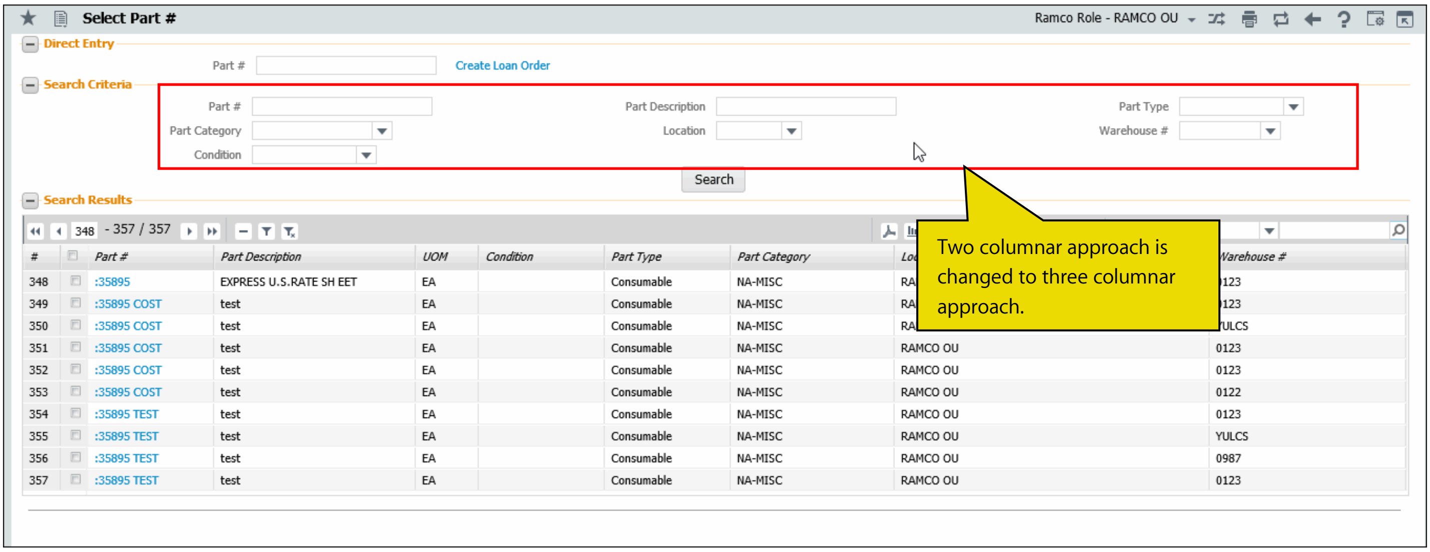


Loan Order

In the **Select Part #** screen in **Create Loan Order** activity under the **Loan Order** component, following change Has been made:

- Two columnar approach has been changed to three columnar approach.

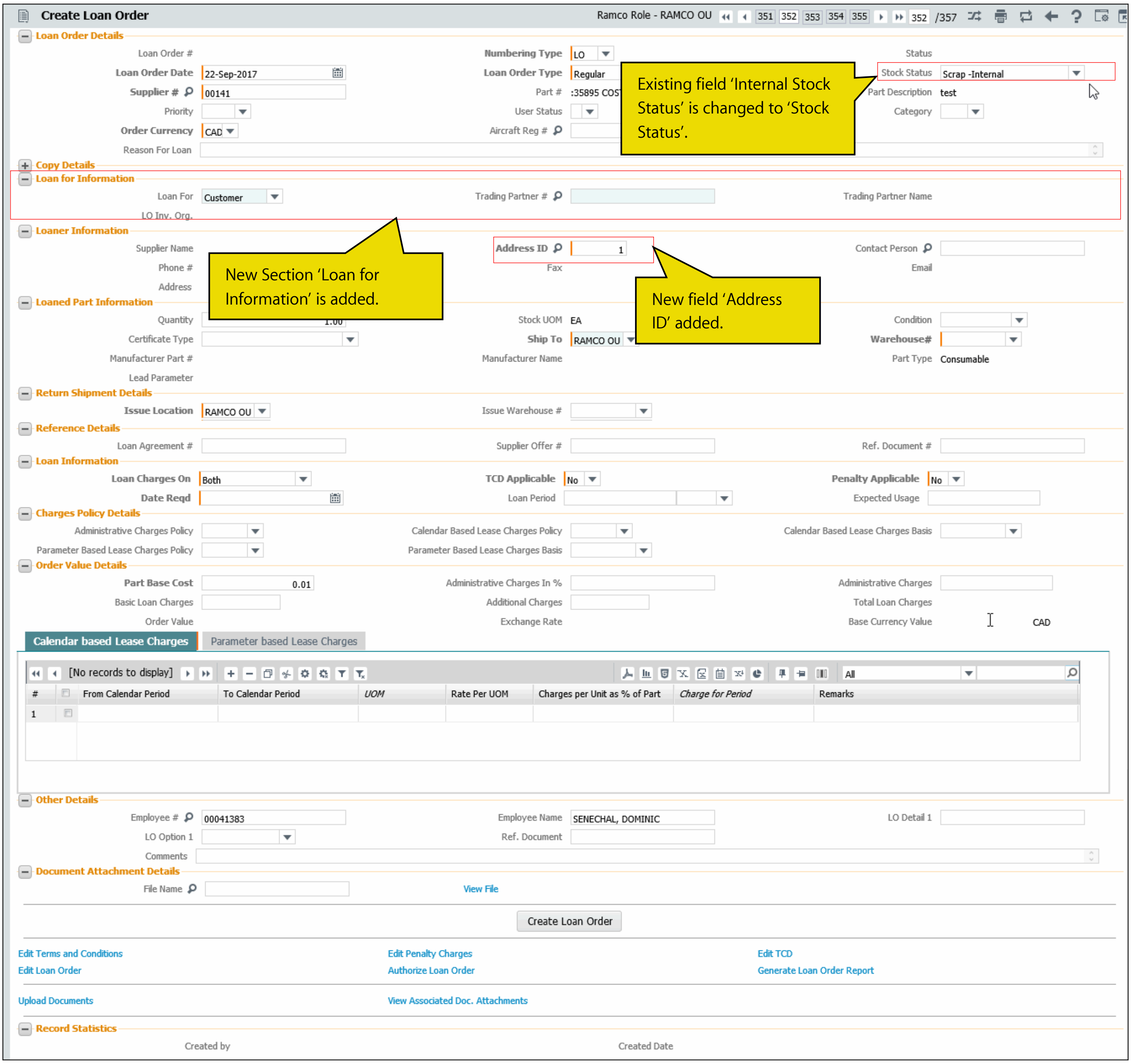
Exhibit 4: Identifies the changes in **Select Part #** screen of the **Create Loan Order** activity



In the **Create Loan Order** screen under the **Loan Order** component, following changes are made:

- Two columnar approach has been changed to three columnar approach.
- A new section 'Loan for Information' is added in the header. Under this section, the following controls are available:
  - o A new drop-down ‘Loan for’ is added and this will be loaded with the values ‘Customer’ and ‘Self’, if the option ‘Loan Order on behalf of Customer’ is set as ‘Allowed’ in the **Purchase Options Settings** activity. If this option is set as ‘Not Allowed’, the value ‘Customer’ will not be loaded.
  - o New editable control ‘Trading Partner #’ is added to provide the customer for whom the loaning of parts needs to be initiated.
  - o Display only controls ‘Trading Partner Name’ and ‘LO Inv. Org.’ are added.
- In the 'Loan Order Details' section, caption of the ‘Internal Stock Status’ field is changed to ‘Stock Status’ which specifies the stock status to which the loaned part is to be converted.
- In the 'Loaner Information' section, a new editable field ‘Address ID’ with help enabled is added to specify the Address ID of the contact person from the supplier who is providing the part on loan.

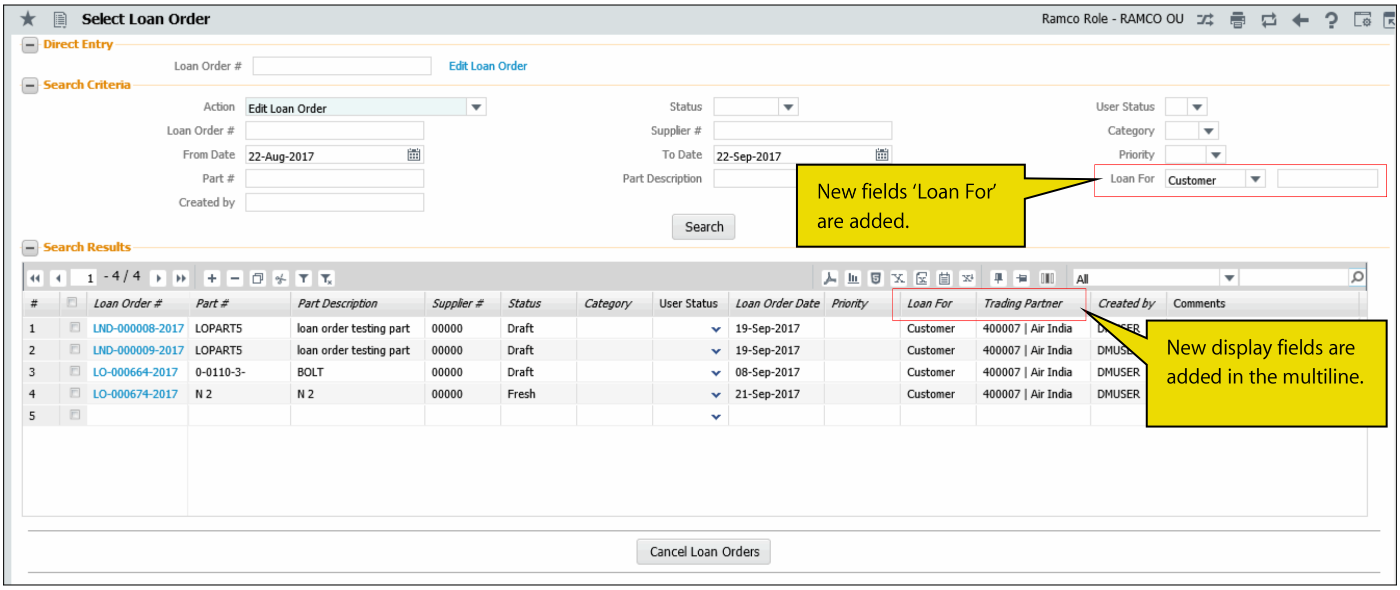
Exhibit 5: Identifies the new section 'Loan for Information' addition in **Create Loan Order** activity



In the **Select Loan Order** screen in **Edit Loan Order** activity under the **Loan Order** component following changes are made:

- Two columnar approach has been changed to three columnar approach.
- A new drop-down and editable field 'Loan for' is added to facilitate searching the loan orders based on the value selected.
- Two new display only fields 'Loan for' and 'Trading Partner' are added in the 'Search Results' multiline to facilitate the display of Loan Order details on behalf of Customer.

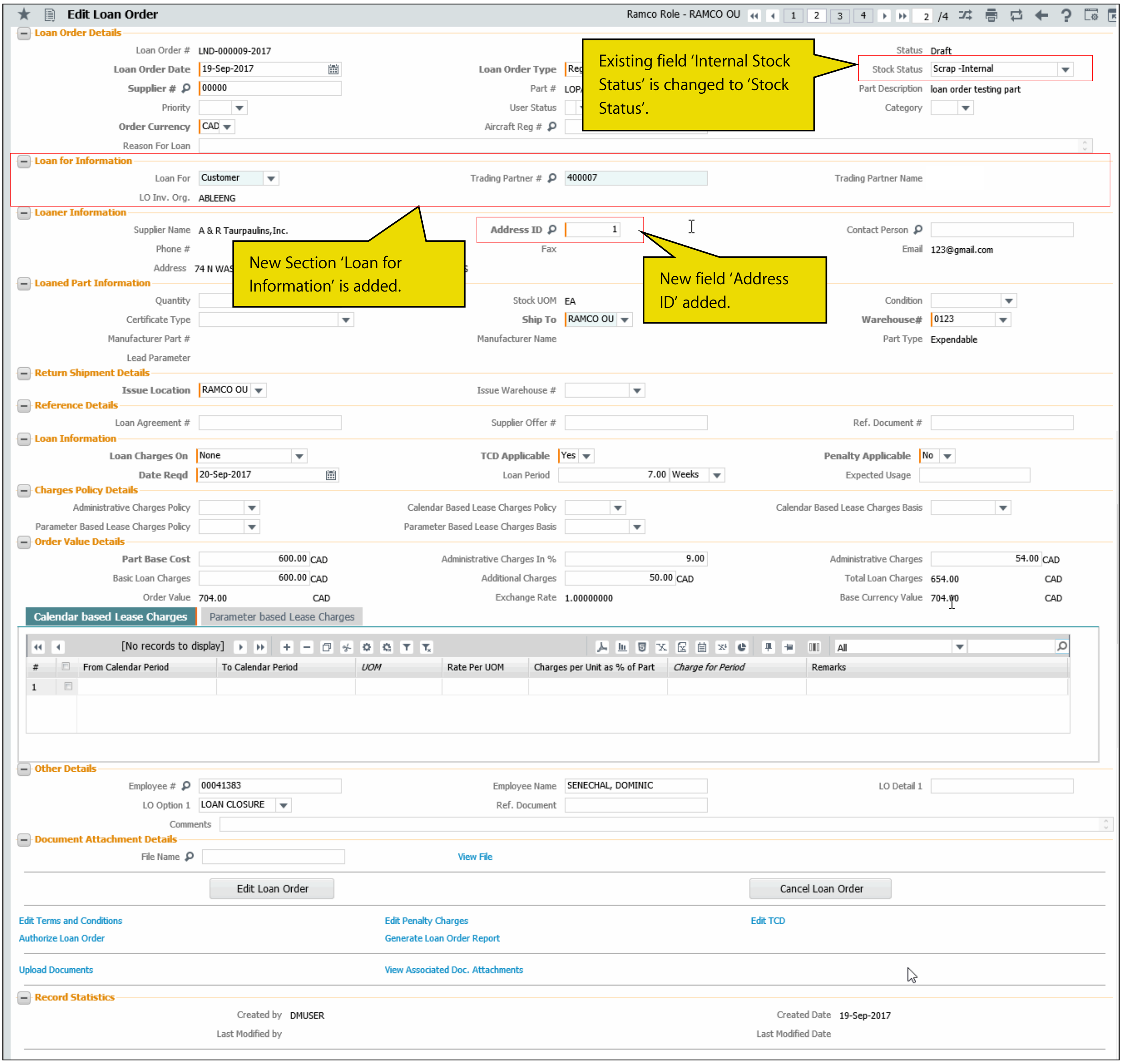
Exhibit 6: Identifies the changes in **Select Loan Order** screen of the **Edit Loan Order** activity



In the **Edit Loan Order** screen of the **Loan Order** component following changes are made:

- Two columnar approach has been changed to three columnar approach.
- A new section 'Loan for Information' is added in the header. Under this section, the following controls are available:
    - A new drop-down 'Loan for' is added and this will be loaded with the values 'Customer' and 'Self', if the option 'Loan Order on behalf of Customer' is set as 'Allowed' in the **Purchase Options Settings** activity. If this option is set as 'Not Allowed', the value 'Customer' will not be loaded.
    - New editable control 'Trading Partner #' is added to provide the customer for whom the loaning of parts needs to be initiated.
    - Display only controls 'Trading Partner Name' and 'LO Inv. Org.' are added.
- In the 'Loan Order Details' section caption of the 'Internal Stock Status' field is changed to 'Stock Status' which specifies the stock status to which the loaned part is to be converted.
- In the 'Loaner Information' section, a new editable field 'Address ID' editable field with help enabled is added to specify the Address ID of the contact person.

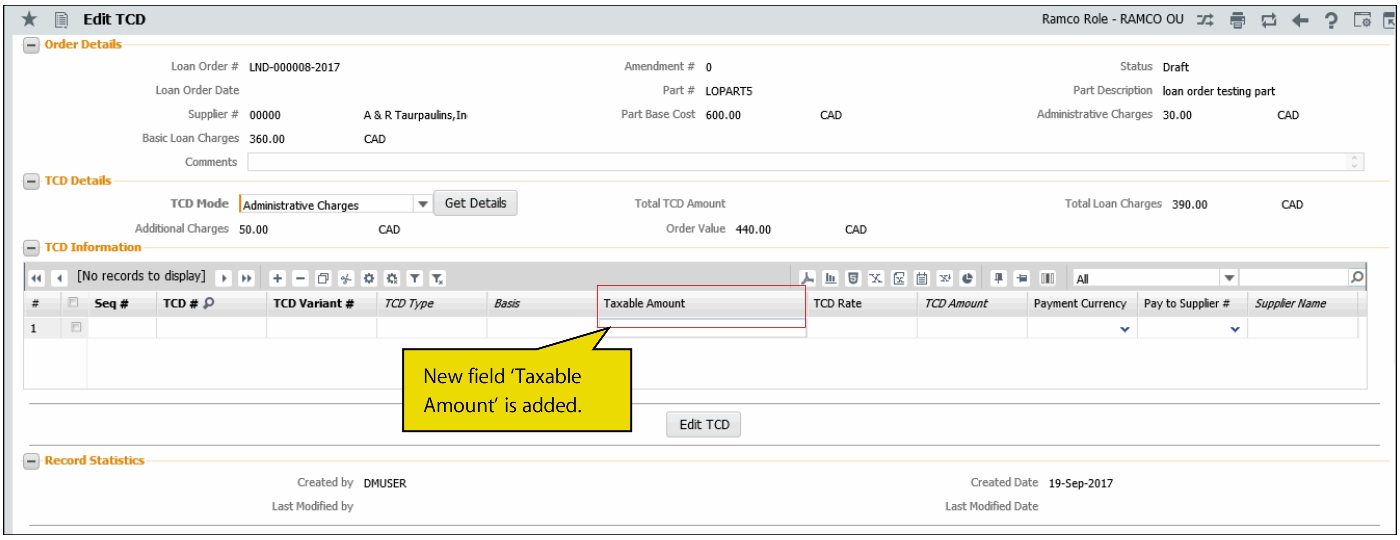
Exhibit 7: Identifies the changes in **Edit Loan Order** screen



In the **Edit TCD** screen in **Edit Loan Order** activity under the **Loan Order** component following changes are made:

- Two columnar approach has been changed to three columnar approach.
- A new editable field 'Taxable Amount' is added to specify the taxable amount on which the TCD amount will be calculated.

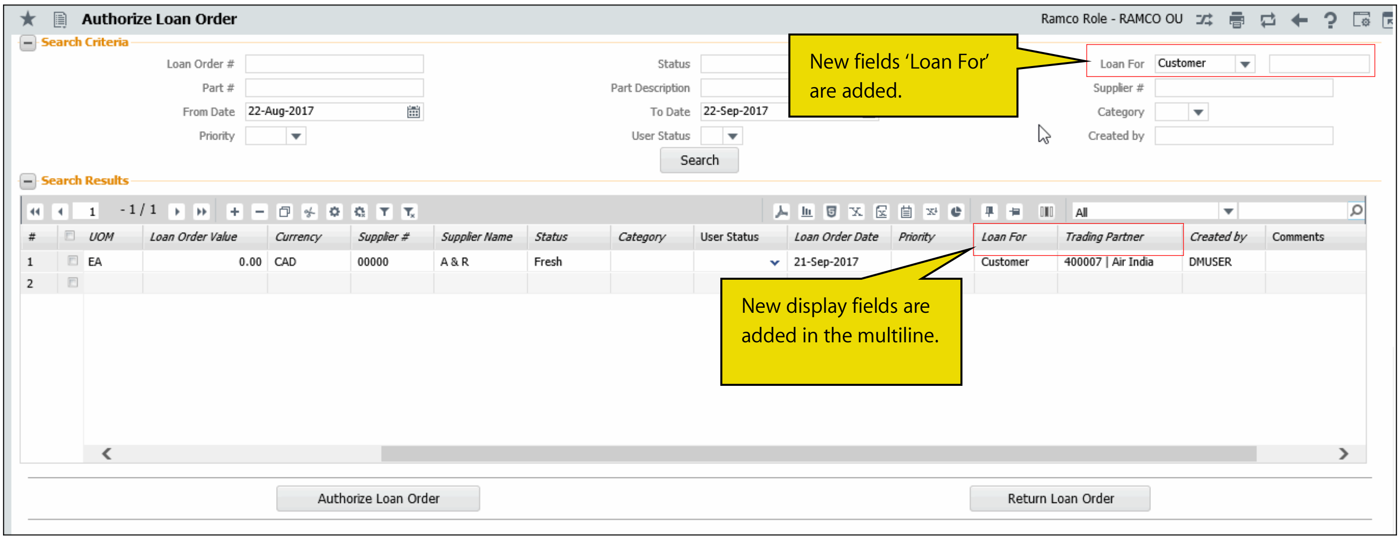
Exhibit 8: Identifies the changes in **Edit TCD** screen of the **Edit Loan Order** activity



In the **Authorize Loan Order** activity under the **Loan Order** component following changes are made:

- Two columnar approach has been changed to three columnar approach.
- A new drop-down and editable field 'Loan for' is added to facilitate searching the loan orders based on the value selected.
- Two new display only fields 'Loan for' and 'Trading Partner' are added in the 'Search Results' multiline to facilitate the display of Loan Order details on behalf of Customer.

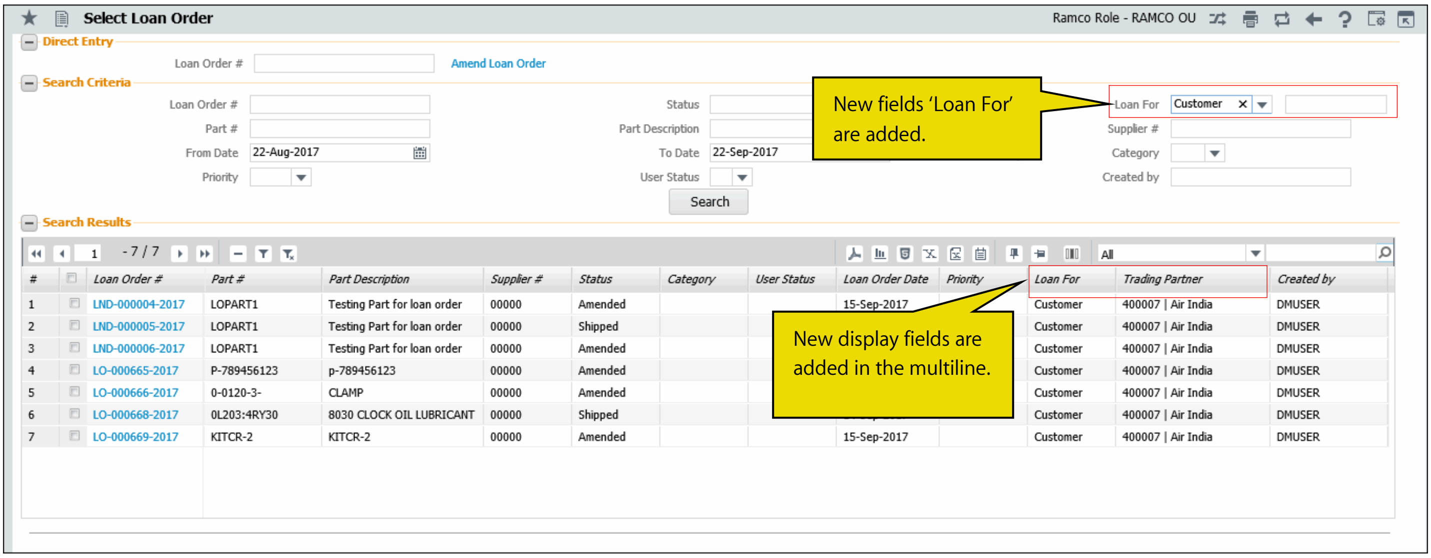
Exhibit 9: Identifies the changes in **Authorize Loan Order** activity



In the **Select Loan Order** screen in **Amend Loan Order** activity under the **Loan Order** component following changes are made:

- Two columnar approach has been changed to three columnar approach.
- A new drop-down and editable field 'Loan for' is added to facilitate searching the loan orders based on the value selected.
- Two new display only fields 'Loan for' and 'Trading Partner' are added in the 'Search Results' multiline to facilitate the display of Loan Order details on behalf of Customer.

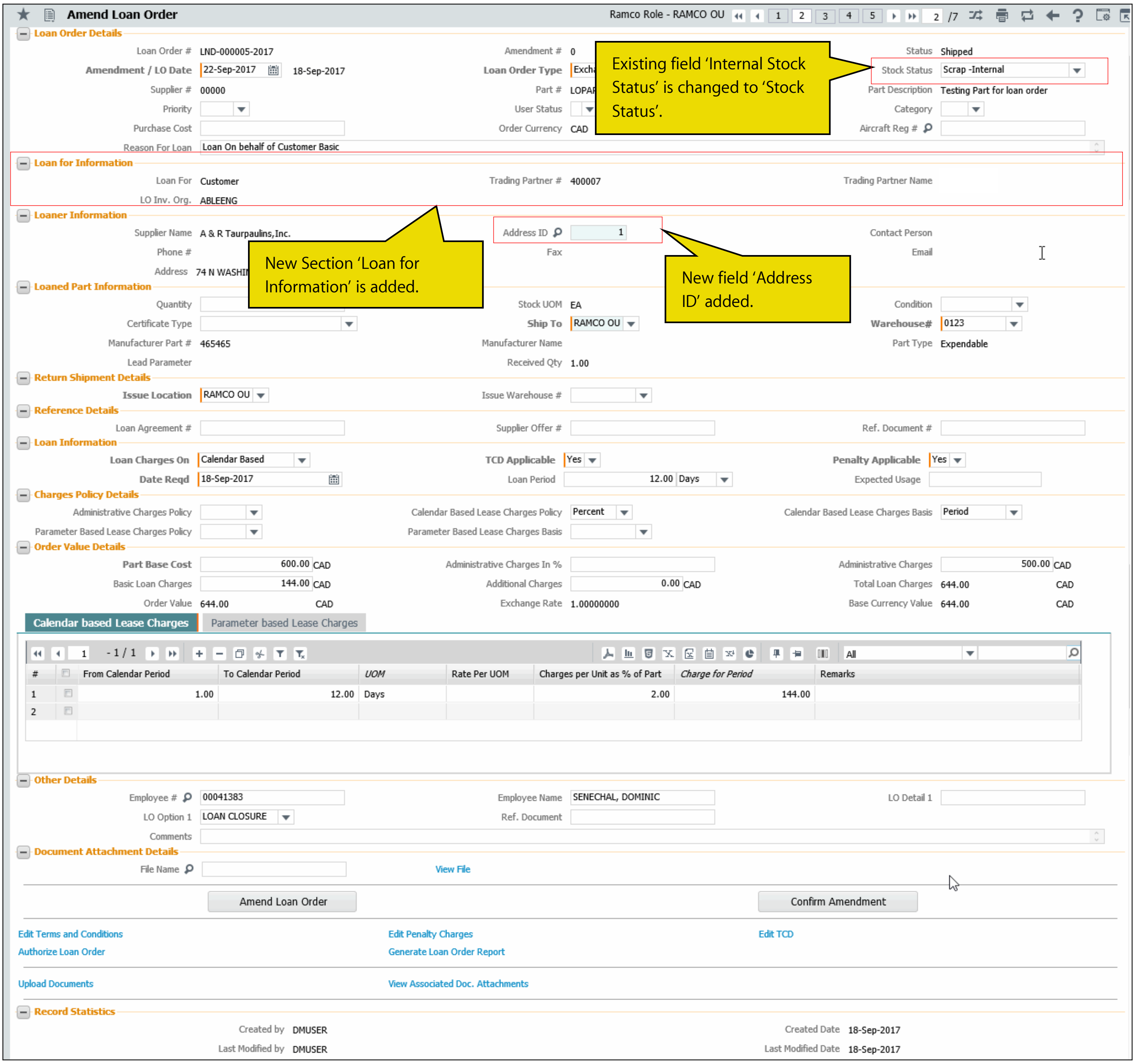
Exhibit 10: Identifies the changes in **Select Loan Order** screen of the **Amend Loan Order** activity



In the **Amend Loan Order** screen of the **Loan Order** component following changes are made:

- Two columnar approach has been changed to three columnar approach.
- A new section 'Loan for Information' is added in the header. Under this section, the following controls are available:
    - Display only controls Loan for, Trading Partner #, 'Trading Partner Name' and 'LO Inv. Org.' are added.
- In the 'Loan Order Details' section caption of the 'Internal Stock Status' field is changed to 'Stock Status' which specifies the stock status to which the loaned part is to be converted.
- In the 'Loaner Information' section, a new editable field 'Address ID' editable field with help enabled is added to specify the Address ID of the contact person.

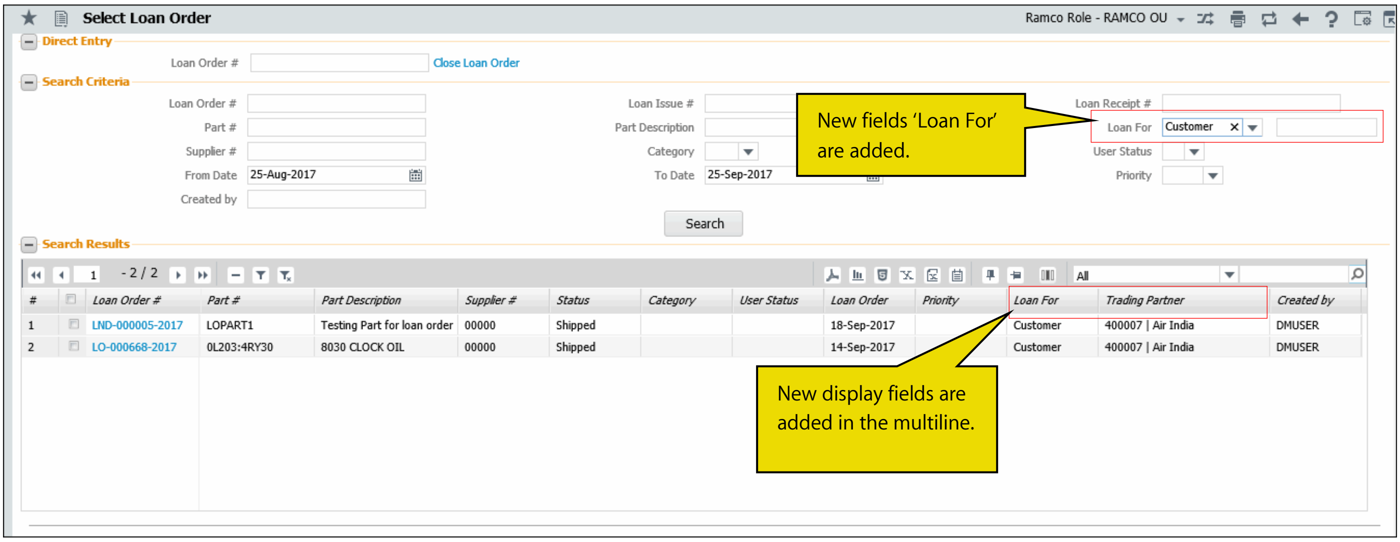
Exhibit 11: Identifies the changes in the **Amend Loan Order** screen



In the **Select Loan Order** screen in **Close Loan Order** activity under the **Loan Order** component following changes are made:

- Two columnar approach has been changed to three columnar approach.
- A new drop-down and editable field 'Loan for' is added to facilitate searching the loan orders based on the value selected.
- Two new display only fields 'Loan for' and 'Trading Partner' are added in the 'Search Results' multiline to facilitate the display of Loan Order details on behalf of Customer.

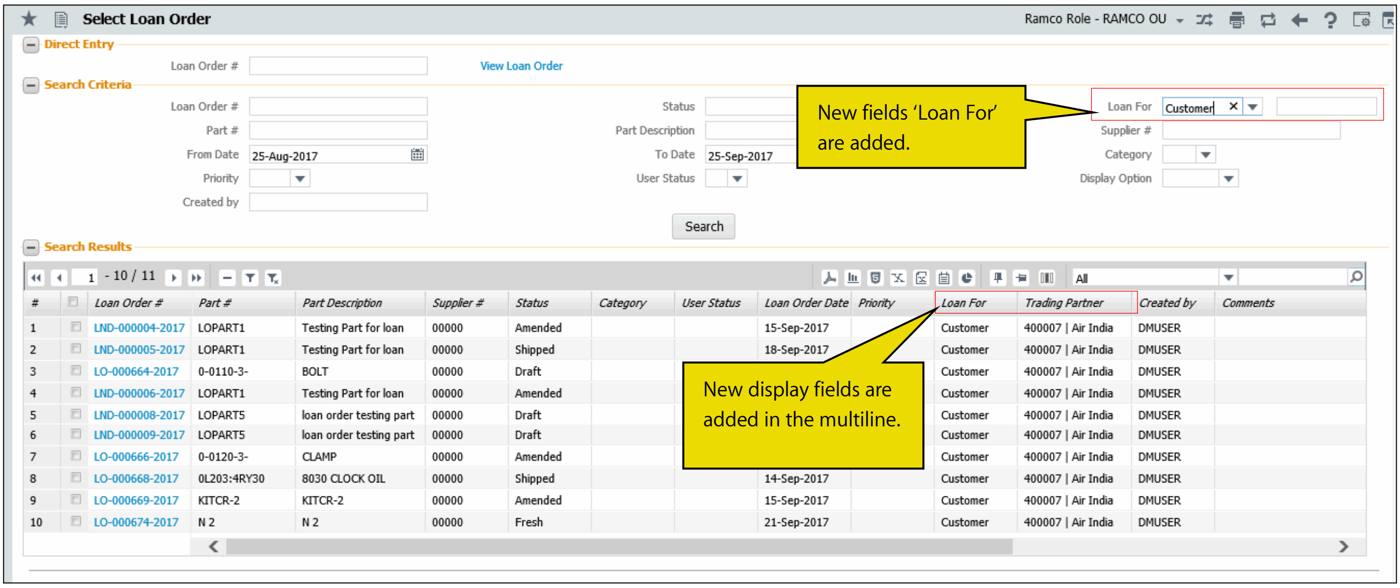
Exhibit 12: Identifies the changes in **Select Loan Order** screen of the **Close Loan Order** activity



In the **Select Loan Order** screen in **View Loan Order** activity under the **Loan Order** component following changes are made:

- Two columnar approach has been changed to three columnar approach.
- A new drop-down and editable field 'Loan for' is added to facilitate searching the loan orders based on the value selected.
- Two new display only fields 'Loan for' and 'Trading Partner' are added in the 'Search Results' multiline to facilitate the display of Loan Order details on behalf of Customer.

Exhibit 13: Identifies the changes in **Select Loan Order** screen of the **View Loan Order** activity



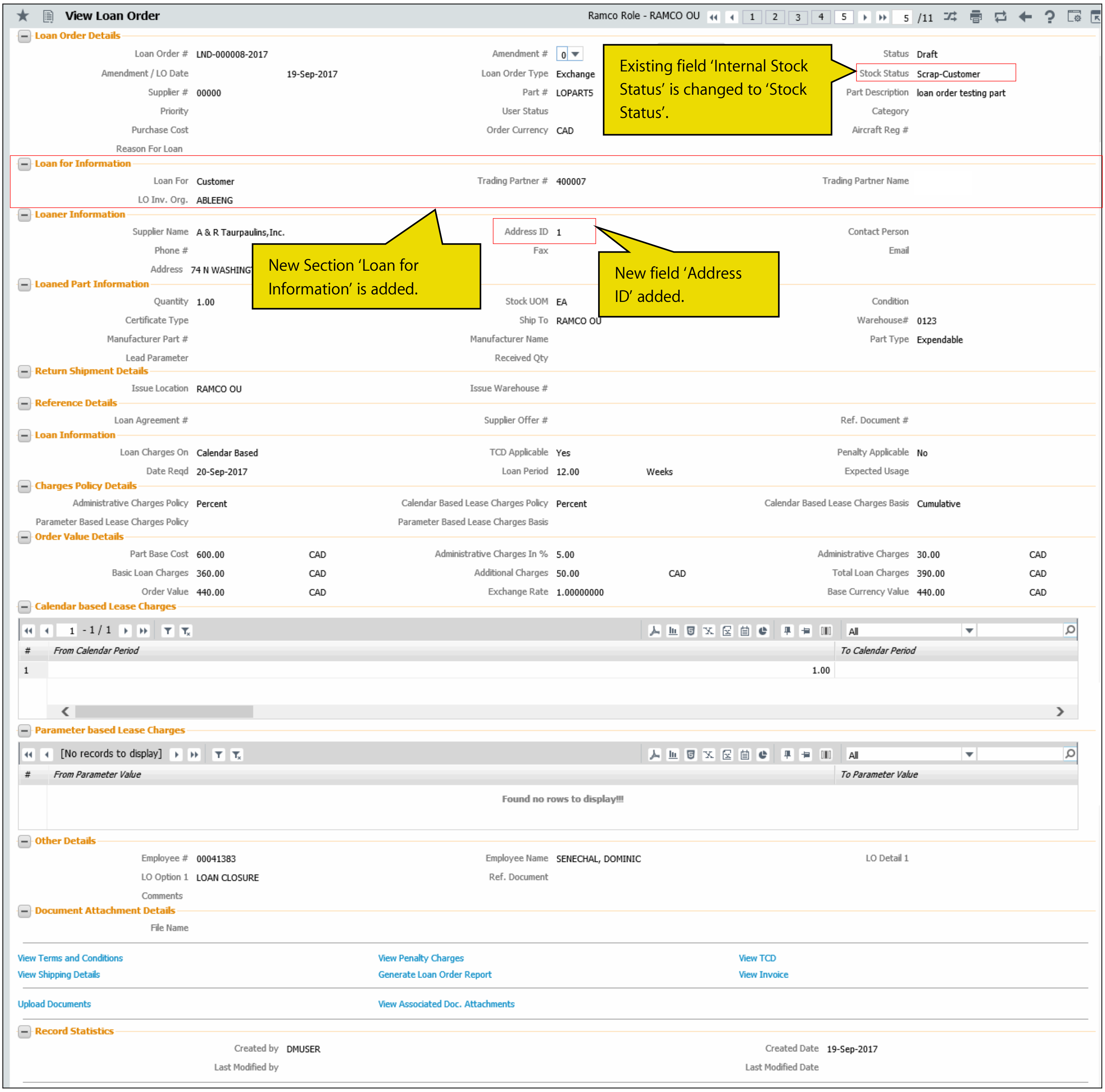
In the **View Loan Order** screen of the **Loan Order** component following changes are made:

- Two columnar approach has been changed to three columnar approach.
- A new section 'Loan for Information' is added in the header. Under this section, the following controls are available:

  - o Display only controls ‘Loan for’, ‘Loan for Trading Partner #’, ‘Trading Partner Name’ and ‘LO Inv. Org.’ are added.

- In the 'Loan Order Details' section caption of the ‘Internal Stock Status’ field is changed to ‘Stock Status’ which specifies the stock status to which the loaned part is to be converted.
- In the 'Loaner Information' section, a new display field ‘Address ID’ is added which specifies the Address ID of the contact person.

Exhibit 14: Identifies the changes in the **View Loan Order** screen

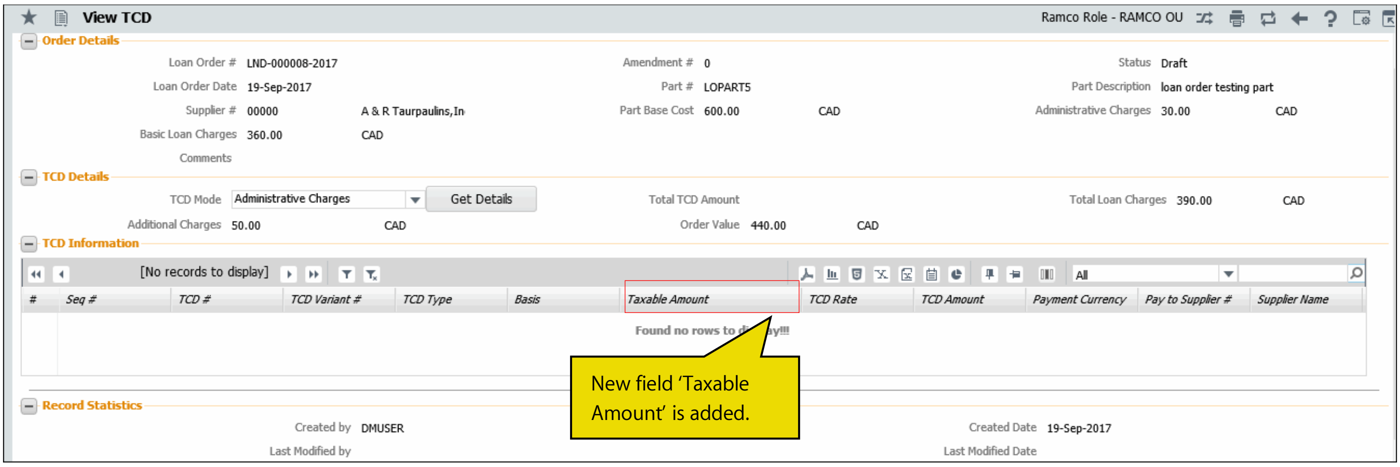


In the **View TCD** screen in **View Loan Order** activity under the **Loan Order** component following changes are made:

- Two columnar approach has been changed to three columnar approach.

- A new display field 'Taxable Amount' is added in the 'TCD Information' multiline which specifies the taxable amount on which the TCD amount is calculated.

Exhibit 15: Identifies the changes in **View TCD** screen of the **View Loan Order** activity



Accounting Impact

Background

Currently, Loan Order only supports Loaning of part(s) for self-organization. This enhancement allows organizations to loan part(s) on behalf of Customer which is a group Company and use the same for the respective group company's maintenance activities. Though all the transactions are carried out by Source Company, account postings for the same are recorded in Destination Company and invoicing also happens in the destination company.

Change Details

Group Company (related Company) need to be set up in Ramco Application by virtue of which relationship shall be established amongst them to carry out transactions on behalf of another. To carry out business, Transacting Company need to identify its Destination Company. After Identification, it need to set up the **Customer Master** with **Nature of Customer** as 'Group Company' and specify the unique **Company Code** i.e., Destination Company Code.

For Instance: - Transacting Company 'ABC Ltd.' need to loan part(s) on behalf of its Group Company say 'XYZ Ltd.', then in the books of 'ABC Ltd.', Customer Master shall be set up in the name of 'XYZ Ltd.' and it is identified as Group Company/Trading Partner.

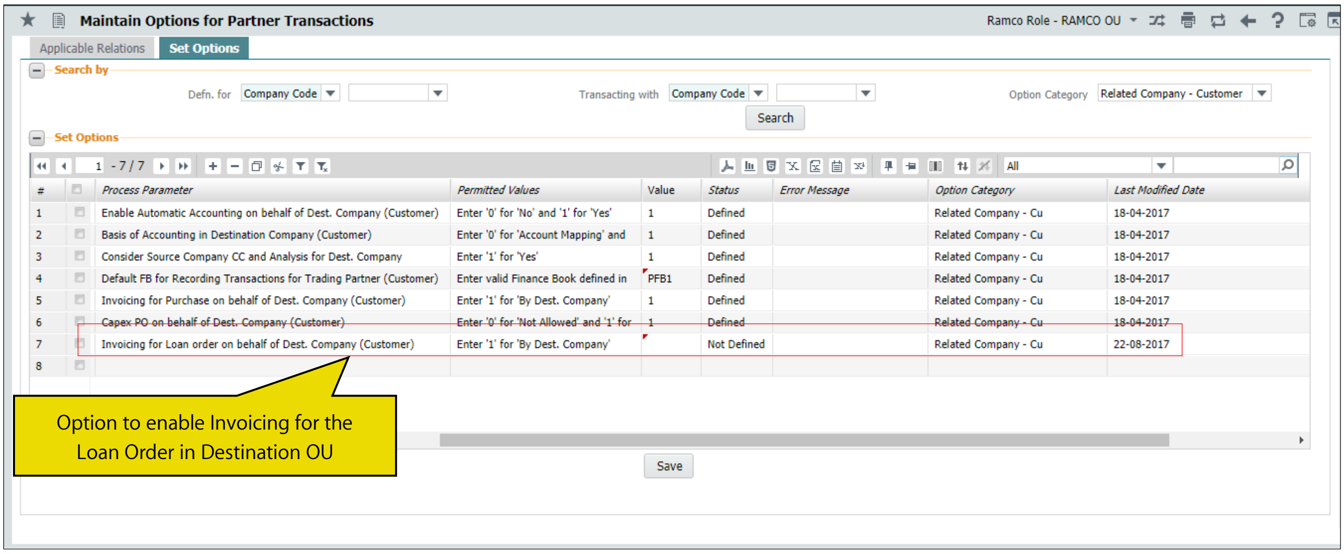
Loan Order Accounting

Account postings for Loan Order has been enhanced to post the accounting entries in the destination/ group company during loan order closure or amendment for Loan Orders created on behalf of Group Company Customers.

Supplier Order Based Invoice

New Set option (See Exhibit: 15) is introduced to Invoice the Loan Order in Destination Company/OU though Loan Order document is created in Source Company/OU. The set option is read as "Invoicing for Loan order on behalf of Dest. Company (Customer)" in Business Process Component **Finance Setup** under Component **Organization Setup** under Activity **Maintain Organization Parameters**. Here, Login OU Company (Source Company) shall establish the relationship amongst the Group Companies.

Exhibit 16: Displays the set option in **Maintain Organization Parameters** Activity for invoicing Loan Order on behalf of customer



Supplier Prepayment Voucher

Prepayment Voucher for advances can be created in the respective Destination Company only. **Prepayment Voucher** is enhanced to refer the Loan Order created in Source Company to process the details of Terms and Conditions of the respective reference document for which prepayment voucher need to be created. Advance information in Loan Order – Terms and Conditions will be considered for recording Prepayment. Help on **Ref. Document #** in Prepayment Voucher is enhanced to refer Loan Order created on behalf of Destination Company from Source Company.

WHAT'S NEW IN RENTAL ORDER?

Ability to Rent out parts on behalf of Customer

Reference: AHBG-16024

Background

Currently, Parts of internal ownership can be rented out to customers of an organization. However, the parts that are owned by group company, which will be Customer owned cannot be rented out, though it is a group company's stock. An ability to rent out these parts to customer is required.

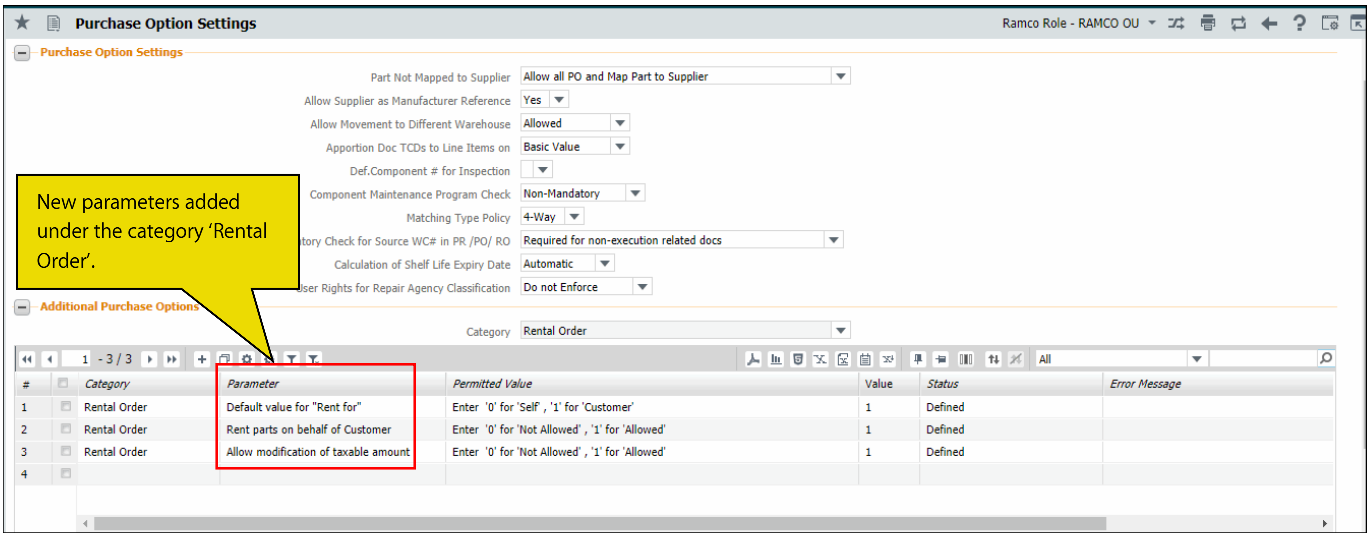
Change Details

Logistics Common Master

New set options are added under the Category 'Rental Order' in the **Purchase Option Settings** screen of the **Logistics Common Master** business component to facilitate renting out parts on behalf of customer.

- 'Rent Parts on behalf of Customer?' is added with the following options:
  - Allowed – Renting out parts on behalf of Customer is allowed.
  - Not Allowed – Renting out parts on behalf of Customer is not allowed.
- 'Default value for 'Rent for'?' is added with the following options:
  - Self – 'Rent for' field will be defaulted with 'Self'
  - Customer – 'Rent for' field will be defaulted with 'Customer'.
- 'Allow modification of taxable amount' is added with the following options:
  - Allowed – Taxable amount can be different from the value corresponding to the TCD Mode selected
  - Not Allowed – Taxable amount cannot be different from

Exhibit 1: Identifies the new option settings in **Purchase Option Settings** screen in **Logistics Common Master** business component



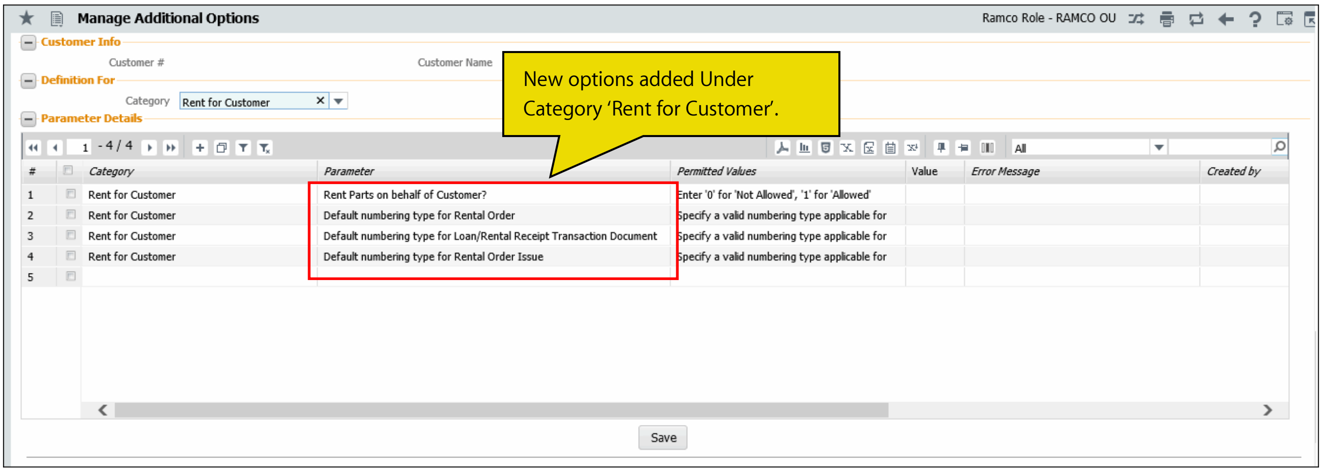
Customer

New set options are added in **Customer** business component, indicating whether the MRO can provide parts / components for rentals on behalf of a specific customer. This is applicable only for a customer whose nature is 'Group Company'. The following set options have been added under the Category 'Rent for Customer' in the **Manage Additional Options** screen of the **Create Customer Record** activity in **Customer** business component.

- 'Rent Parts on behalf of Customer?' provides the following options:
  - Allowed – Renting out parts belonging to the given customer is allowed.
  - Not Allowed – Renting out parts belonging to the given Customer is not allowed.
- 'Default numbering type for Rental Order'
  - Specify a valid numbering type applicable for Rental Order transaction.
- 'Default numbering type for Loan/Rental Receipt Transaction Document'
  - Specify a valid numbering type applicable for Loan/Rental Receipt.
- 'Default numbering type for Rental Order Issue'
  - Specify a valid numbering type applicable for Rental Order Issue transaction.

Note: The specific customer set options can be set only if the Organization level set option for Loan & Rental on behalf of customer is set as 'Allowed' in the ***Purchase Options Settings*** *activity of the* ***Logistics Common Master*** *Component.*

Exhibit 2: Identifies the new option settings in **Manage Additional Options** screen of the **Create Customer Record** activity

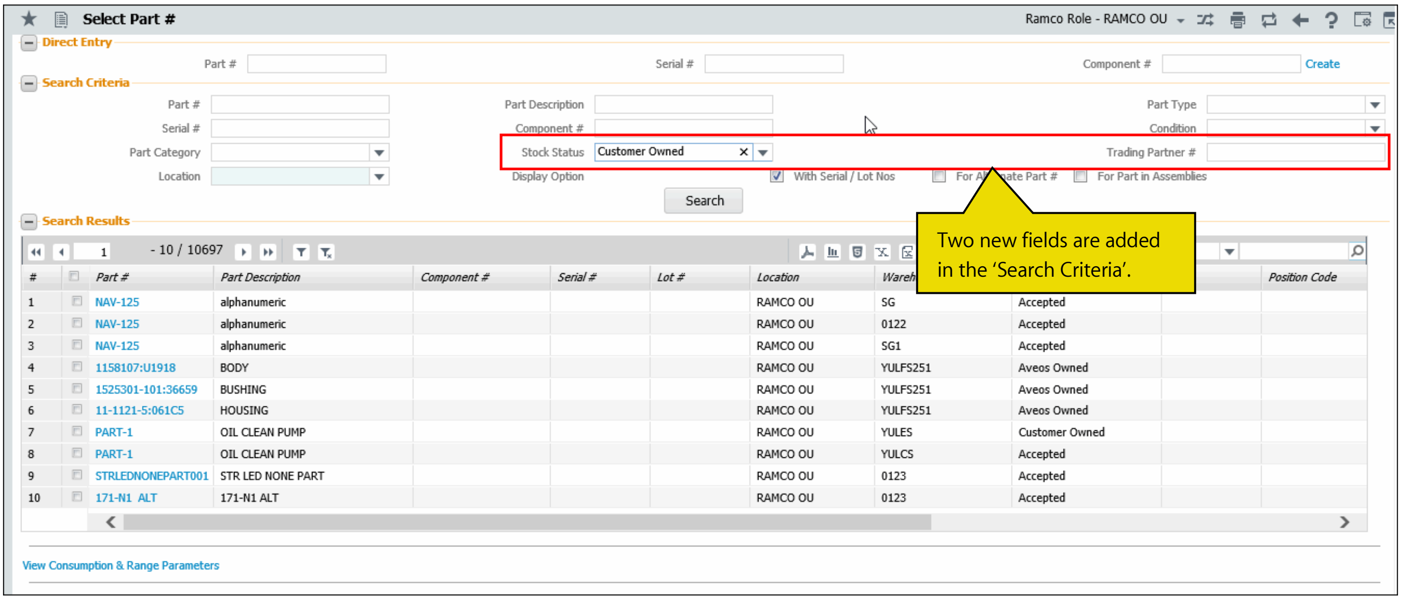


Rental Order

In the **Select Part #** screen in **Create Rental Order** activity under the **Rental Order** component, following changes are made:

- Two columnar approach has been changed to three columnar approach.
- Two new fields are added in the 'Search Criteria' section.
  - A new drop-down 'Stock Status' is added and this will be loaded based on the option setting 'Rent Parts on behalf of Customer'. If this option setting is set as 'Allowed', then the stock statuses with 'Ownership-Customer' set as 'Yes' will be loaded in addition to the internal stock statuses.
  - A new editable field 'Trading Partner #' is added to specify the customer who owns the parts that are to be rented out.

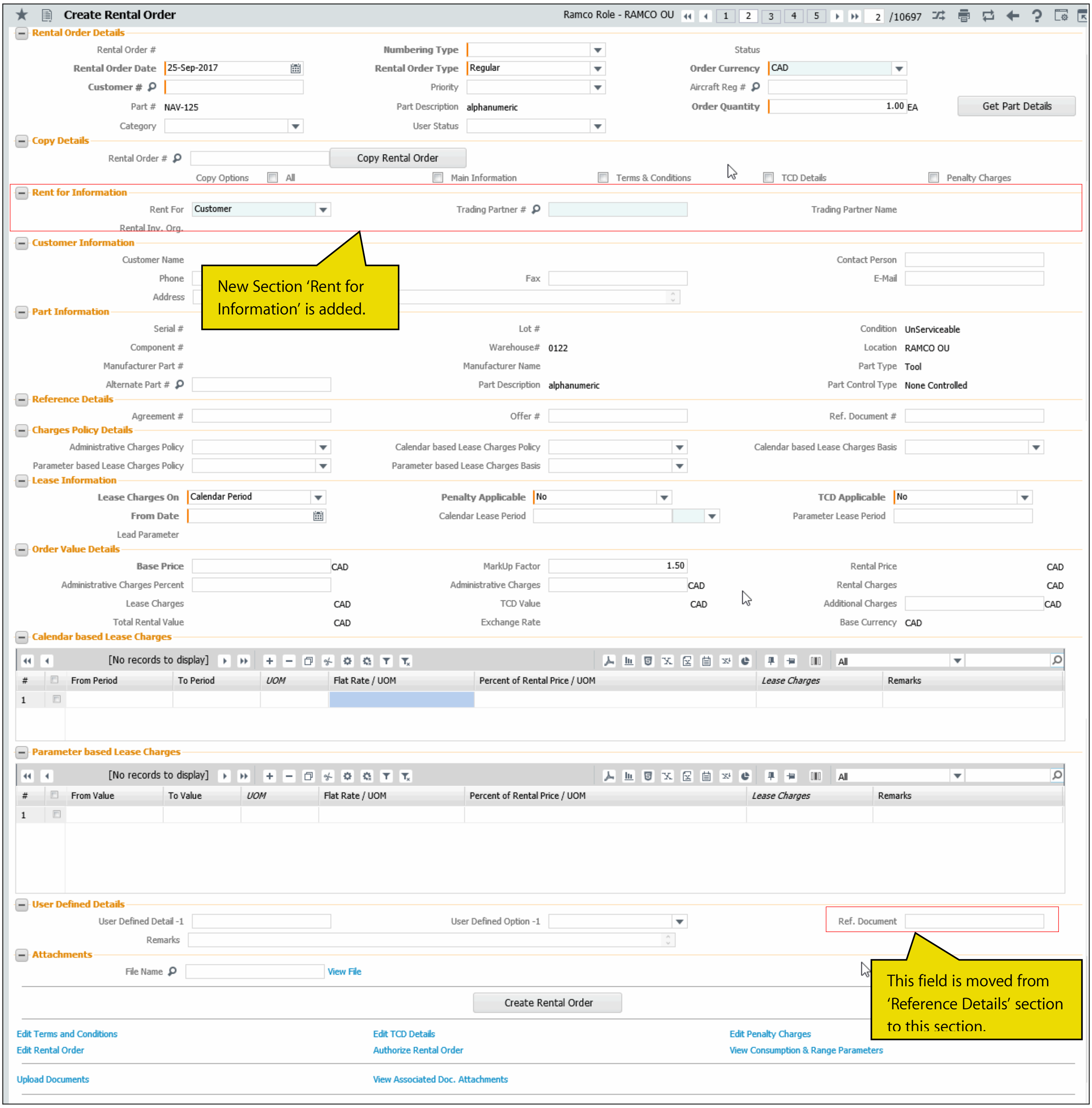
Exhibit 3: Identifies the changes in **Select Part #** screen of the **Create Rental Order** activity



In the **Create Rental Order** screen under the **Rental Order** component, following changes are made:

- Two columnar approach has been changed to three columnar approach.
- A new section 'Rent for Information' is added in the header. Under this section, the following controls are available:
    - A new drop-down 'Rent For' is added and this will be loaded with the values 'Customer', 'Self' and 'Blank' based on applicability of rental order on behalf of customer.
    - New editable control 'Trading Partner #' is added to provide the customer who owns the renting out parts.
    - Display only controls 'Trading Partner Name' and 'Rental Inv. Org.' are added.
- In the 'Reference Details' section, 'Ref. Document' field is moved to the 'User Defined Details' section.

Exhibit 4: Identifies the changes in the **Create Rental Order** activity

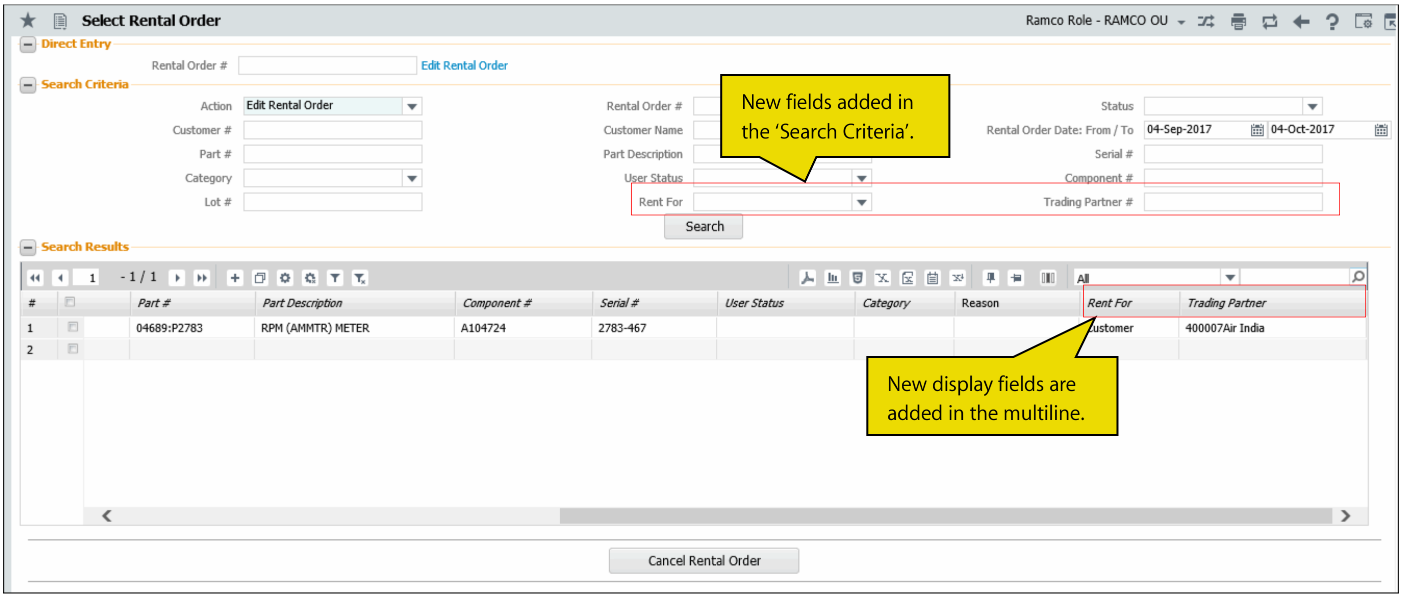


In the **Select Rental Order** screen in **Edit Rental Order** activity under the **Rental Order** component following changes are made:

- Two columnar approach has been changed to three columnar approach.
- Two new fields are added in the 'Search Criteria' section:
  - o A new drop-down 'Rent For' is added and this will be loaded with the values 'Customer', 'Self' and 'Blank'.
  - o New editable field 'Trading Partner #' is added to specify the customer who owns the renting out parts.

- Two new display only fields ‘Rent For’ and ‘Trading Partner’ are added in the ‘Search Results’ multiline to facilitate the display of Rental order details on behalf of Customer.

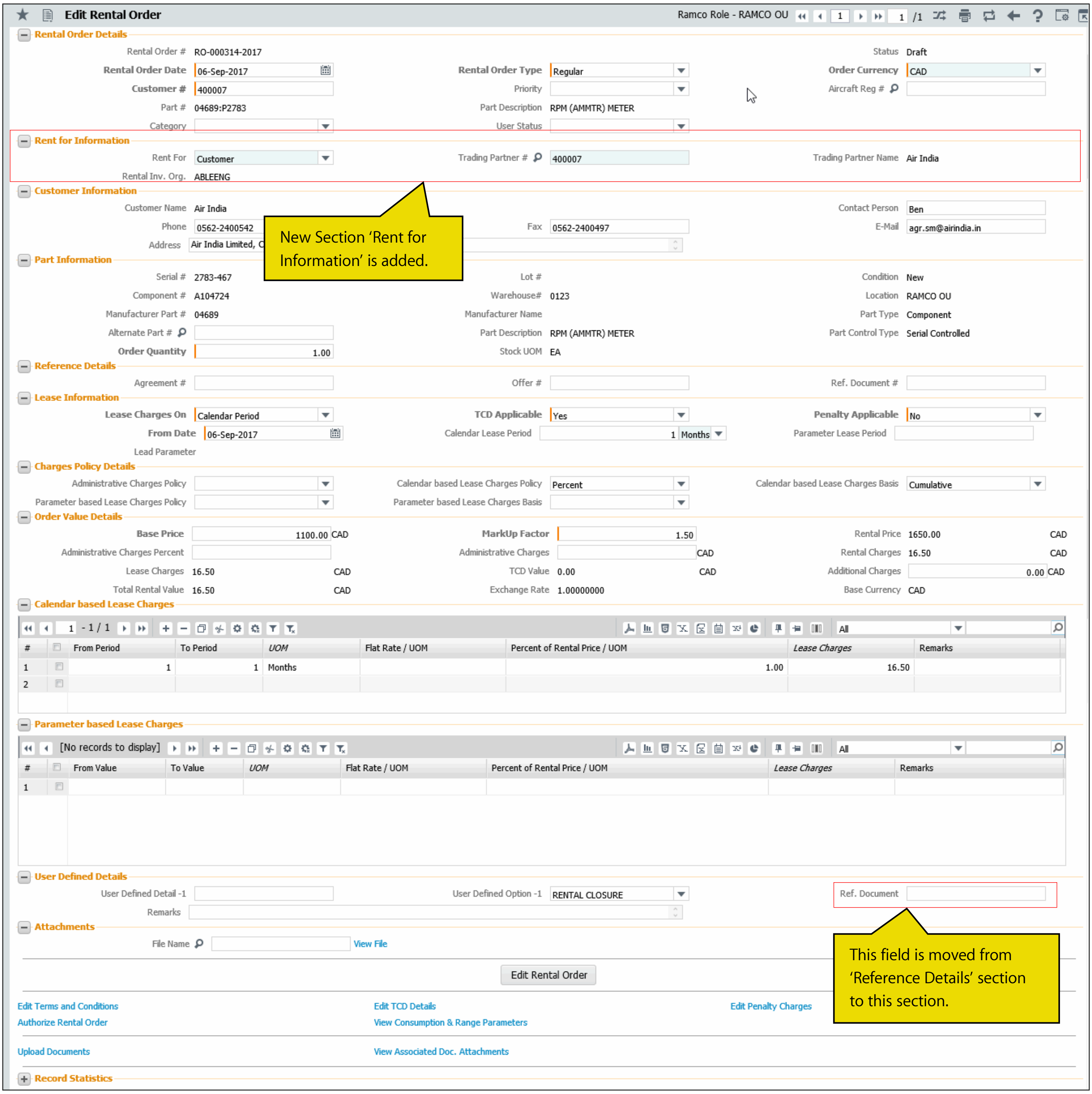
Exhibit 5: Identifies the changes in **Select Rental Order** screen of the **Edit Rental Order** activity



In the **Edit Rental Order** screen of the **Rental Order** component following changes are made:

- Two columnar approach has been changed to three columnar approach.
- A new section 'Rent for Information' is added in the header. Under this section, the following controls are available:
  - A new drop-down ‘Rent For’ is added and this will be loaded with the values ‘Customer’, ‘Self’ and ‘Blank’.
  - New editable control ‘Trading Partner #’ is added to specify the customer who owns the renting out parts.
  - Display only controls ‘Trading Partner Name’ and ‘Rental Inv. Org.’ are added.
- In the 'Reference Details' section, ‘Ref. Document’ field is moved to the ‘User Defined Details’ section.

Exhibit 6: Identifies the changes in **Edit Rental Order** screen

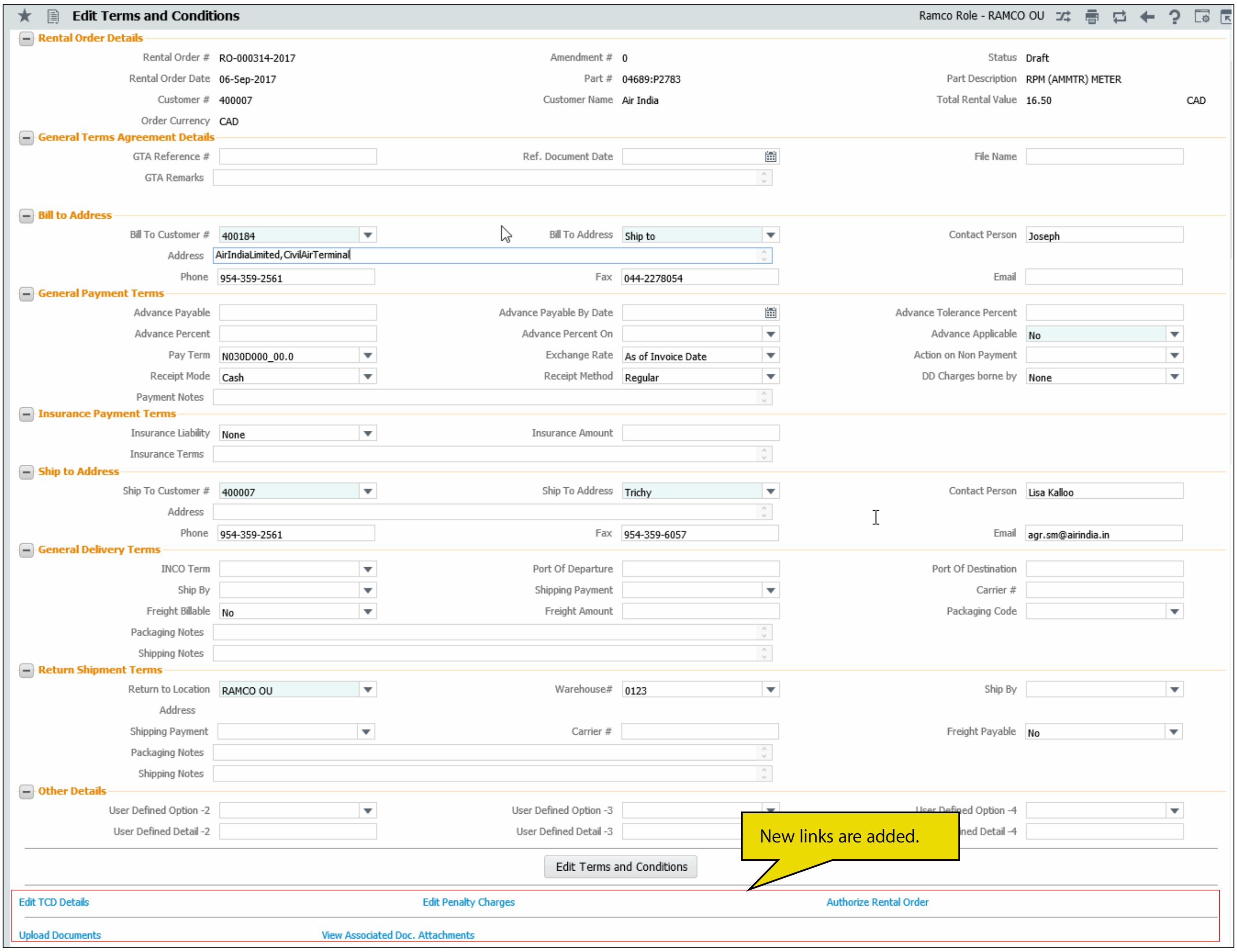


In the **Edit Terms and Conditions** screen in **Edit Rental Order** activity under the **Rental Order** component following changes are made:

- Two columnar approach has been changed to three columnar approach.
- New links are added at the bottom of the screen.
  - Edit TCD Details
  - Edit Penalty Charges
  - Authorize Rental Order
  - Upload Documents

- o View Associated Doc Attachments

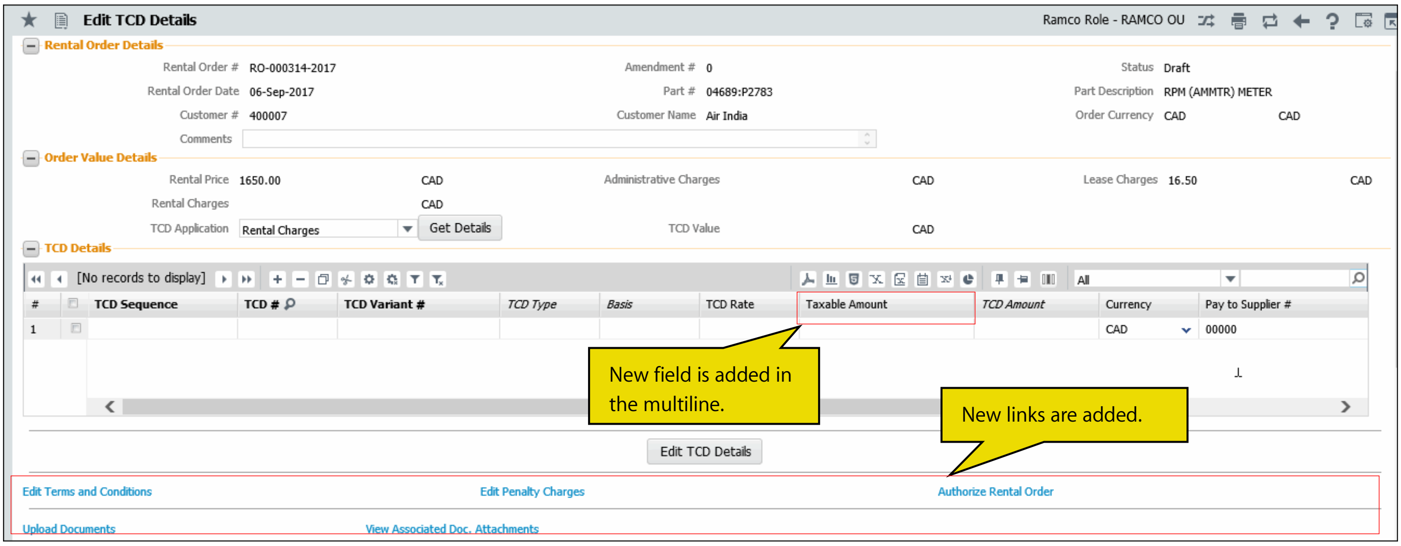
Exhibit 7: Identifies the changes in **Edit Terms and Conditions** screen of the **Edit Rental Order** activity



In the **Edit TCD Details** screen in **Edit Rental Order** activity under the **Rental Order** component following changes are made:

- Two columnar approach has been changed to three columnar approach.
- A new editable field 'Taxable Amount' to specify the taxable amount on which the TCD amount will be calculated is added in the 'TCD Details' multiline.
- New links are added at the bottom of the screen.
  - o Edit Terms and Conditions
  - o Edit Penalty Charges
  - o Authorize Rental Order
  - o Upload Documents
  - o View Associated Doc Attachments

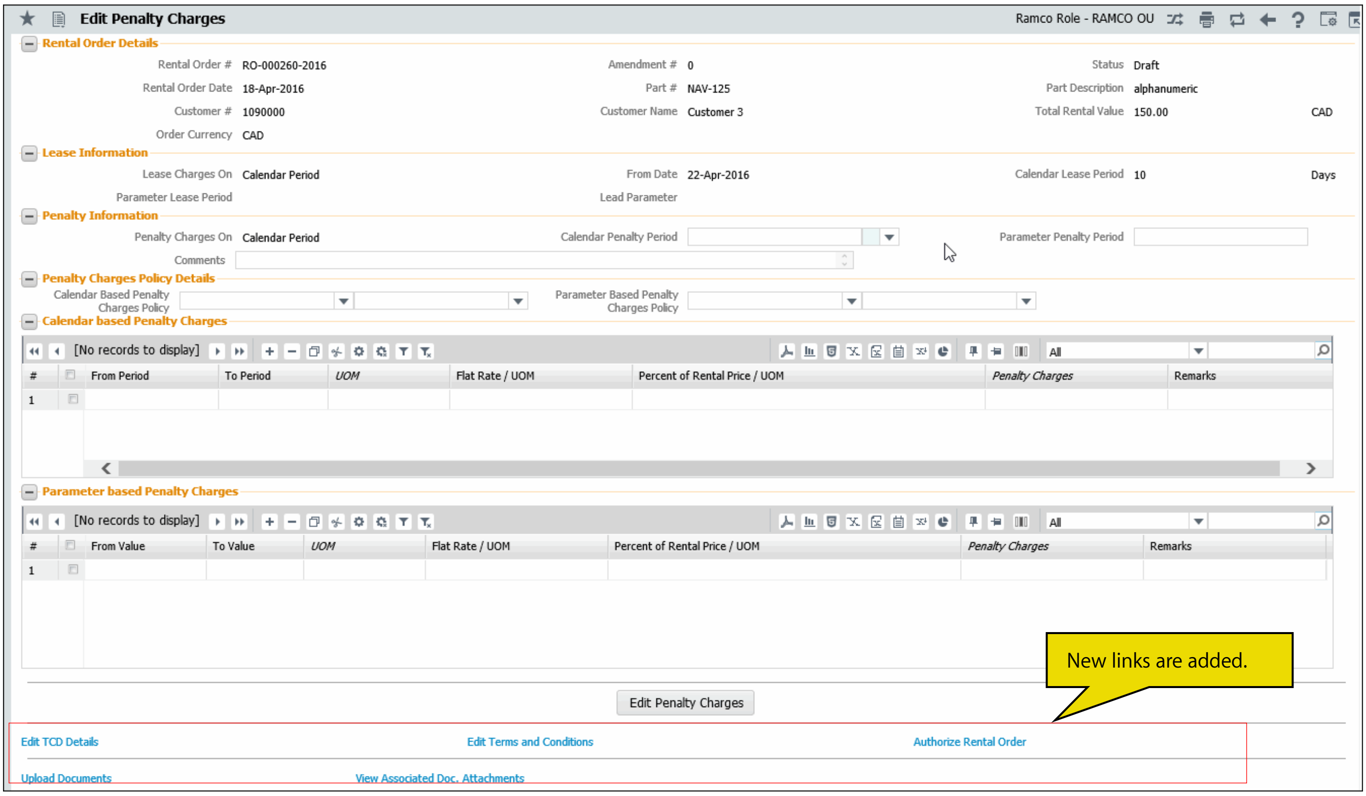
Exhibit 8: Identifies the changes in **Edit TCD** screen of the **Edit Rental Order** activity



In the **Edit Penalty Charges** screen in **Edit Rental Order** activity under the **Rental Order** component following changes are made:

- Two columnar approach has been changed to three columnar approach.
- New links are added at the bottom of the screen.
    - Edit Terms and Conditions
    - Edit TCD Details
    - Authorize Rental Order
    - Upload Documents
    - View Associated Doc Attachments

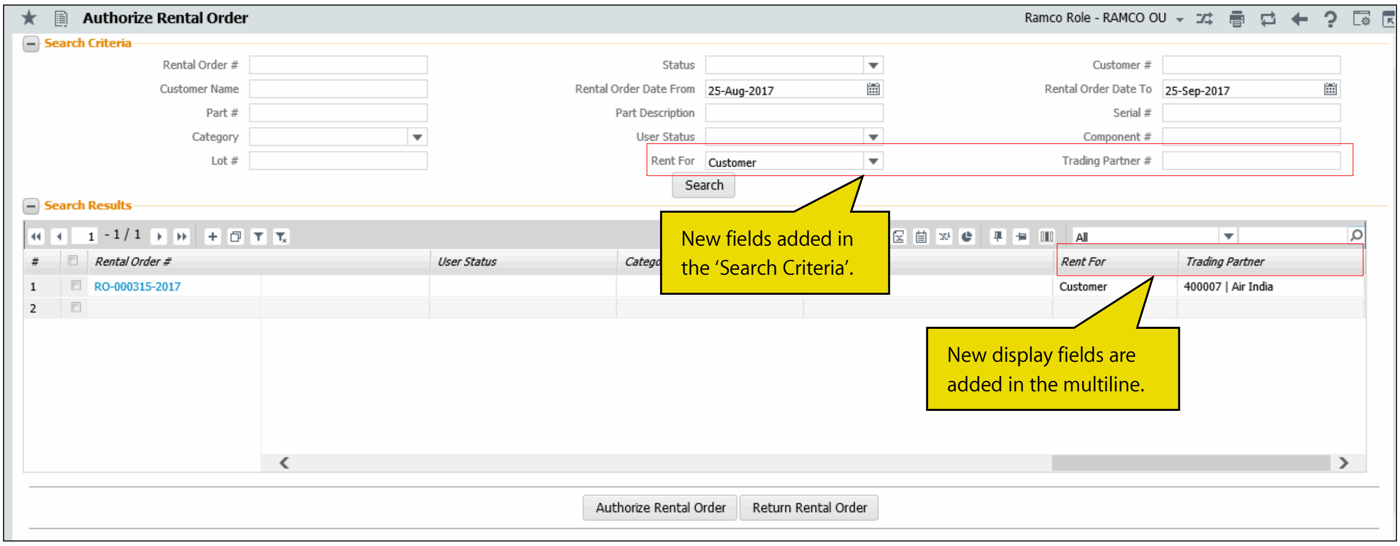
Exhibit 9: Identifies the changes in **Edit Penalty Charges** screen of the **Edit Rental Order** activity



In the **Authorize Rental Order** activity under the **Rental Order** component following changes are made:

- Two columnar approach has been changed to three columnar approach.
- Two new fields are added in the 'Search Criteria' section:
  - A new drop-down 'Rent For' is added and this will be loaded with the values 'Customer', 'Self' and 'Blank'.
  - New editable field 'Trading Partner #' is added to specify the customer who owns the renting out parts.
- Two new display only fields 'Rent For' and 'Trading Partner' are added in the 'Search Results' multiline to facilitate the display of Rental order details on behalf of Customer.

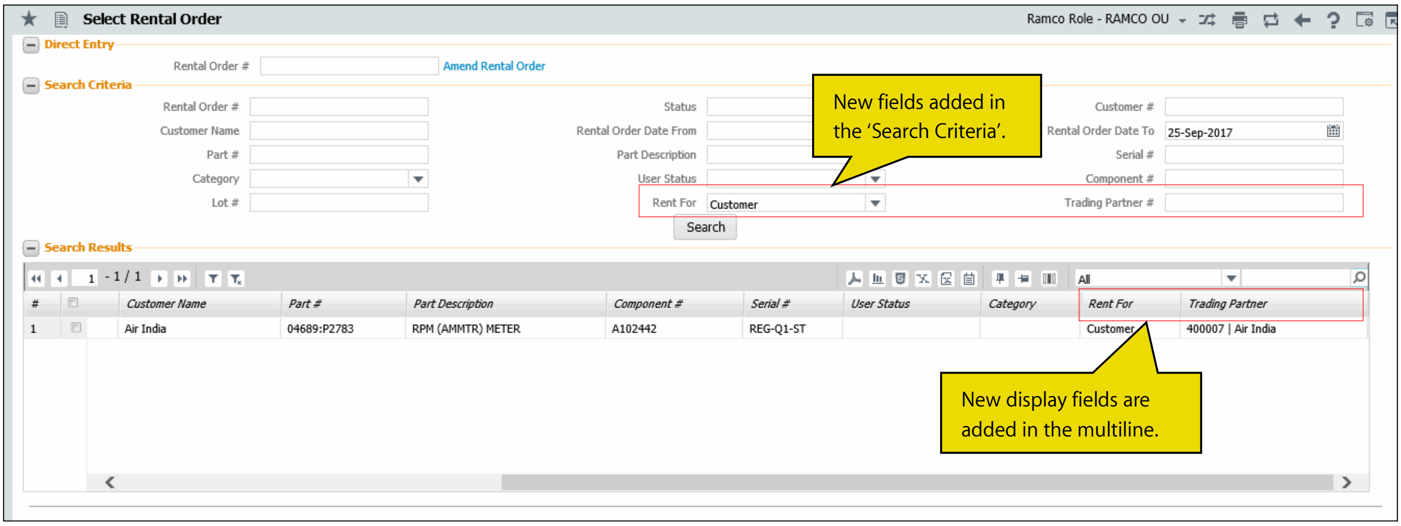
Exhibit 10: Identifies the changes in **Authorize Rental Order** activity



In the **Select Rental Order** screen in **Amend Rental Order** activity under the **Rental Order** component following changes are made:

- Two columnar approach has been changed to three columnar approach.
- Two new fields are added in the 'Search Criteria' section:
  - A new drop-down 'Rent For' is added and this will be loaded with the values 'Customer', 'Self' and 'Blank'.
  - New editable field 'Trading Partner #' is added to specify the customer who owns the renting out parts.
- Two new display only fields 'Rent For' and 'Trading Partner' are added in the 'Search Results' multiline to facilitate the display of Rental order details on behalf of Customer.

Exhibit 11: Identifies the changes in **Select Rental Order** screen of the **Amend Rental Order** activity

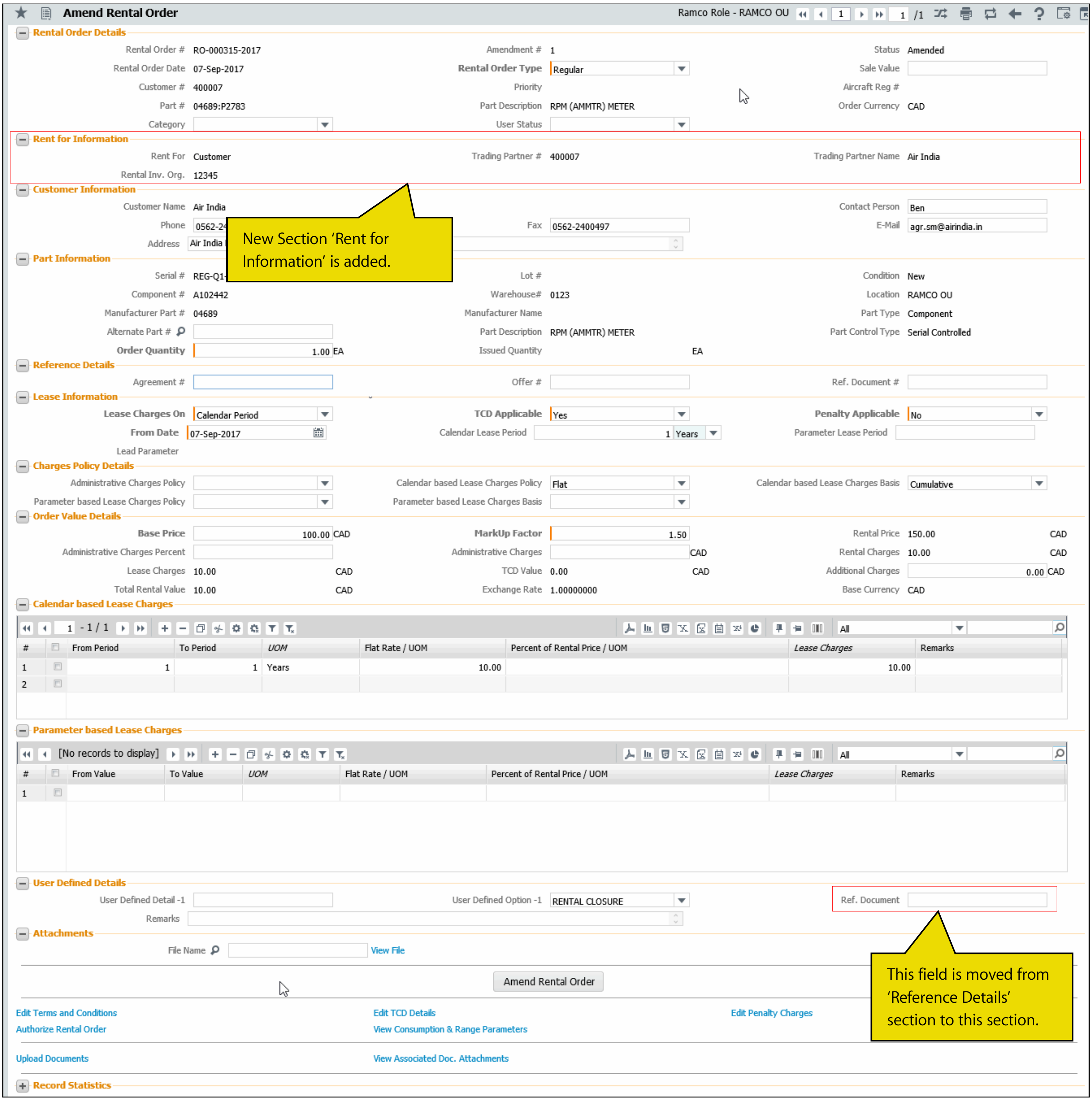


In the **Amend Rental Order** screen of the **Rental Order** component following changes are made:

- Two columnar approach has been changed to three columnar approach.
- A new section 'Rent for Information' is added in the header. Under this section, the following controls are available:

- o Four display fields 'Rent For', 'Trading Partner #', 'Trading Partner Name' and 'Rental Inv. Org.' are added to facilitate the display of Rental order details on behalf of Customer.
- In the 'Reference Details' section, 'Ref. Document' field is moved to the 'User Defined Details' section.

Exhibit 12: Identifies the changes in the **Amend Rental Order** screen



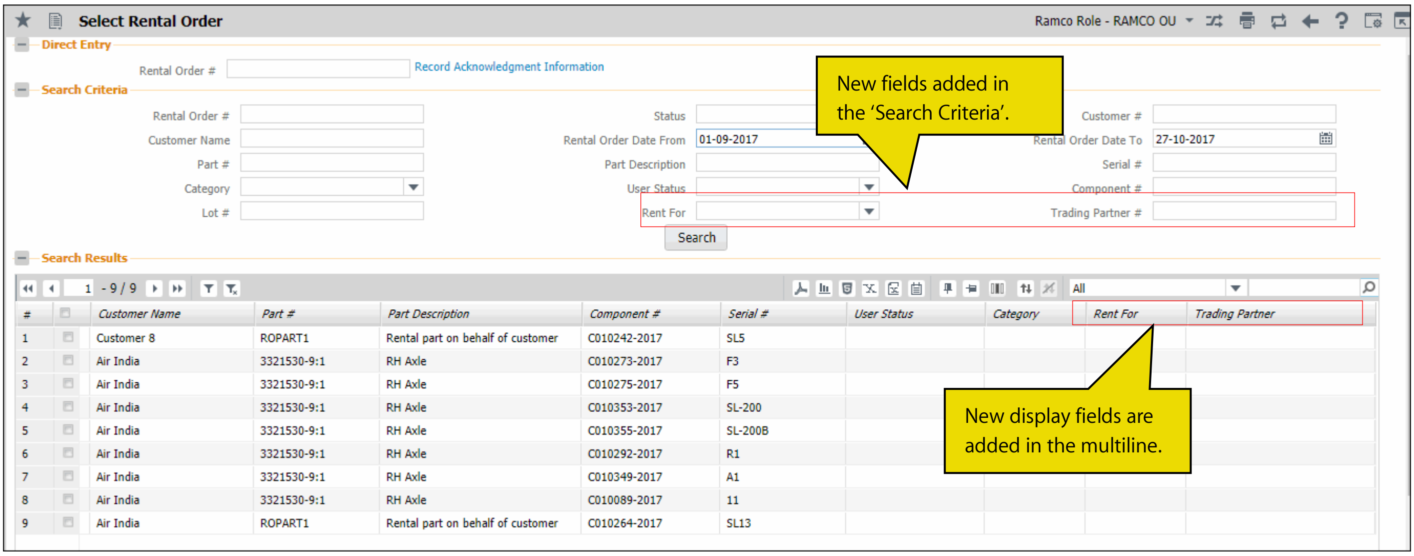
In the **Select Rental Order** screen in **Record Acknowledge Information** activity under the **Rental Order** component following changes are made:

- Two columnar approach has been changed to three columnar approach.
- Two new fields are added in the 'Search Criteria' section:
  - o A new drop-down 'Rent For' which will be loaded with the values 'Customer', 'Self' and 'Blank'.
  - o New editable field 'Trading Partner #' is added to specify the customer who owns the renting out of

parts.

- Two new display only fields ‘Rent For’ and ‘Trading Partner’ are added in the ‘Search Results’ multiline to facilitate the display of Rental order details on behalf of Customer.

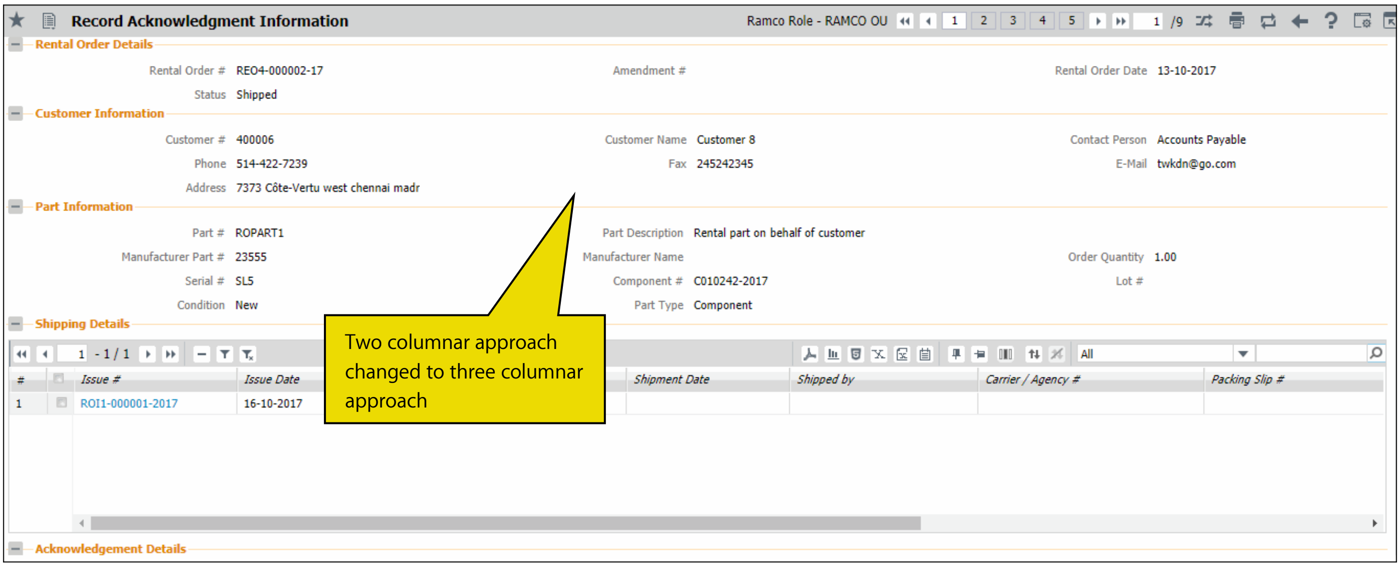
Exhibit 13: Identifies the changes in **Select Rental Order** screen of the **Record Acknowledge Information** activity



In the **Record Acknowledge Information** screen of the **Rental Order** component following changes are made:

- Two columnar approach has been changed to three columnar approach in all the sections.

Exhibit 14: Identifies the changes in the **Record Acknowledgement Information** screen



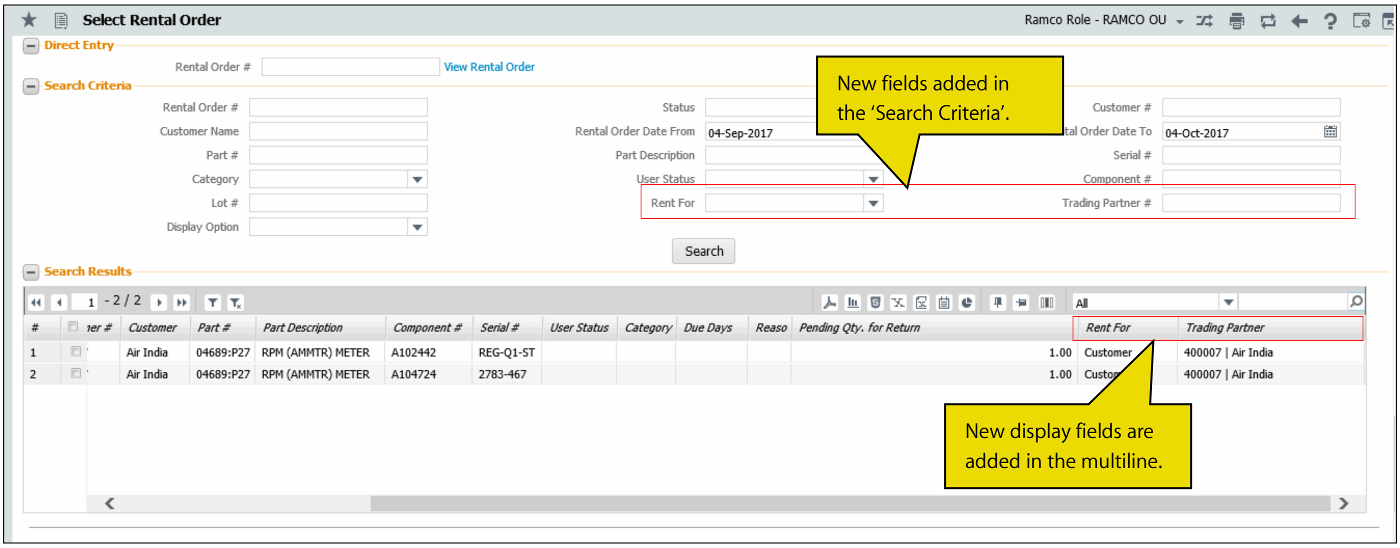
In the **Select Rental Order** screen in **View Rental Order** activity under the **Rental Order** component following changes are made:

- Two columnar approach has been changed to three columnar approach.
- Two new fields are added in the ‘Search Criteria’ section:

- A new drop-down 'Rent For' is added and this will be loaded with the values 'Customer', 'Self' and 'Blank'.
- New editable field 'Trading Partner #' is added to specify the customer who owns the renting out parts.

- Two new display only fields 'Rent For' and 'Trading Partner' are added in the 'Search Results' multiline to facilitate the display of Rental order details on behalf of Customer.

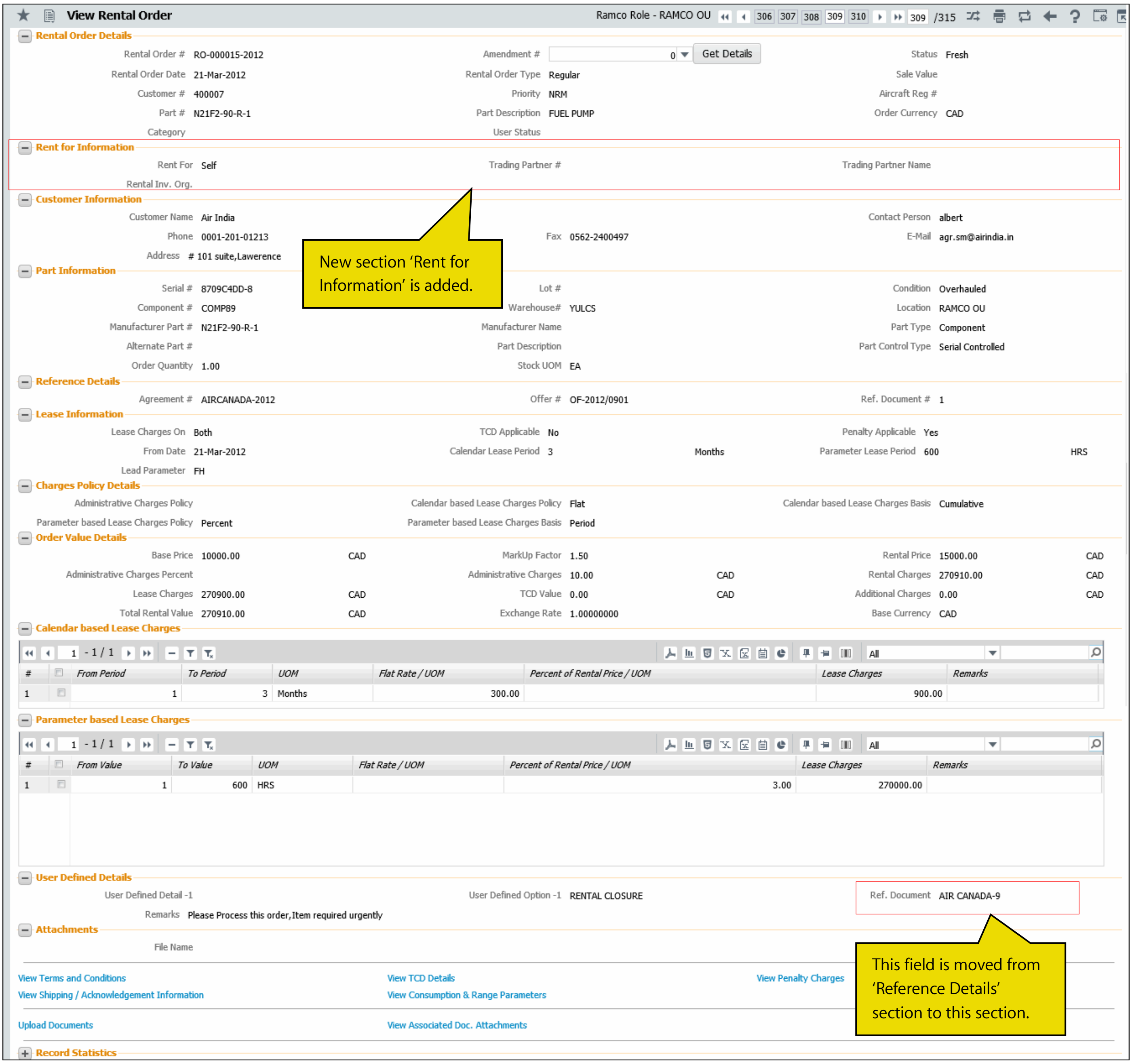
Exhibit 15: Identifies the changes in **Select Rental Order** screen of the **View Rental Order** activity



In the **View Rental Order** screen of the **Rental Order** component following changes are made:

- Two columnar approach has been changed to three columnar approach.
- A new section 'Rent for Information' is added in the header. Under this section, the following controls are available:
  - Display only controls 'Rent For', 'Trading Partner #', 'Trading Partner Name' and 'Rental Inv. Org.' are added.
- In the 'Reference Details' section, 'Ref. Document' field is moved to the 'User Defined Details' section.

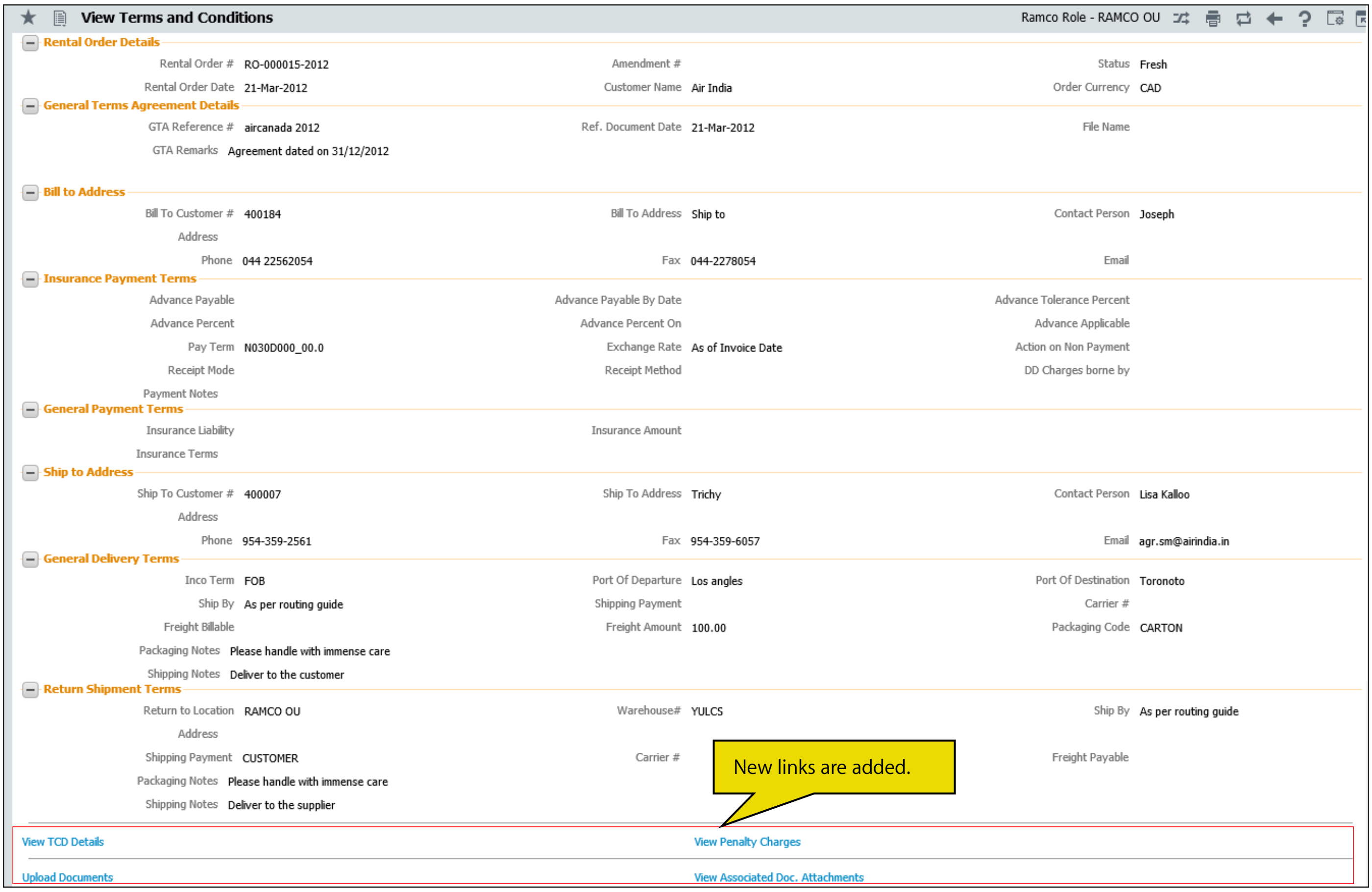
Exhibit 16: Identifies the changes in the **View Rental Order** screen



In the **View Terms and Conditions** screen in **View Rental Order** activity under the **Rental Order** component following changes are made:

- Two columnar approach has been changed to three columnar approach.
- New links are added at the bottom of the screen.
    - View TCD Details
    - View Penalty Charges
    - Upload Documents
    - View Associated Doc Attachments

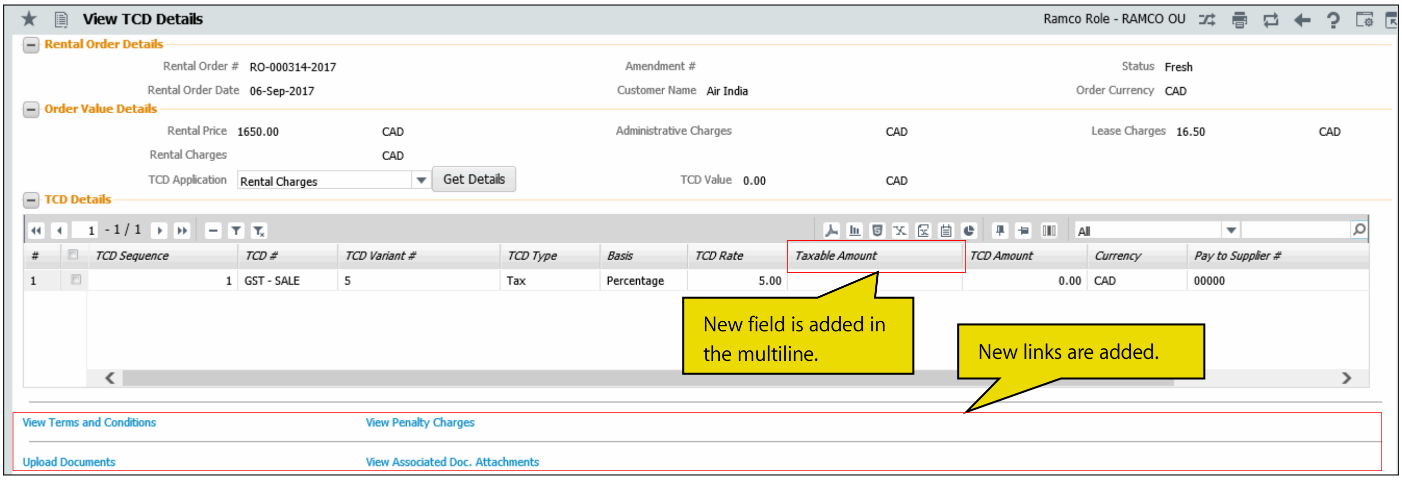
Exhibit 17: Identifies the changes in **View Terms and Conditions** screen of the **View Rental Order** activity



In the **View TCD Details** screen in **View Rental Order** activity under the **Rental Order** component following changes are made:

- Two columnar approach has been changed to three columnar approach.
- A new display field 'Taxable Amount' is added in the 'TCD Information' multiline which specifies the taxable amount on which the TCD amount is calculated.
- New links are added at the bottom of the screen.
  - View Terms and Conditions
  - View Penalty Charges
  - Upload Documents
  - View Associated Doc. Attachments

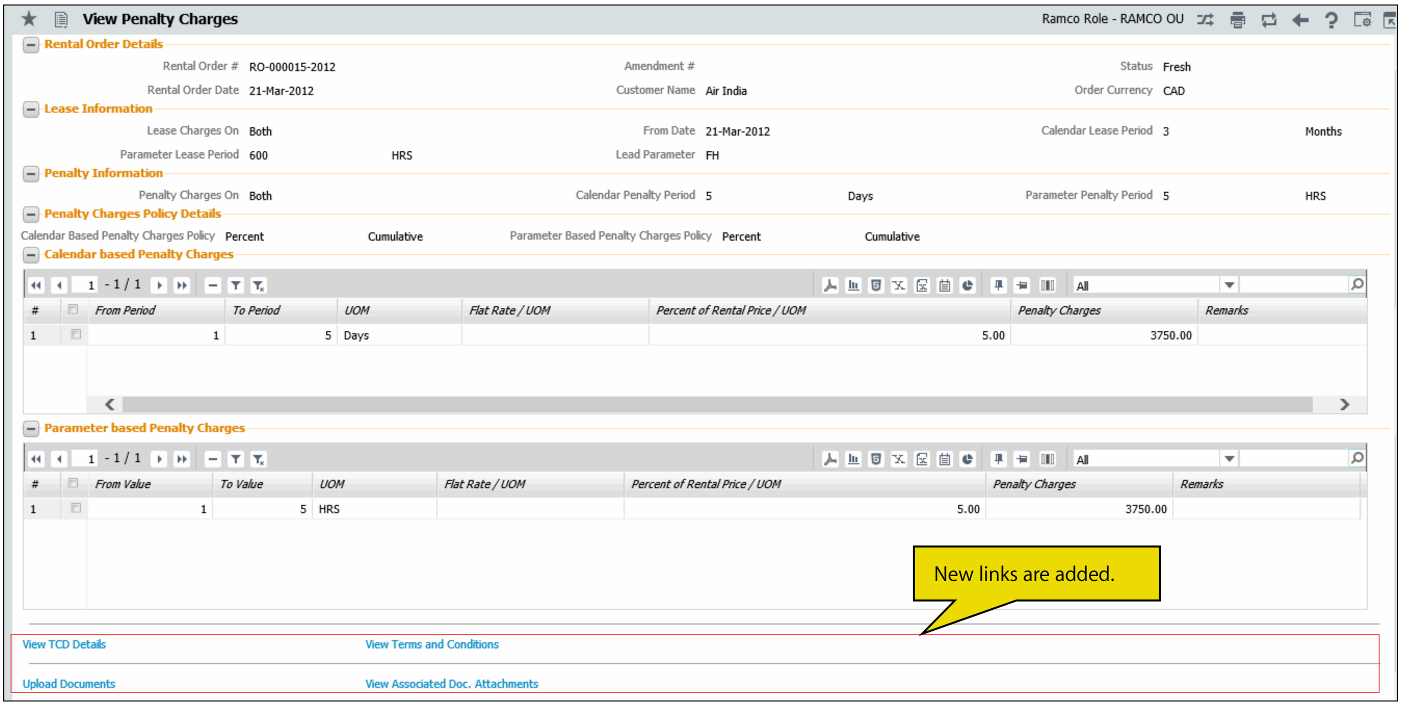
Exhibit 18: Identifies the changes in **View TCD** screen of the **View Rental Order** activity



In the **View Penalty Charges** screen in **View Rental Order** activity under the **Rental Order** component following changes are made:

- Two columnar approach has been changed to three columnar approach.
- New links are added at the bottom of the screen.
    - View TCD Details
    - View Terms and Conditions
    - Upload Documents
    - View Associated Doc. Attachments

Exhibit 19: Identifies the changes in **View Penalty Charges** screen of the **View Rental Order** activity



Accounting Impact

Background

Currently, Rental Order only supports Renting part(s) which are owned by the organization. This enhancement allows user to Rent out part(s) on behalf of Customer which is a group Company. This will bring provision to carry out transaction on behalf of the related companies and recording the same in the respective books of accounts. Though all the transactions are carried out by Source Company, Account postings for the same are recorded in Destination Company.

Change Details

Group Company (related Company) need to be set up in Ramco Application by virtue of which relationship shall be established amongst them to carry out transactions on behalf of another. To carry out business, Transacting Company need to identify its Destination Company. After Identification, it need to set up the **Customer Master** with **Nature of Customer** as 'Group Company' and specify the unique **Company Code** i.e., Destination Company Code.

For Instance: - Transacting Company 'ABC Ltd.' needs to Rent part(s) on behalf of its Group Company say 'XYZ Ltd.', then in the books of 'ABC Ltd.', Customer Master shall be set up in the name of 'XYZ Ltd.' and it is identified as Group Company/Trading Partner.

Rental Order Accounting:

Account Postings for Rental Order has been enhanced to post the accounting entries in the destination/ group company books for the rental orders created on behalf of group company customer.

Accounting Entries for Rental Issue, Rental Receipt and Rental Sale will be posted in the group company, based on the group company relationship established in the Maintain Organization Parameters screen between the source (Definition for) and the destination (Transacting with) company.

WHAT'S NEW IN PROCUREMENT MANAGEMENT?

Ability to Configure Printer for FeDEX label printing

Reference: AHBG-15956

Background

With the existing approach, FedEx label will be printed based on the User mapping done through Backend. If the different printer needs to be used for WayBill Printing, then the same needs to be mapped through backend. Hence there is a requirement to configure the User-Printer mapping through Configure Printer in **Logistics Common Master** business component.

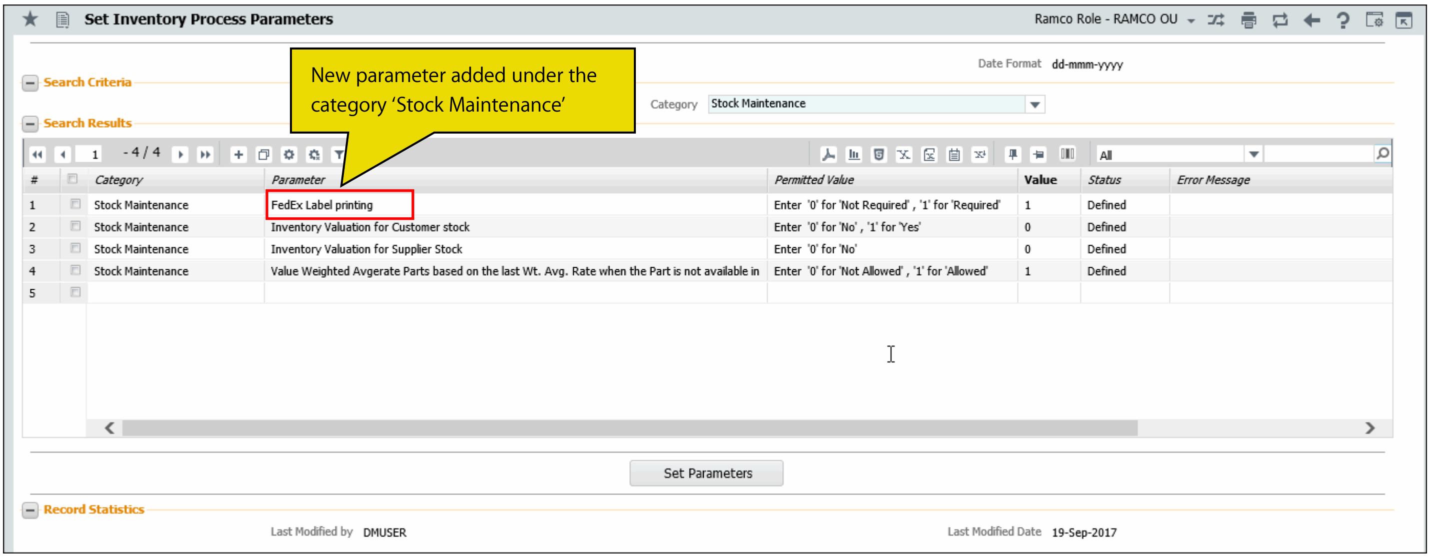
Change Details

Logistics Common Master

A new set option is added under the Category 'Stock Maintenance' in the **Set Inventory Process Parameters** screen of the **Logistics Common Master** business component to facilitate FedEx label printing.

- 'FedEx Label printing' is added with the following options:
    - Required – 'FedEx Label printing' by configuring the User-Printer mapping is required.
    - Not Required – 'FedEx Label printing' by configuring the User-Printer mapping is not required.

Exhibit 1: Identifies the option setting in **Set Inventory Process Parameters** screen in **Logistics Common Master** business component



Configure Printer

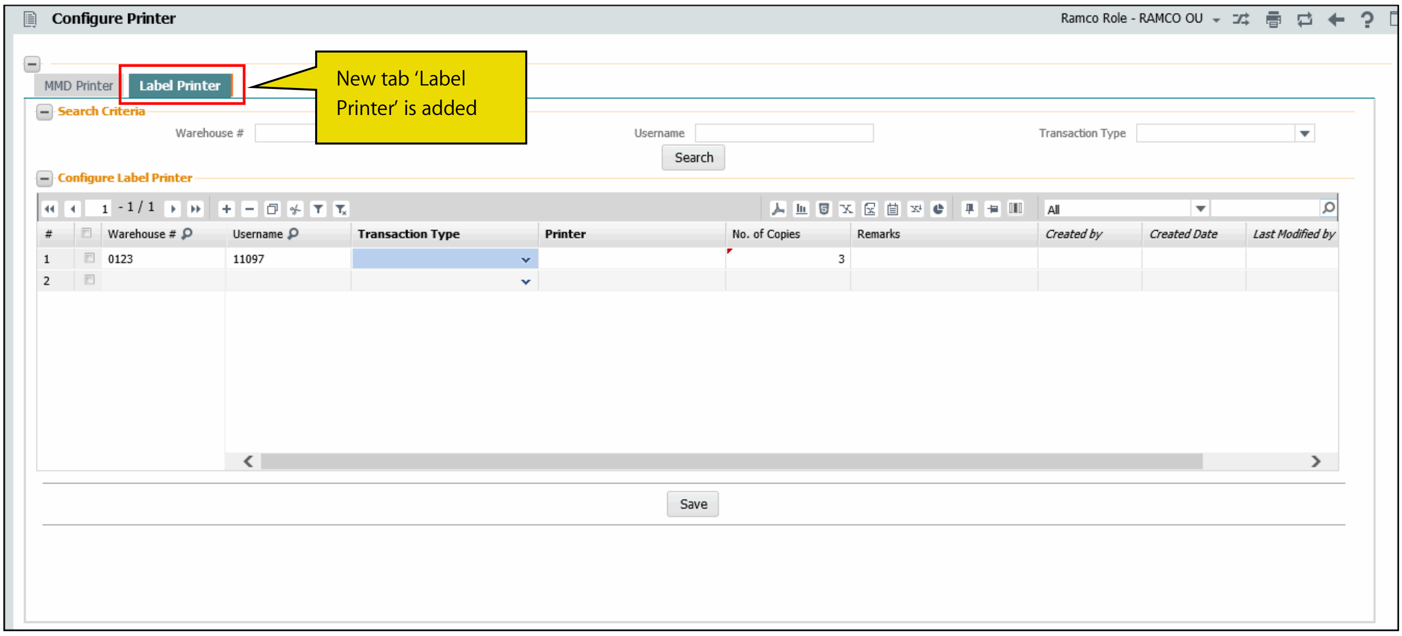
A new tab 'Label Printer' is added in the **Configure Printer** screen of the **Logistics Common Master** business component to facilitate configuration of the User-Printer mapping for WayBill printing.

1. Warehouse # - Identifies the warehouse # to which the printer must be connected for WayBill printing.
2. Username – Identifies the user with whom the printer is mapped for WayBill printing.
3. Transaction Type – The Transaction Types that can be routed to the printer for producing hard copies.

4. Printer – The printer that is connected to the warehouse for producing hard copies.
5. No. of Copies – Specifies the number of copies that the printer automatically prints.

Note: Whenever the User-Printer mapping for WayBill printing details are being modified, then a history for the modified values will be maintained.

Exhibit 2: Identifies the new tab in **Configure Printer** screen in **Logistics Common Master** business component



Upon confirmation of Shipping Note document, the system prints the FedEx WayBill # in printer that is specified in the Configure label printer in **Configure Printer** screen.

WHAT'S NEW IN STOCK MANAGEMENT REPORTS?

Ability to display an Overdue Sub-Assembly in Shelf Life Expiry / Maintenance Due List Report

Reference: AHBG-17114

Background

Currently the Shelf Life Expiry / Maintenance Due List Report displays the component parts that are available in stock, for which the expiry / maintenance is due. When a sub assembly component part is attached to another component (Parent) and the Sub-assembly component part is due for maintenance or shelf life expired, then the same should be displayed in Shelf Life expiry/maintenance Due report. Hence, there is a requirement to provide an ability to display the sub-component parts that are attached to the parent part, if they are due for shelf life expiry or maintenance.

Change Details

The **Shelf Life Expiry / Maintenance Due List** report displays the details of the sub-component parts that are attached to the parent part, if they are due for shelf life expiry or maintenance. When the sub-component parts are displayed in the report, then Attached parts details (i.e. Part #, Serial # & Part Description) will also be shown along with the sub-component parts.

Example: Consider that P1-S1 is a component part that is in stock (E.g. Engine). P2-S2 is a sub-component part attached to P1-S1 (E.g. Engine Fan Frame). P3-S3 is a sub-component part attached to P2-S2 (E.g. Actuator ring).
Currently, if P1-S1 is due for shelf life expiry / maintenance, it will be retrieved in the report. However, P2-S2 and P3-S3, even if they are due for maintenance and shelf life expiry, will not be retrieved in the report. This report is now enhanced to retrieve and display even the sub-component parts P2-S2 and P3-S3 in the report, if they are due for shelf life expiry / maintenance.

Attached Part # must be displayed as 'P1'; Serial # as 'S1' and Part Description as the description of P1 for both P2-S2 and P3-S3.

Exhibit 1: Identifies the new fields displayed in **Shelf Life Expiry / Maintenance Due Report**

Warehouse # : 0123 Base Currency: CAD

Report: Shelf Life Expiry

Sl. No	Zone #	Bin #	Part #	Part Desc	Serial #	Lot #	Mfr. Lot #	Condition	Qty	UOM	Stock Status	Value	Due Date	Due days	SLE
286	01	1	ECH	Engine Part	A2			New	1.00	EA	Accepted	100.00	Not available		Yes
287	01	1	ECH	Engine Part	B1			New	1.00	EA	Accepted	100.00	Not available		Yes
288	01	1	ECH	Engine Part	B3			New	1.00	EA	Accepted	100.00	Not available		Yes
289	01	1	ECH	Engine Part	B6			New	1.00	EA	Accepted	100.00	Not available		Yes
290	01	1	ECH	Engine Part	eee			Unserviceable	1.00	EA	Accepted	0.00	Not available		Yes
291	01	1	ECH	Engine Part	SL-001			Serviceable	1.00	EA	Customer Owned	0.00	Not available		Yes
292	01	1	ECH SUB PART2	ECH sub part2	200			Serviceable	0.00	EA	Accepted	0.00	Not available		No
	Attached Part #: ECH; Serial #: 200; Part Description : Engine Part														
293	01	1	PART 2	Component	SL-00[illegible]2-2016			Unserviceable	1.00	EA	Accepted	50.00	Not available		No
294	0-3	333	Z342: 1CH55-AA	Z342:1CH55-AA	13			New	1.00	EA	Accepted	0.00	Not available		No
295	01	1	Z342: 1CH55-AA	Z342:1CH55-AA	256			New	1.00	EA	Accepted	0.00	Not available		No
296	0-3	333	Z342: 1CH55-AA	Z342:1CH55-AA	569			[illegible]	1.00	EA	Accepted	0.00	Not available		No

Displays attached part details for sub-components

Legend : ** - Hazmat, UOM - Unit Of Measurement, SLE - Shelf Life Extendable,

Generated Date and Time 23/Oct/2017 18:20:15 Page 74 of139

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