

RAMCO AVIATION SOLUTION

ENHANCEMENT NOTIFICATION

Version 5.8.3

Materials

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WHAT'S NEW IN MOBILITY?

Ability to manage Loan Approvals using iPhone

Reference: AHBG-12884

Background

Operational efficiency is one of the key parameters that decide an organization's performance. Operational efficiency is high when the time taken for processing documents in the organization is less. Quick processing of the transaction documents can be ensured if supported anywhere. With the emergence of Smart Phones, business software vendors have started developing various applications to improve the operational efficiency of an organization.

Approve Anywhere application is a boon to the senior management personnel who are responsible for approval of various documents. The Approve Anywhere application reduces the dependencies on desktop application and ensures uninterrupted processing for the Authorizers. Currently, Approve Anywhere app aids the senior management to approve the Purchase Order, Repair Order and Supplier order based invoice documents. A provision is required to support Approval of Loan Order document in Approve Anywhere Application.

Change Details

The **Approve Anywhere** application is enhanced to provide the capability to approve Loan Order documents. However, the list does not end here. In the upcoming releases, many more transactions including those of Stock Corrections, Rental Order etc. can be queued up for approvals. This application is well integrated with the Ramco M&E desktop application, therefore all the work done in this application can also be viewed using the desktop application and vice versa.

To Do List and To Do List Preferences:

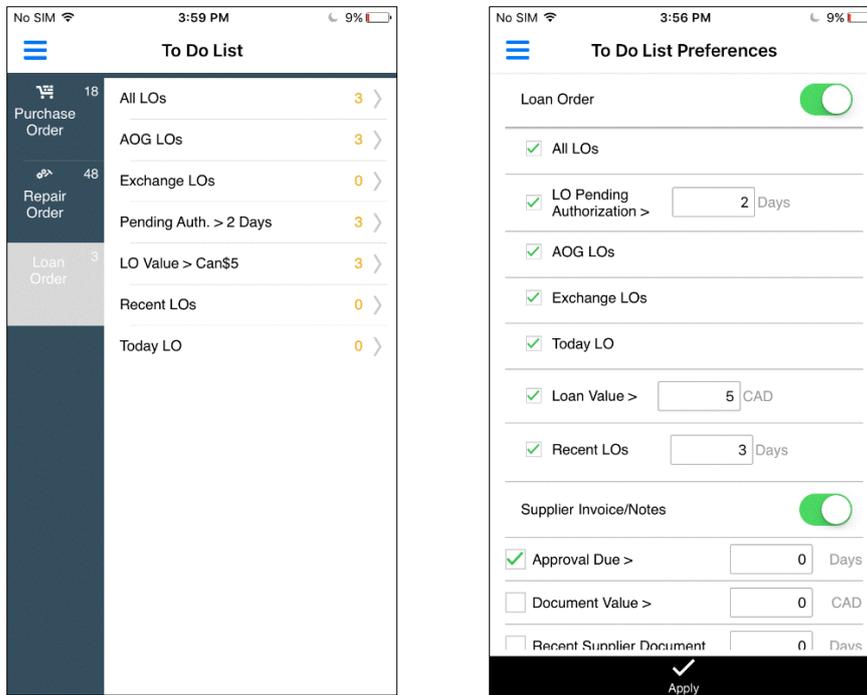
To Do List screen categorizes the Loan Order to be authorized by the login user into different pre-defined categories. Also, any document that is pending for approval can be verified in the filter categories defined by the user in the Custom Filters and act upon them.

For **Loan Orders**, the documents pending for approval by the login user is categorized as follows:

1. All LOs – All the Loan Order documents
2. AOG LOs – Loan Orders with priority as 'AOG'
3. Exchange LOs – Loan Orders of type 'Exchange'
4. LO Value > "X" <Base Currency> - Loan Orders with total value greater than the value configured in the '**To Do List Preference**' screen.
5. Pending Auth. > "X" Days - Loan orders that are pending for authorization for a period greater than the days configured in the '**To Do List Preference**' screen
6. Recent LOs – Loan Orders with last modified date in the recent days, with the number of days configured in the '**To Do List Preference**' screen
7. Today's LO – Loan Orders that are created today

To Do List Preference is the screen in which user can configure the filter categories that are to be visible in the **To Do List** screen. Custom Filters can be defined using Supplier #, Created by Employee #, Status, Loan Order Date, Priority and Loan Order Type.

Exhibit 1: Identifies the **To Do List** and **To Do List Preferences** screens



Actionable User Interfaces

The actionable User Interfaces are the ones in which the user can record the work action that has been carried out in the application after reviewing a document. The possible actions in the application for a document will typically be ‘Authorize’ or ‘Return’.

The current actionable user interfaces available in the application are listed below:

1. Loan Order List
2. Loan Order Details

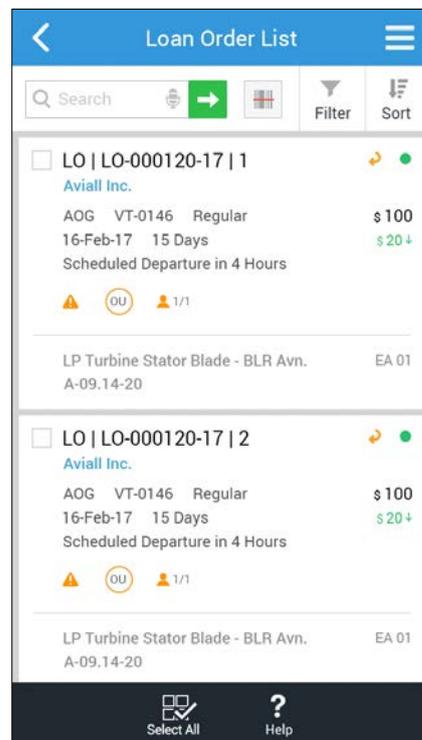
Loan Orders List

Loan Orders List screen lists all the Loan Orders pending for approval by the login user. All the key information of a Loan Order is shown in this screen so that the user can carry out the requested action then and there.

1. Details Displayed
 - a) Document Type / Loan Order # / Amendment #
 - b) Supplier Name
 - c) Priority / Aircraft Reg # / LO Type
 - d) LO Date / Loan Order Period
 - e) Remarks

- f) Part Description
 - g) Part #
 - h) Approval indicator / Return Indicator (Dynamically changes)
 - i) LO Total Value (in Base Currency)
 - j) LO Quantity
2. Swipe Actions
- a) Authorize
 - b) Return
 - c) Reminder
 - d) Approvers List
3. Bottom Bar Actions
- a) Authorize
 - b) Return

Exhibit 2: Identifies the **Loan Order List** screen



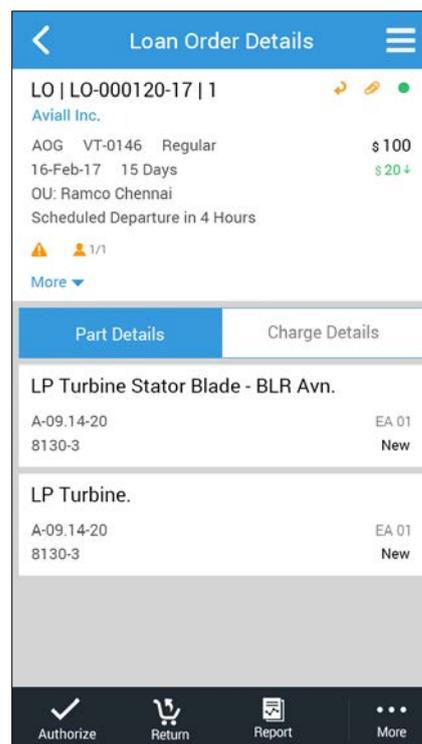
Loan Order Details – Part Details

This screen provides the details of a selected Loan Order document. The information is organized into header information, Part Information and Charge Information multiline. Additional header information of the Loan Order document can be viewed by clicking 'More'. The additional information displayed includes the A/C Reg #, Loan Charges on, Reason for Loan, TCD Applicable, Supplier # etc. After reviewing the details of the Loan Order, the user can Authorize / Return the document from this screen itself.

The information displayed in the Part Details multiline are:

- Part Description
- Part # / UOM / Quantity
- Certificate Type / Condition

Exhibit 3: Identifies the **Loan Order Details – Part Details** screen



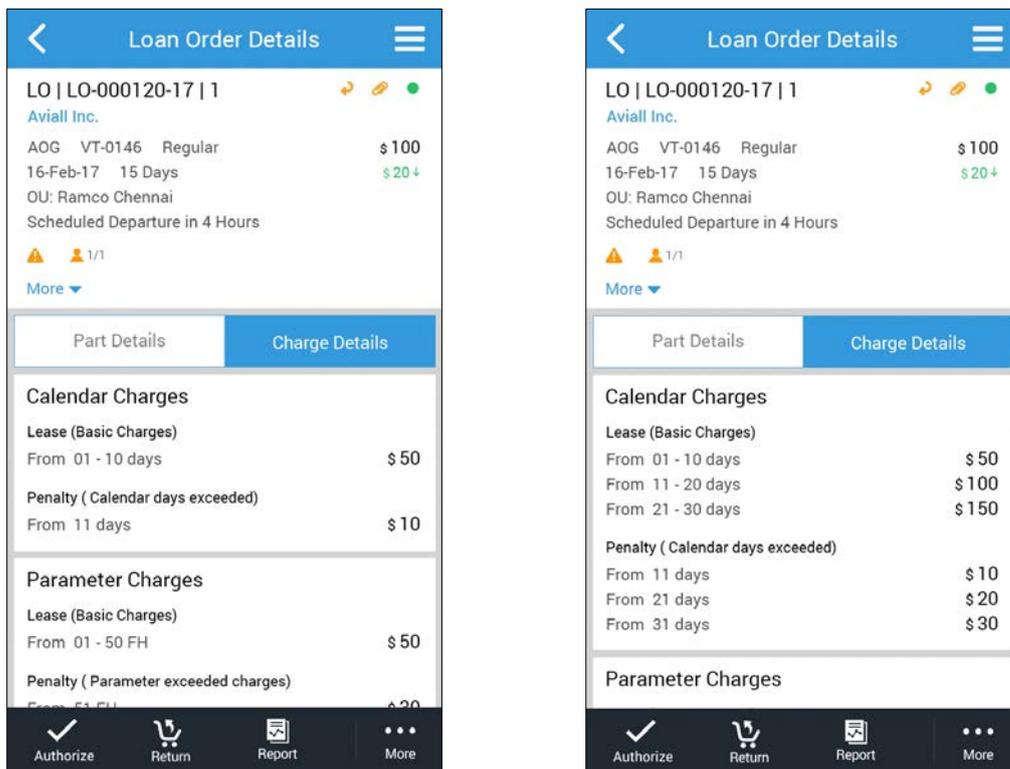
Loan Order Details – Charge Details

The information displayed in the Charge Details section are:

- Calendar based Lease Charges
 - Lease (Basic Charges)
 - From Date Range (XX – XX) days / Value (In base currency).
 - Penalty (Calendar days exceeded)
 - From Date (XX) days / Value (in base currency)

- Parameter Charges
 - Lease (Basic Charges)
 - From Date Range (XX – XX) days / Value (In base currency).
 - Penalty (Calendar days exceeded)
 - From Date (XX) days / Value (in base currency)

Exhibit 4: Identifies the **Loan Order Details – Charge Details** page



General Screens

Apart from the above screens, there are few screens that are common for both Purchase Order and Repair Order management activities. Same screen is now enhanced to display the Loan Order documents.

Approvers List

Approvers List screen lists the different authorizers who need to authorize the document. The screen will display the basic information of the document along with the approvers list. Also, the OU and authorization comments shall be displayed next to the user details.

Amendment History

This screen lists the key values of a document in the previous amendments. User can view the key values of the document like Document Type, Expense Type, Remarks, Number of Parts, and Value etc. If the user wants to view the entire details of a given amendment, the particular amendment can be tapped and the details screen opens for that amendment.

Exhibit 5: Identifies the **Approvers List** screen



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

WHAT'S NEW IN PROCUREMENT MANAGEMENT?

Ability to record spares for subcontract PO

Reference: AHBG-8276

Background

In aviation industry, at times, cost of procurement is high for some parts which can be manufactured if all the raw materials are readily available, resulting in low cost in comparison to procuring the same part. Ramco M&E doesn't have a provision to facilitate subcontract manufacturing in PO to ship the raw materials to vendor and receive the manufactured part and also returnable spares through GI. Business requirement is to facilitate subcontract manufacturing by vendors to be managed in Purchase Order. This enhancement supports the following features:

- Identify spare parts for Subcontract manufacturing against each PO Line # (Part Level).
- Issue Spare parts and ship it to vendor against the PO document.
- Record Usage information of spares and facilitate return of unused spares.
- Ship additional spares as requested by the vendor without requiring PO approval.
- Add spares cost during receipt of manufactured parts along with the Order Cost and value in inventory.
- Shortclose PO document and receive the spares back.
- Separate Numbering type for PO spares issue

Change Details

Purchase Order

A new checkbox 'Subcontract' is added in PO details section and a new link **Manage Spares for Subcontract PO** is added in Create PO / Edit PO / Amend PO / PR Based PO screens, to facilitate subcontract manufacturing by vendors. Also a display only field 'Subcontract' is added in View PO screen.

Exhibit 1: Identifies the addition of 'Subcontract' check box and **Manage Spares for Subcontract PO** link in **Create Purchase Order** screen

PO Information

Purchase Order # [] Status [] Numbering Type **PO** []
 PO Date 16/06/2017 [] PO Category [] User Status []

PO Details Supplementary Details

PO Details

PO Type **General** [] Expense Type **Revenue** [] Receipt Recording Option **GR Movement** []
 PO Priority **A1** [] Aircraft Reg # [] Component # []
 Buyer Group [] Quality Attribute Check **No** [] Part Type **All** []
 Subcontract Purpose []
 Remarks []

Purchase for & Expense Details

Purchase for **Self** [] Bur. for Trading Partner # [] Go [] Trading Partner Name []
 PO & Inv. Org. [] Expense to [] Billable to Customer?

Supplier Details

Supplier # **001234** [] Supplier Name **Acrobat** [] Contact Person []
 PO Currency **CAD** [] Address ID **1** [] Address []

PO Value

PO Basic Value [] Base Currency Value [] PO Additional Charges []
 PO Total Value [] Exchange Rate []

EDI Details

Default Entries

Part Details

#	Part #	Part Description	Order Qty.	Purchase UOM	Cost	Cost Per	Basic Value	Condition	Certificate Type	Schedule Type
1	A53208-		5.00	AM	10.00			New	8130-3	Single
2										Single

Get Part Details

Create Purchase Order

Manage Spares for Subcontract PO

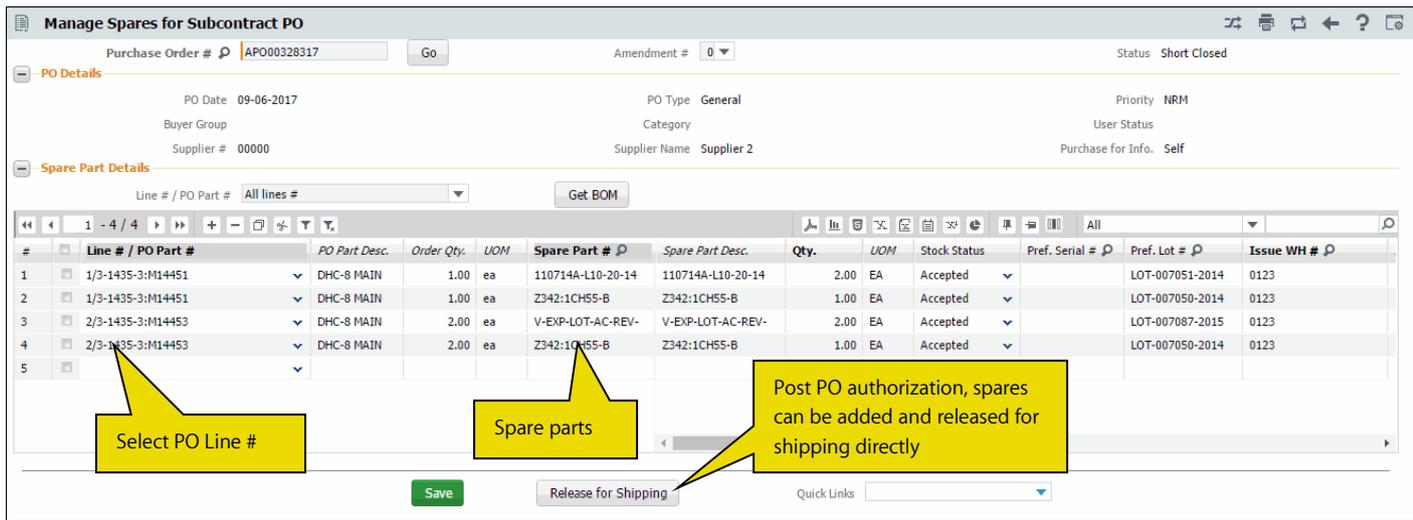
Manage Spares for Subcontract PO link added

Manage Spares for Subcontract PO

A new activity **Manage Spares for Subcontract PO** is added as a left pane activity and as links in Create PO / Amend PO / PR Based PO screens in **Purchase Order** business component. This activity facilitates subcontract manufacturing of parts by shipping the spares to vendors.

- i. Select the Line # of the PO.
- ii. Identify the Spare Parts to be shipped against the PO Part # (Spare Parts can be specified at PO Line # level only when the 'Subcontract' is selected for the PO).
- iii. Specify Serial # / Lot # to be shipped (optional)
- iv. Specify the Issue Warehouse and the Issue Basis (i.e. Returnable or Non-Returnable) of the spare parts.
- v. Specify the Returnable Warehouse information for Returnable parts.
- vi. Once spares details are saved against a Purchase order, then Post PO authorization, spares will be shipped automatically (i.e. Issue will be created automatically) to vendor provided there is a stock exists in the inventory for the recorded spares.
- vii. Post PO authorization, spares can be added and released for shipping directly without requiring to amend / authorize the PO.

Exhibit 2: Identifies the **Manage Spares for Subcontract PO** screen in **Purchase Order** business component



Stock Issue:

Existing **Create Exchange Issue** activity is now renamed as **Create Exchange / Subcontract Issue**. Spare parts that are not shipped due to non-availability of spare quantity in the inventory will be queued in Create Exchange/Subcontract Issue screen.

A new Issue Type 'Subcontract Issue' is added in the Issue Type drop down in the Search Criteria in **Confirm Issue** screen and select pages of **Edit Issue** and **View Issue** screens. On selecting this value, 'Ref. Document Type' drop-down provides the values 'General PO' and 'Express PO'.

Manage Spares Usage details

A new activity **Manage Spares Usage details** has been added to record the usage information of shipped spares. Upon completion of subcontract manufacturing vendor will share the usage quantity or Reconcile quantity. Based on Usage details (i.e. Used Qty), system will update the pending receipt qty information in GI. Through Goods Inward, Receiving clerk will receive the Manufactured Units as well as unused parts upon receipt of manufactured part.

- i. **Used Qty** – Quantity of spare parts that are used for manufacturing operations and are not expected to be returned. Used Qty will be automatically updated with the issued quantity for non-returnable spares as identified in the **Manage Spares for Subcontract PO** screen.
- ii. **Reconciled Qty** – Spares that are not consumed while manufacturing, but vendor is not able to return the spare parts in case of exceptions like lost in transit or damaged during shipment. Spare Parts value of the Reconciled Qty will not be added to the PO Part Cost during receipt.
- iii. **Return Warehouse** – Warehouse at which spare should be returned.

Exhibit 3: Identifies the select screen **Create Exchange / subcontract Issue** activity

#	PO Location	PO #	PO Type	PO Date	Supplier #
1	RAMCO OU	APO00009112	Exchange	07/01/2012	FAP92
2	RAMCO OU	APO00009212	Exchange	09/01/2012	00198
3	RAMCO OU	APO00043412	Exchange	02/03/2012	00198
4	RAMCO OU	APO00046412	Exchange	07/03/2012	00198
5	RAMCO OU	APO00047212	Exchange	09/03/2012	00198
6	RAMCO OU	APO00047312	Exchange	09/03/2012	00198
7	RAMCO OU	APO00047412	Exchange	09/03/2012	00198
8	RAMCO OU	APO00047512	Exchange	09/03/2012	00198
9	RAMCO OU	APO00047612	Exchange	09/03/2012	00198

Exhibit 4: Identifies the new screen **Manage Spares Usage Details** in **Stock Issue** business component

#	Line # / Ref. Doc. Part #	Ref. Doc. Part Desc.	Issued Part #	Issued Serial #	Issued Lot #	Issued Qty	UOM	Used Qty	Reconciled Qty	Return Warehouse #	Remarks	Pend. Return Qty	Returneo
1	1/3-1435-3:M14451	DHC-8 MAIN WHEEL	110714A-L10-		LOT-007051-	2.00	EA	2.00					0.00
2	1/3-1435-3:M14451	DHC-8 MAIN WHEEL	Z342:1CH55-B		LOT-007050-	1.00	EA			0123			1.00
3	2/3-1435-3:M14453	DHC-8 MAIN WHEEL	V-EXP-LOT-AC-		LOT-007087-	2.00	EA	2.00					0.00
4	2/3-1435-3:M14453	DHC-8 MAIN WHEEL	Z342:1CH55-B		LOT-007050-	1.00	EA		1.00	0123			0.00

Document Numbering Class:

A new transaction 'Subcontract Issue' has been defined under Stock Issue Business Component name in Inventory function area in Maintain Numbering Privileges screen under Document Numbering Class business component.

User Defined Stock Status:

A new transaction 'Subcontract Issue' has been added in the Transaction Mapping Details under the Transaction mapping screen available under **User Defined Stock Status** business component.

Logistic Common Masters:

The following set options are added in the **Set Inventory Process Parameters** activity of the **Logistics Common Masters** business component:

- i. A new set option is added under the Category 'MMD Report' to facilitate printing of MMD report for Subcontract Issue.
 - Print MMD for Subcontract Issue?, if the option is set as
 - 'Not required' – Indicates that the MMD Report need not be printed when General Issue is created.
 - Auto Issue – Indicates that the MMD Report needs to be printed when Subcontract Issue is created automatically.
 - Manual Issue - Indicates that the MMD Report needs to be printed when Subcontract Issue is created manually.
 - Both Auto & Manual Issue - Indicates that the MMD Report needs to be printed when Subcontract Issue is created automatically or manually.
- ii. A new set option is added under the Category 'Hazmat Compliance'.
 - 'Subcontract Issue', if the option is set as
 - Enforce Compliance – This option will enforce the user to record hazmat compliance if there are hazmat parts in Subcontract Issue.
 - Not Required – This option will not enforce the user to record hazmat compliance.
- iii. A new set option is added under the Category 'Inspection'.
 - 'Subcontract Issue', if the option is set as
 - Required – Indicates that inspection is required for the subcontract Issue.
 - Not Required – Indicates that inspection is not required for the subcontract Issue.
- iv. A new set option is added under the Category 'Shipping Note – Applicable Transactions'.
 - 'Subcontract Issue', if the option is set as
 - Required – Indicates that Subcontract Issue documents will be considered for Shipping Note.
 - Not Required – Indicates that Subcontract Issue documents will be considered for Shipping Note.

Goods Inward:

Goods Inward document is enhanced to receive the spares against a Purchase Order (Subcontract) document.

Based on the Manage Spares Usage details against the Purchase Order (Subcontract), Pending receipt quantity for the spares will be derived in the Goods Inward (i.e., If Spares are shipped for 5 EA and 3 spares are used while manufacturing, then pending receipt qty will be updated as 2 EA). Spares that are Used while manufacturing, cost will be added to the Manufactured part (i.e. If 5 spares are shipped to vendor against one manufactured part each having a value of USD 120 and the Order cost for the manufactured part in the PO is USD 1200. All the spares are utilized while manufacturing, then the manufactured part cost at the time of receipt is USD 1800). If the spares are shipped against multiple manufactured parts then the used spares cost will be apportioned to received parts.

Ability to manage accounting for Subcontract Manufacturing through PO

Reference: AHBG-7655

Background

The manufacture of some of the aircraft parts may need to be outsourced to an external agency for reasons like lack of expertise or manufacturing infrastructure or cost efficiency. These new parts will then be purchased and received into the inventory by means of a purchase order. Therefore, a provision to manage accounting for the manufacturing expenditure of parts subcontracted to an external agency was required to be incorporated in the Finance function of the product.

Change Details

In order to facilitate the accounting of part manufacture by an external agency, the following changes have been built into the system:

- New Automatic Posting Account (Transit Account): "Subcontract Production WIP" will be introduced for WIP accounting of Spares issued in Subcontract manufacturing in the Create Operative Chart of Accounts page of Accounting Setup. The user must follow the below-mentioned combination while creating account code for Auto Post Account Type - **SUBCONTRACT PRODUCTION WIP**:
 1. Currency- Base Currency
 2. Account Group- Asset
 3. Account Classification- Balance Sheet
 4. Automatic Posting Account Type- SUBCONTRACT PRODUCTION WIP
 5. Layout Heading - Only Asset Headings shall be allowed
- **Subcontract Production WIP – Breakup** report for the value of Spares with the vendor will be introduced to list the balance available against the each of the Subcontract purchase orders (VAB)
- New Predefined usage **SUBCONCONSUMPTION** will be introduced to account post the residual Spare Cost to Consumption in **Account Rule Definition**
- Default Cost Center for **SUBCONCONSUMPTION** will be captured in the Set Parameters- Default Cost Center activity of **BU Parameter Setup**

Account posting for subcontracted parts

Example 1: Costing of Subcontract PO with spares shipment.

Step 1: Subcontract PO

Purchase Order	PO Part #	Order Qty	Order Cost (Per Unit)
PO-002312-16	0-0001-368-106	1	200
	0-0050845-2	1	200

Step 2: Spares to be shipped for Subcontract PO

Purchase Order	PO Part #	Spare Part #	Qty	Issue Basis	Spares Cost
PO-002312-16	0-0001-368-106	254786752	1	Returnable	50
		0-008-106-01	1	Non-Returnable	50
	0-0050845-2	542-789-732	1	Non-Returnable	50
		254786752	1	Non-Returnable	50

Accounting Entry – Spare Issue	
Account	Amount in \$
Subcontract Production WIP a/c Dr.	200
Inventory (stock a/c) Cr.	200

Step 3: Spares Usage Details for Subcontract PO

Purchase Order	PO Part #	Spare Part #	Issued Qty	Used Qty	Pending Return Qty
PO-002312-16	0-0001-368-106	254786752	1		1
		0-008-106-01	1	1	
	0-0050845-2	542-789-732	1	1	
		254786752	1	1	

Step 4: Receiving manufactured parts

Goods Receipt	PO Part #	Serial #	Rcvd./Accepted Qty	Order Cost	Consumed Spares cost
GI-000121-16	0-0001-368-106	MFR-031	1	200	50
	0-0050845-2	MFR-042	1	200	100

Accounting Entry – Receipt of Manufactured Part		
Account	Amount in \$ Part 1: 0-0001-368-106	Amount in \$ Part 1: 0-0050845-2
Stock Suspense a/c Dr. (Order Cost)	200	200
Supplier Suspense Cr. (Order Cost)	200	200
Stock Suspense a/c Dr. (Spare Cost)	50	100
Subcontract Production WIP a/c Cr. (Spare Cost)	50	100

Step 5: Receiving unused spare Parts

Goods Receipt	Spare Part #	Serial #	Received Qty	Issued Spare Cost	Received Spare Cost
GI-000121-16	254786752		1	50	50

Accounting Entry – Receipt of Unused Spare Part	
Account	Amount in \$
Stock Suspense a/c Dr. (Spare Cost)	50
Subcontract Production WIP a/c Cr. (Spare Cost)	50

Step 6: Moving Manufactured Parts to Inventory

Goods Receipt	PO Part #	Serial #	Moved Qty	Inventory Value
GI-000121-16	0-0001-368-106	MFR-031	1	250

Accounting Entry – Movement of Manufactured Part		
Account	Amount in \$ Part 1: 0-0001-368-106	Amount in \$ Part 2: 0-0050845-2
Inventory a/c Dr. (Total Cost)	250	300
Stock Suspense a/c Cr. (Total Cost)	250	300



Note: The above two features involve commercials and are not available for all customers. Please contact your Ramco Account Manager.

Supplier, Warehouse and Purchase Tax Rules capture for Indian GST

Reference: AHBG-12041, AHBG-12008, AHBG-12013, AHBG-12064

Background

Goods and Services Tax (GST) is a proposed system of indirect taxation in India merging most of the existing taxes into single system of taxation. In a GST, different Taxes will be levied based on different group of Parts (i.e. HSN/SAC codes associated to Part) and the movement of the Parts from the supplier to Warehouse (i.e. Supplier Tax Region & Warehouse Tax Region). Provision is required to inherit the Tax codes based on the Tax Region and Part Groups. This enhancement supports the following features:

- Grouping of Parts or Services based on HSN/SAC Codes
- Identify the Tax Region for Warehouse
- Identify the Tax Region for Supplier
- Purchase Tax Rule definition based on Tax Regions, Part Groups & Document Types etc.
- Auto Inherit Document / Part TCD in the Purchase Order, based on the Purchase Tax Rule definition

Change Details

Supplier:

1. Register Supplier Screen

- New Combo Control Column 'Tax Region' is added in 'Address Information' multiline.
- New Combo controls 'User Defined 1', 'User Defined 2', 'User Defined 3' are added in Other Details Section
- New link 'Maintain Entity Level Identification Ref.' is added in links section.

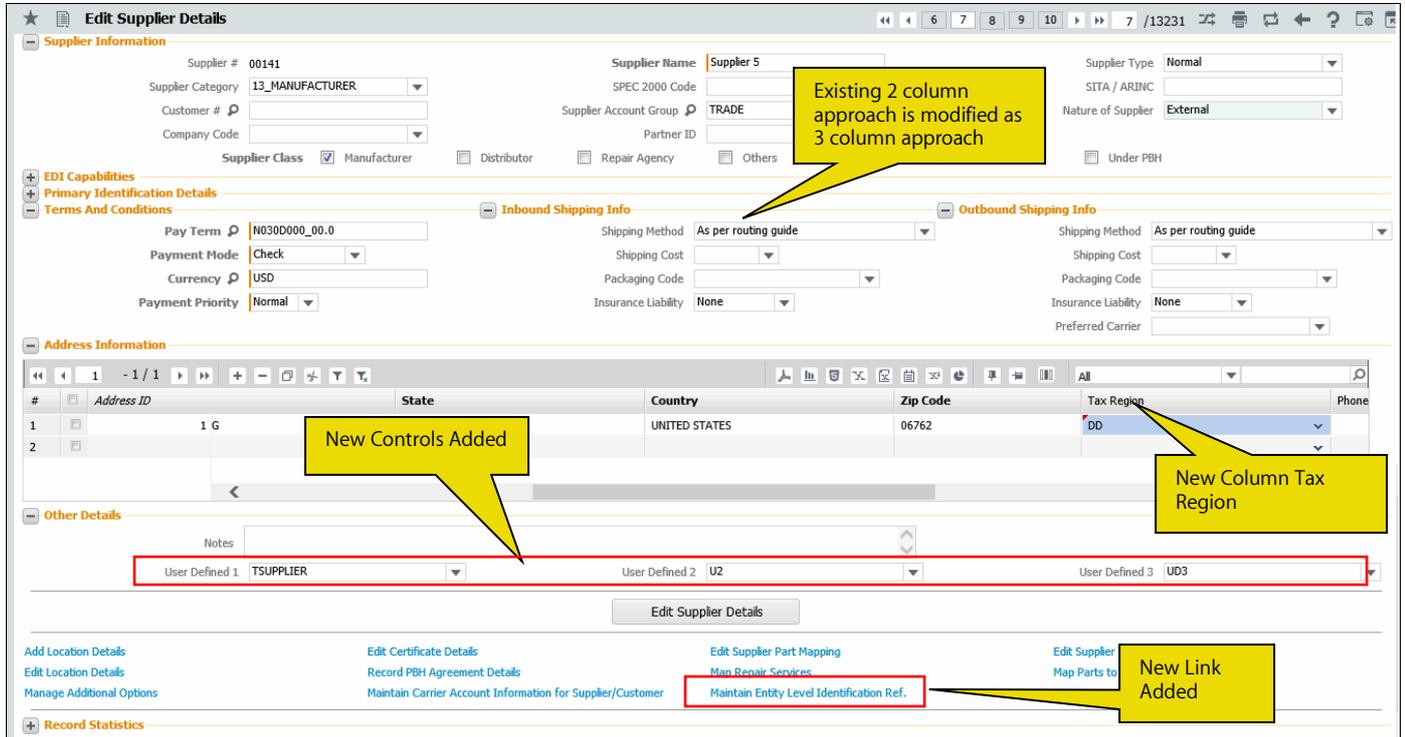
Exhibit 1: Identifies new controls added in Register Supplier screen in Supplier business component

The screenshot shows the 'Register Supplier' form with several sections: Supplier Information, EDI Capabilities, Terms And Conditions, Address Information, and Other Details. A table in the Address Information section has columns for #, Address ID, State, Country, Zip Code, Tax Region, and Phone #. The Tax Region column is highlighted with a callout. The Other Details section has three User Defined fields (UD1, UD2, UD3) highlighted with a callout. The footer contains several links, with 'Maintain Entity Level Identification Ref.' highlighted by a callout.

2. Edit Supplier Details Screen:

- New Combo Control Column 'Tax Region' is added in 'Address Information' multiline.
- New Combo controls 'User Defined 1', 'User Defined 2', 'User Defined 3' are added in Other Details Section
- New link 'Maintain Entity Level Identification Ref.' is added in links section.

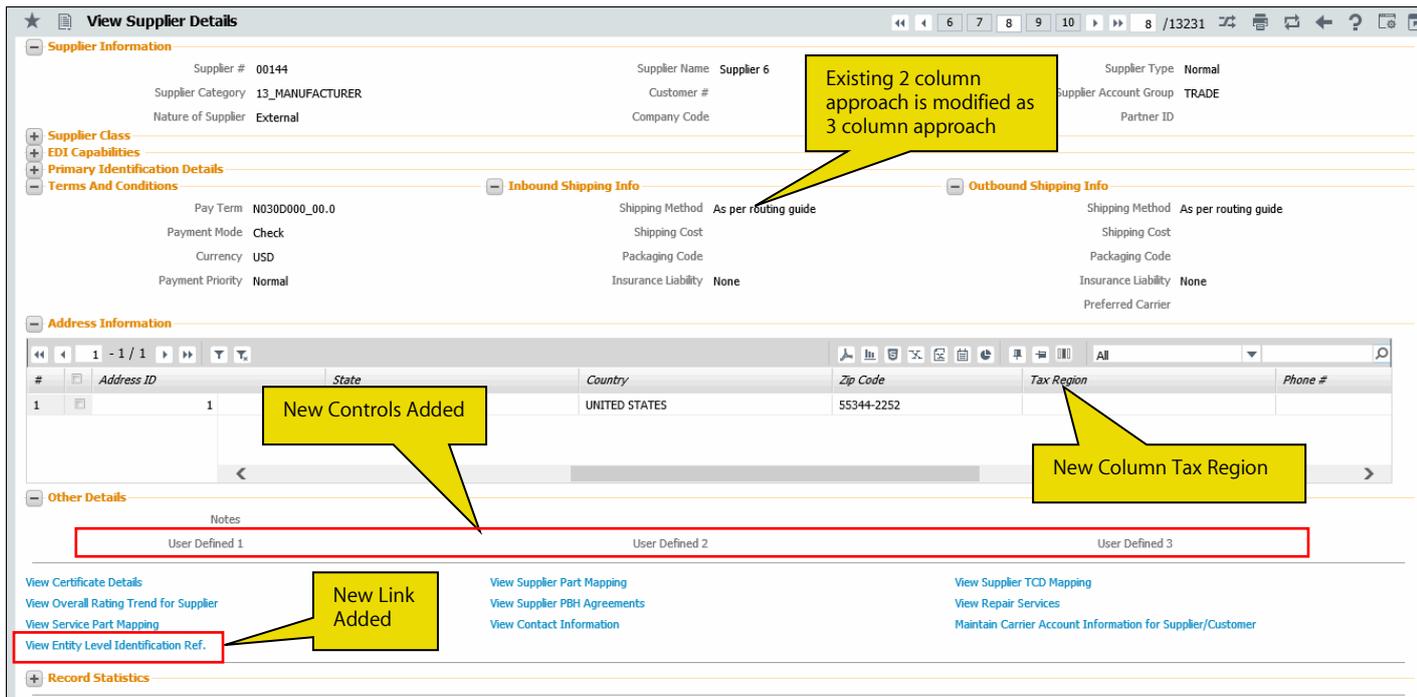
Exhibit 2: Identifies new controls added in **Edit Supplier Details** screen in **Supplier** business component



3. View Supplier Details Screen:

- New Display Only Control Column 'Tax Region' is added in 'Address Information' multiline.
- New Display Only controls 'User Defined 1', 'User Defined 2', 'User Defined 3' are added in Other Details Section
- New link 'Maintain Entity Level Identification Ref.' is added in links section.

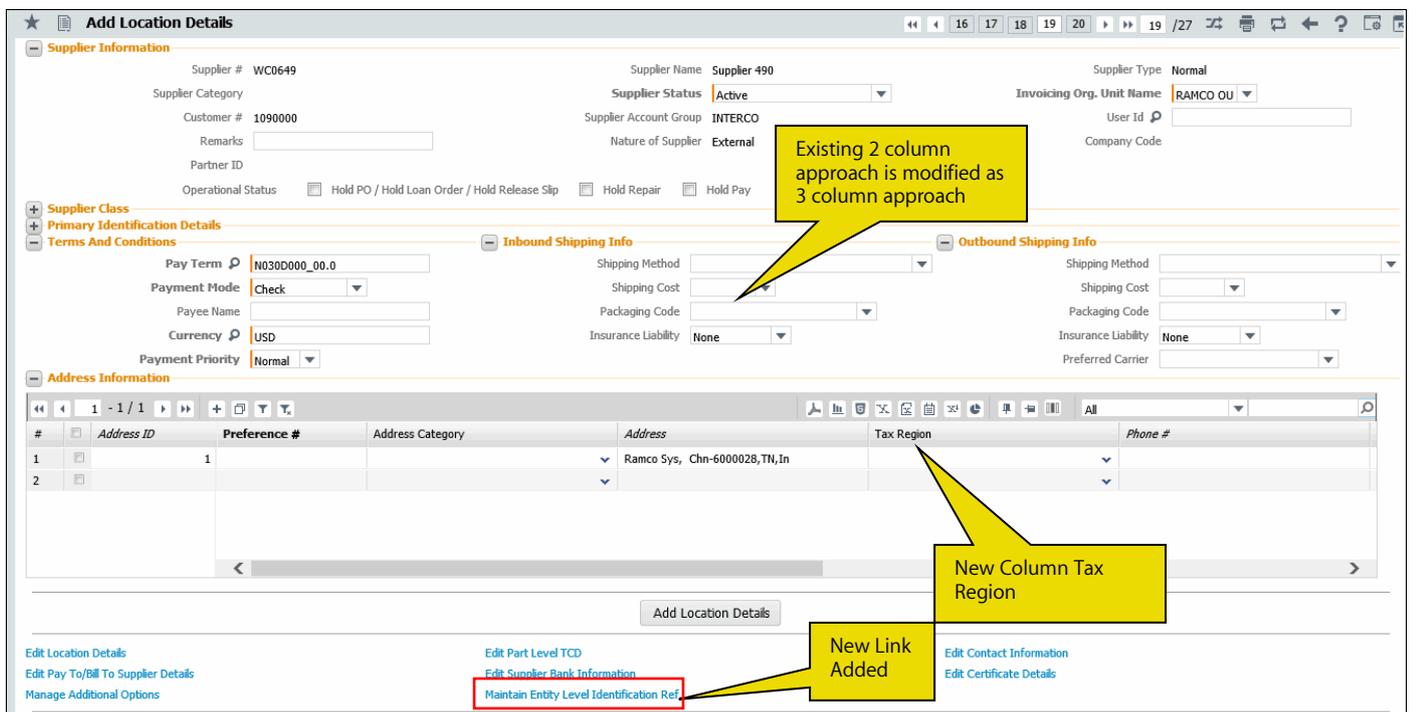
Exhibit 3: Identifies new controls added in **View Supplier Details** screen in **Supplier** business component



4. Add Location Details Screen:

- New Combo Control Column 'Tax Region' is added in 'Address Information' multiline.
- New link 'Maintain Entity Level Identification Ref.' is added in links section.

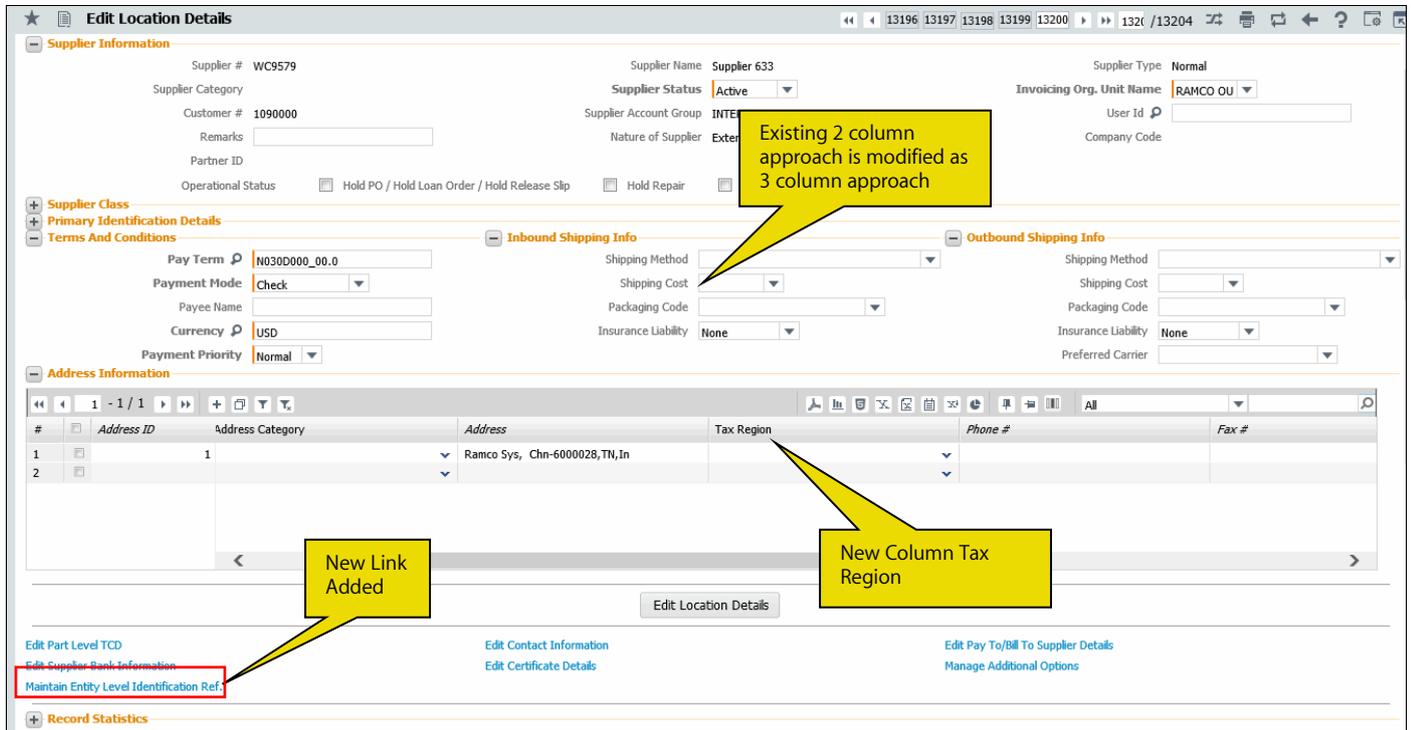
Exhibit 4: Identifies new controls added in **Add Location Details** screen in **Supplier** business component



5. Edit Location Details Screen:

- New Combo Control Column 'Tax Region' is added in 'Address Information' multiline.
- New link 'Maintain Entity Level Identification Ref.' is added in links section.

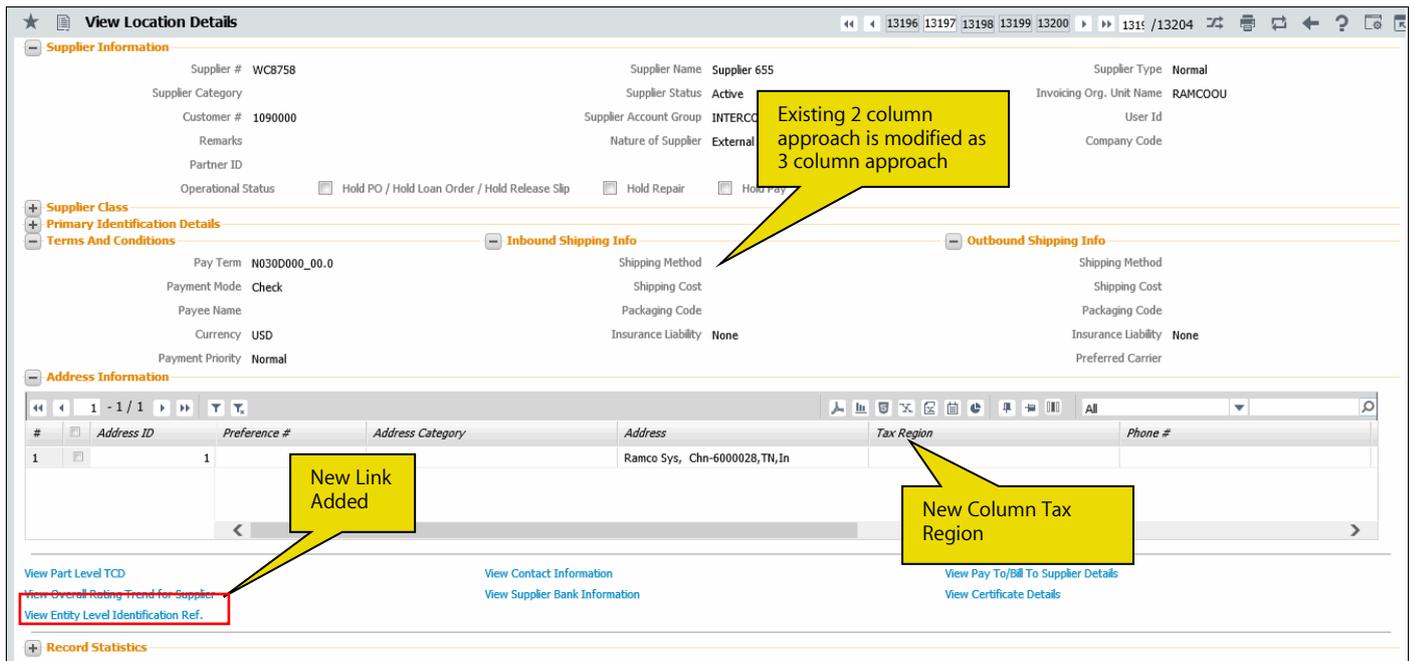
Exhibit 5: Identifies new controls added in **Edit Location Details** screen in **Supplier** business component



6. View Location Details Screen:

- New Display Only Control Column 'Tax Region' is added in 'Address Information' multiline.
- New link 'Maintain Entity Level Identification Ref.' is added in links section.

Exhibit 6: Identifies new controls added in **View Location Details** screen in **Supplier** business component

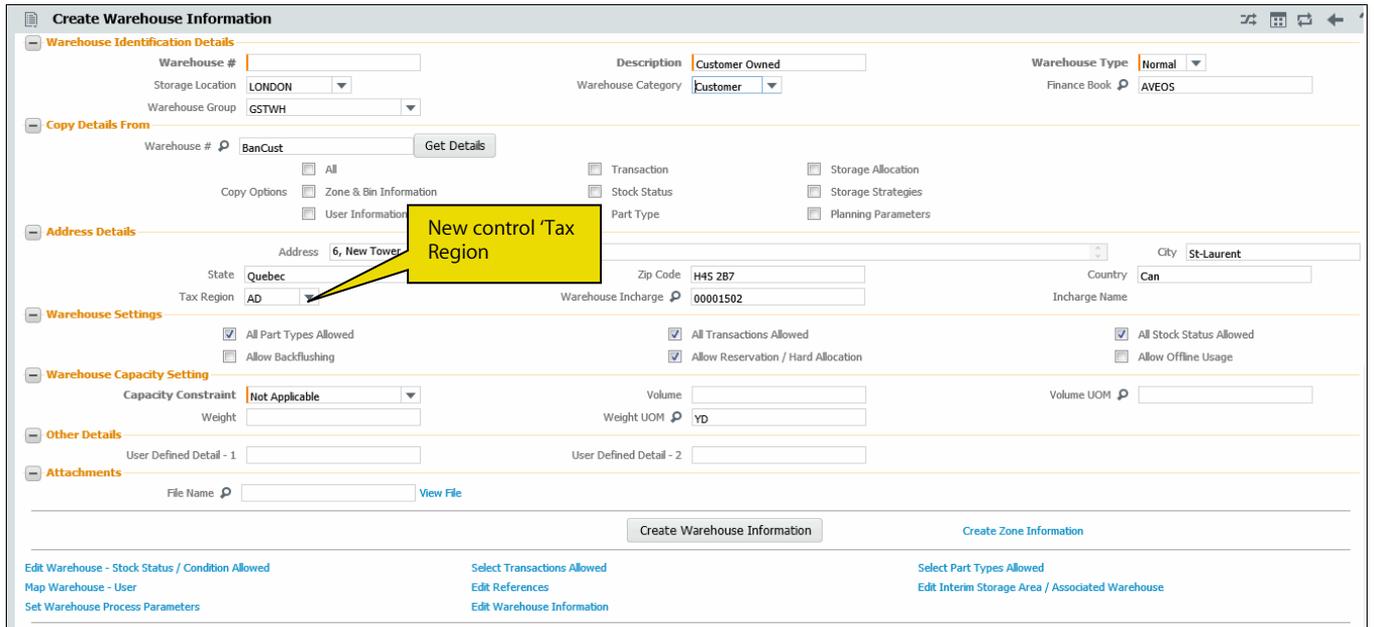


Warehouse:

1. Create Warehouse Information screen:

- A new combo control 'Tax Region' has been added under Address Details Section

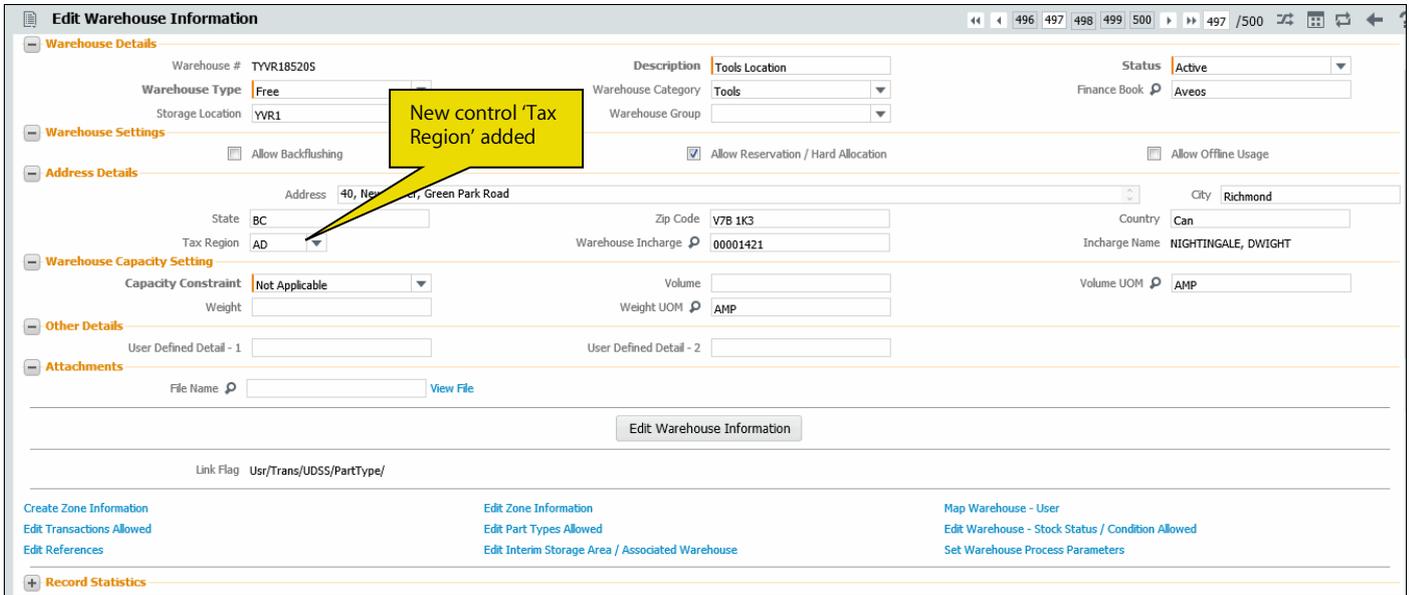
Exhibit 7: Identifies new controls added in **Create Warehouse Information** screen in **Storage Administration** business component



2. Edit Warehouse Information screen:

- A new combo control 'Tax Region' has been added under 'Address Details' section

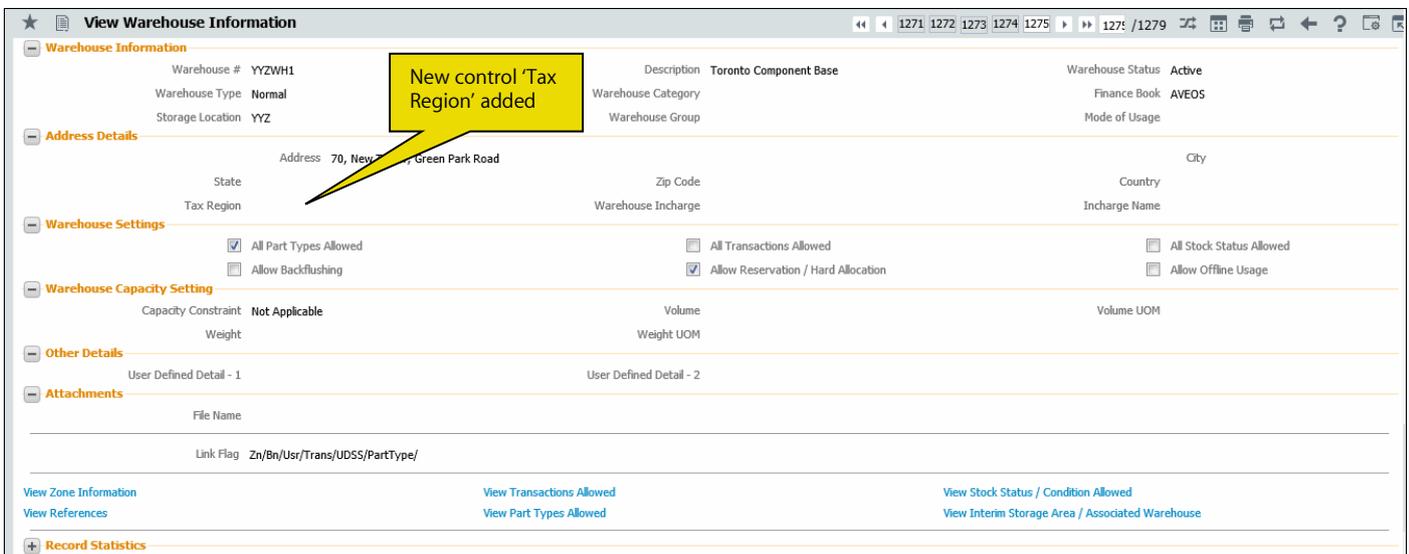
Exhibit 8: Identifies new controls added in **Edit Warehouse Information** screen in **Storage Administration** business component



3. View Warehouse Information screen:

- A new display only control 'Tax Region' has been added under 'Address Details' section

Exhibit 9: Identifies new control added in **View Warehouse Information** screen in **Storage Administration** business component



Manage Purchase Tax Rules

Following controls are added / modified in the 'Tax Rules' multiline.

- New combo controls 'Tax Region from' & 'Tax Region to' are added before Applied on? Combo control.
- Existing combo control 'Part Group' is renamed as 'Part/Service Group'.

Exhibit 10: Identifies new controls added in **Manage Purchase Tax Rules** screen in **Tax, Charges and Discounts** business component

#	Part/Service Group	Document Type	Document Sub Type	Service Category	Purpose	Supplier Group	Warehouse Group	Account Usage	Tax Region from	Tax Region to	Applied on
1	ROTABLES	Purchase Order (PO)	PO-Adhoc		Domestic	GST PARTS VENDOR		1001004	AP	AR	Document
2	ROTABLES	Purchase Order (PO)	PO-Adhoc		Domestic	GST PARTS VENDOR		120400	AN	AP	Document
3	ROTABLES	Purchase Order (PO)	PO-Adhoc		Domestic	GST PARTS VENDOR					Document
4	ROTABLES	Purchase Order (PO)	PO-Adhoc		Domestic	GST PARTS VENDOR					Document
5	ROTABLES	Purchase Order (PO)	PO-Adhoc		Domestic	GST PARTS VENDOR					Document
6		Purchase Order (PO)	PO-General	GENERAL	Domestic	GST PARTS VENDOR		PURCHASE ORDER	UK	AP	Part/Line
7	HSN:ROT	Purchase Order (PO)	PO-General		Domestic	GST PARTS VENDOR		PURCHASE ORDER	UK	AP	Part/Line
8	HSN:ROT	Purchase Order (PO)	PO-Service		Domestic	GST PARTS VENDOR	GSTWH	PURCHASE ORDER	UK	AP	Part/Line
9	HSN:ROT	Purchase Order (PO)	PO-Exchange		Domestic	GST PARTS VENDOR	GSTWH	PURCHASE ORDER	UK	AP	Document
10											

When:

- 1) Option 'Tax Inheritance Basis' is set to 'Tax Rules', and
- 2) Tax rule is defined for a Part/Service group and a Tax Region from / to, with other fields selected,

On generation of PO with above attributes, the Tax according to Indian GST defined for the rule will be fetched automatically and applied at document level or line level as specified in rule.

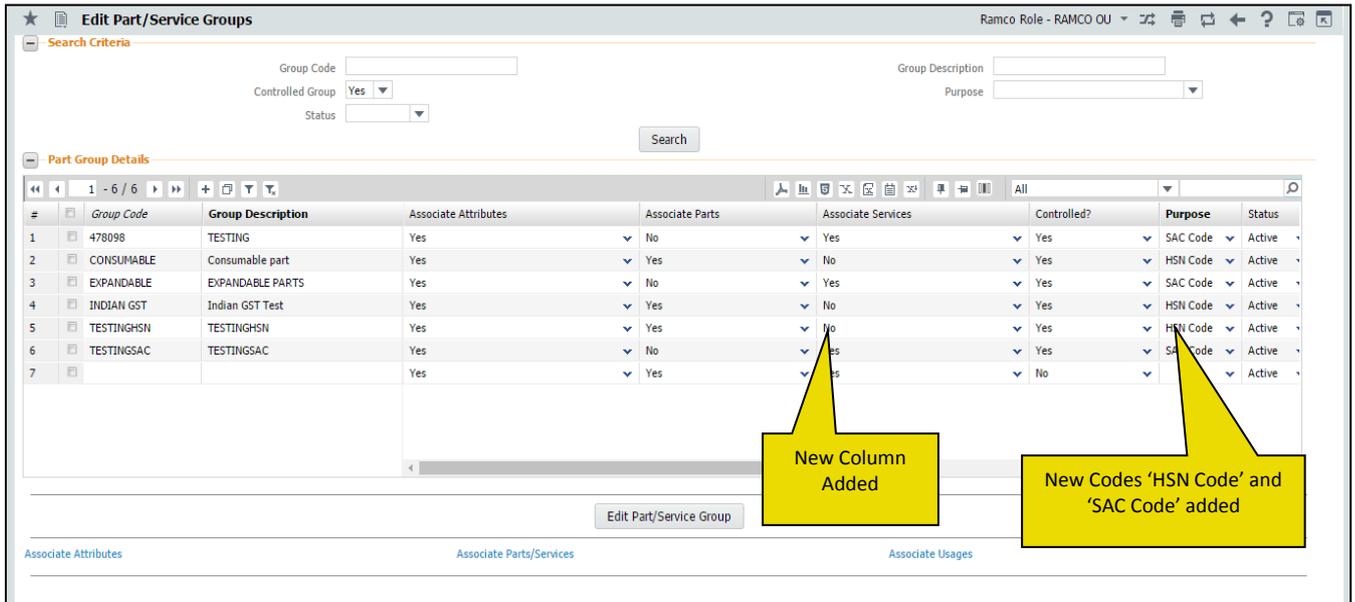
Part Administration

The following enhancements are done in **Part Administration** to provide the ability to group parts and services based on the HSN codes and SAC codes, as part of the Indian GST framework.

1. Part / Service Groups:

- Part Group screen (Create and Edit) has been renamed as Part / Service Group and the section 'Part Group Information' is renamed as 'Group Information'
- A new column 'Associate Services' is added in the multiline
- New values 'HSN Code' and 'SAC Code' is added in the 'Purpose' drop-down list box.
- The button 'Create Part Group' is renamed as 'Create Groups'
- The link 'Associate Parts' is renamed as 'Associate Parts/Services'
- A new link 'Associate Usages' is added, which will launch the new screen 'Manage Usage Association' screen

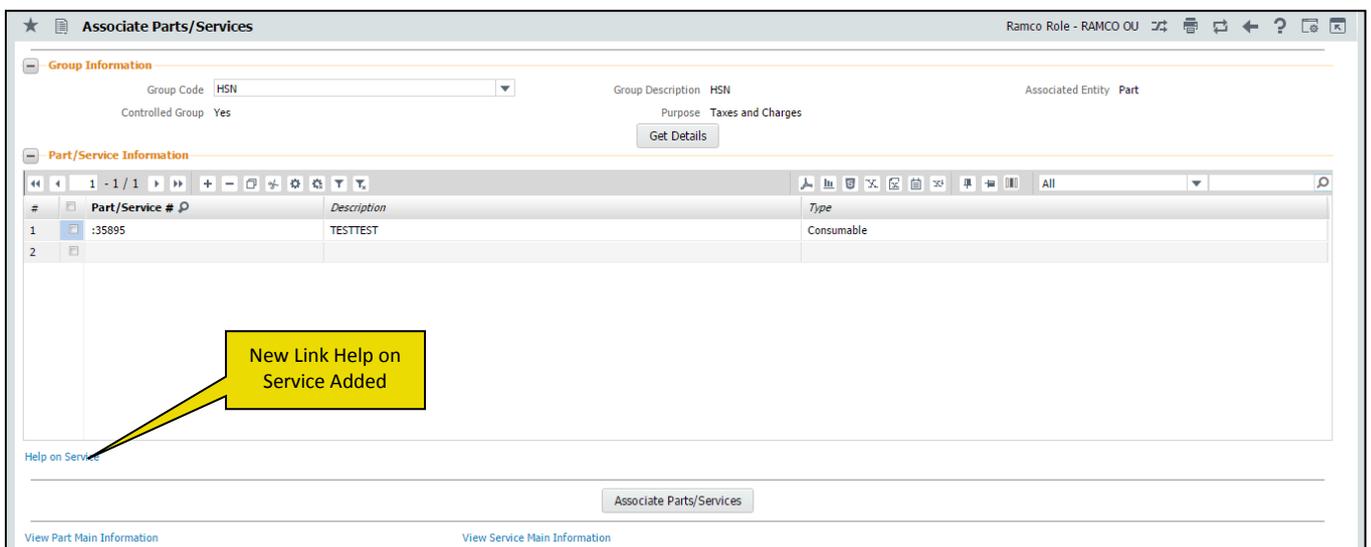
Exhibit 11: Identifies the **Edit Part / Service** screen in **Part Administration** business component



2. Associate Parts / Services:

- The existing Associate Parts screen is enhanced to support association of services to a group
- UI Description is changed to 'Associate Parts/Services' from 'Associate Parts'
- The section 'Part Information' is renamed as 'Part/Service Information'
- Column 'Part #' is renamed as 'Part/Service #'
- Columns Part Description is renamed as 'Description' and Part Type is renamed as 'Type'
- A link 'Help on Service' is added below the multiline.
- The button 'Associate Parts' is renamed as 'Associate Parts/Services'
- A link 'View Service Information' is added with other links

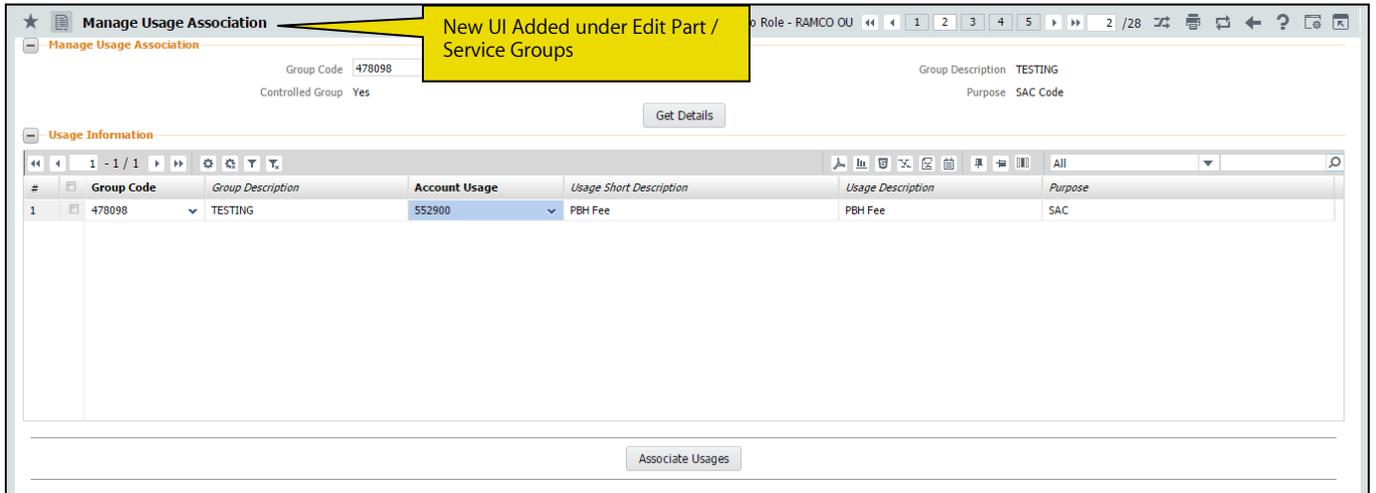
Exhibit 12: Identifies the **Associate Parts / Services** screen in **Part Administration** business component



3. Associate Usages:

- This screen facilitates associating HSN Codes / SAC Codes to account code.
- Only those Account Usage codes will be loaded in Account Usage combo that are mapped to the Purchase Order transaction, which are valid for the current date.

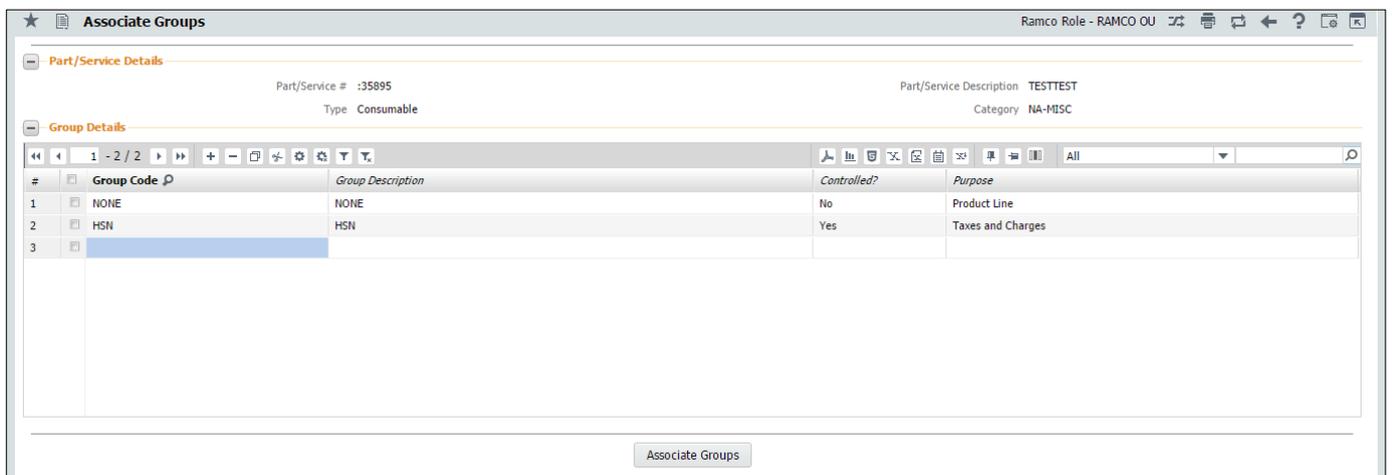
Exhibit 13: Identifies the new screen **Manage Usage Association** in **Part Administration** business component



4. Associate Groups:

- UI Name is changed from 'Associate Part Groups' to 'Associate Groups'
- Section 'Part Details' is renamed as 'Part/Service Details'
- Part # is renamed as 'Part/Service #'
- Part Description is renamed as 'Part/Service Description'
- Part Type is renamed as 'Type'
- Part Category is renamed as 'Category'

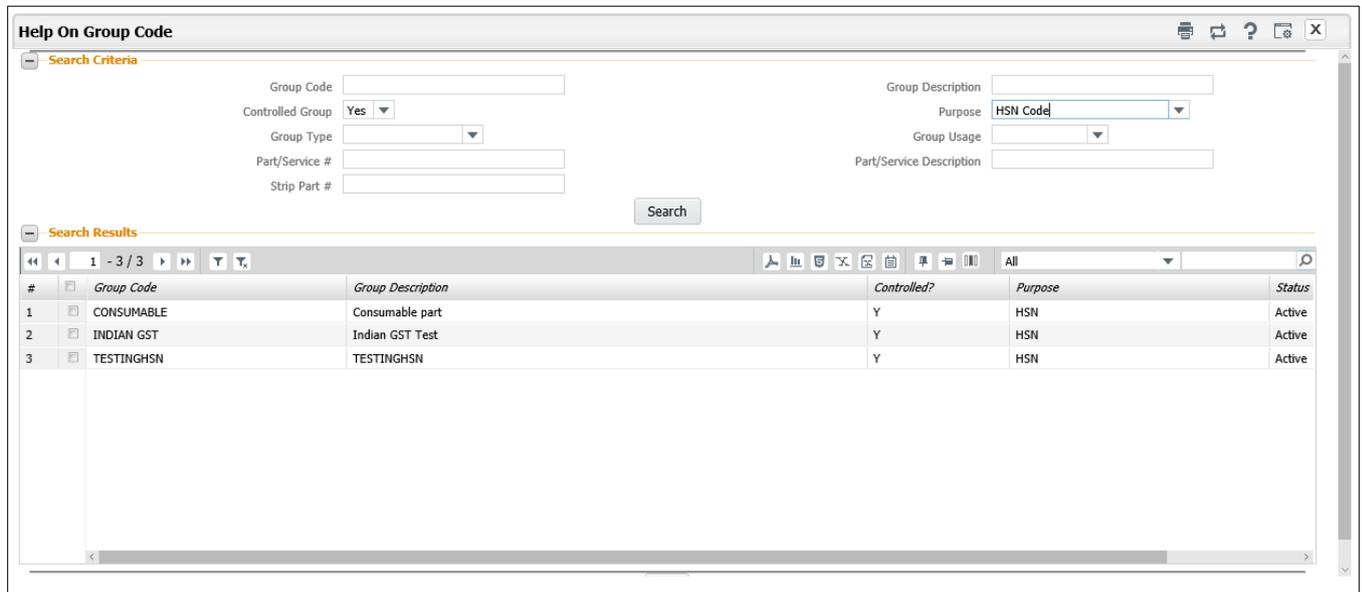
Exhibit 14: Identifies the **Associate Groups** screen



5. Help On Group Code:

- Part # field is renamed as 'Part/Service #'
- Part Description field is renamed as 'Part/Service Description'

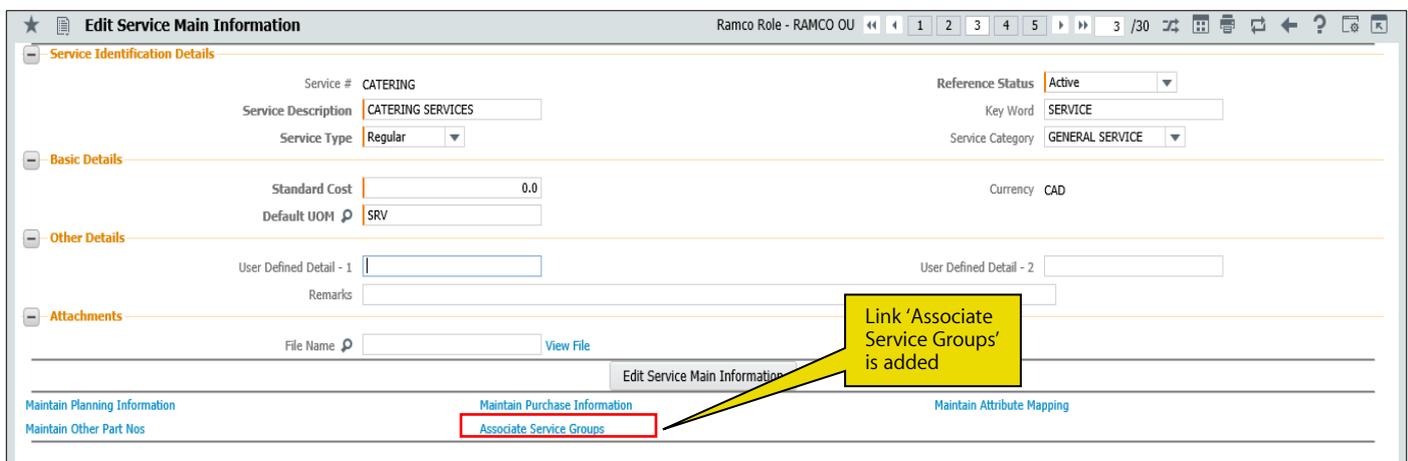
Exhibit 15: Identifies the Help On Group Code screen



6. Service Information:

- A link to 'Associate Groups' is added in the links section in Edit Service Main Information
- A link to 'View Service Groups Association' is added in the links section in View Service Main Information

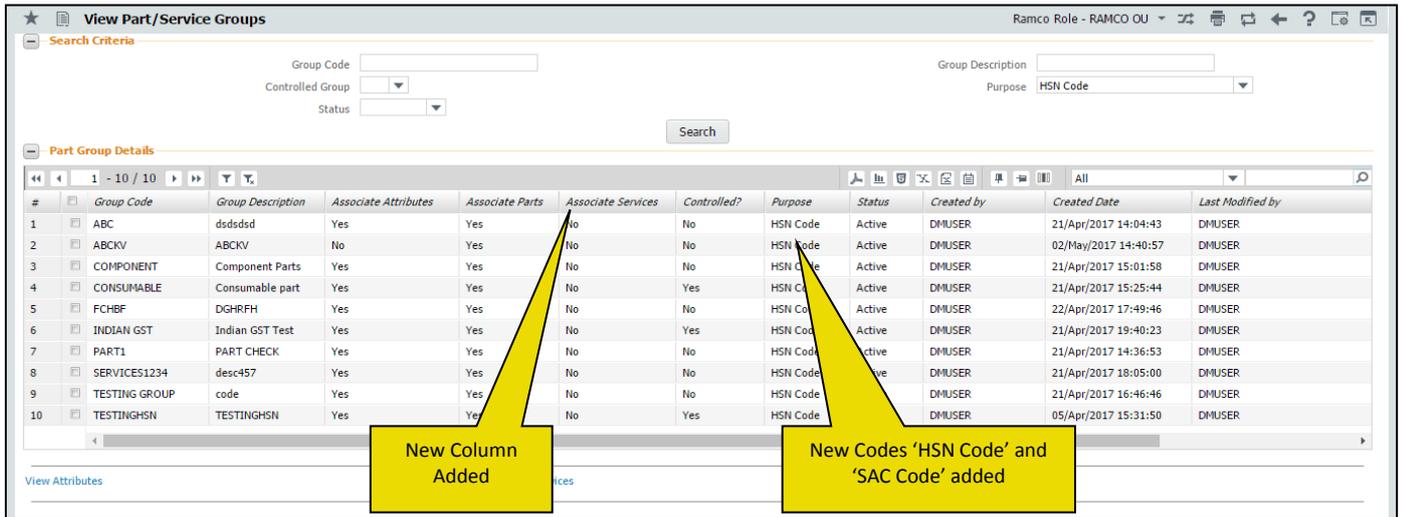
Exhibit 16: Identifies the Edit Service Main Information screen



7. View Part / Service Groups:

- UI Name is changed to 'View Part/Service Groups' from 'View Part Groups'
- A new column 'Associate Services' is added
- View Parts link is renamed as 'View Parts/Services'
- New link 'View Usages' is added

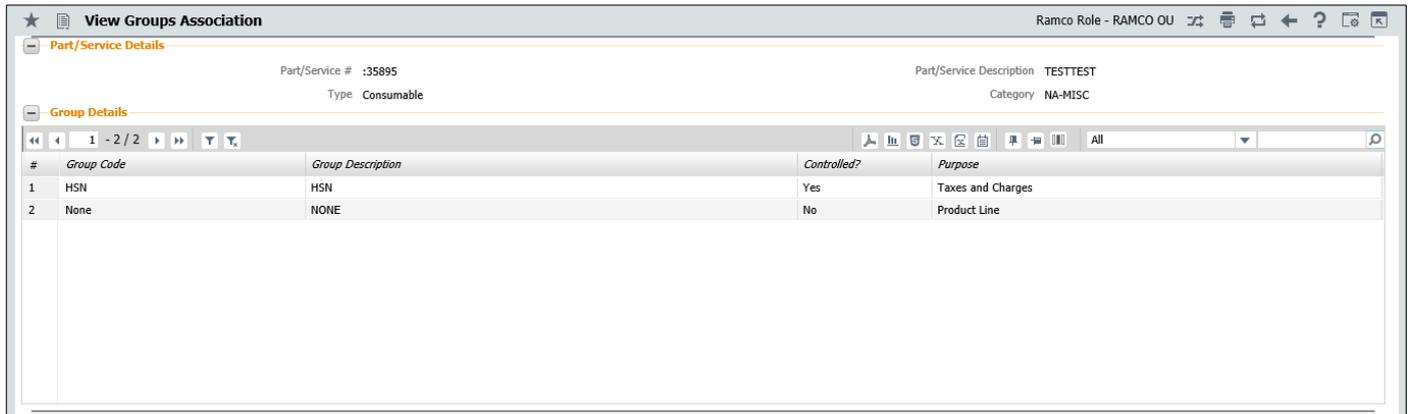
Exhibit 17: Identifies the **View Part / Service Groups** screen



8. View Groups Association:

- UI Name is changed to 'View Groups Association' from 'View Part Groups Association'
- Part Details section is renamed to 'Part/Service Details';
- Part # is renamed as 'Part/Service #'
- Part Description is renamed as 'Part/Service Description'
- Part Type is renamed as 'Type'
- Part Category is renamed as 'Category'

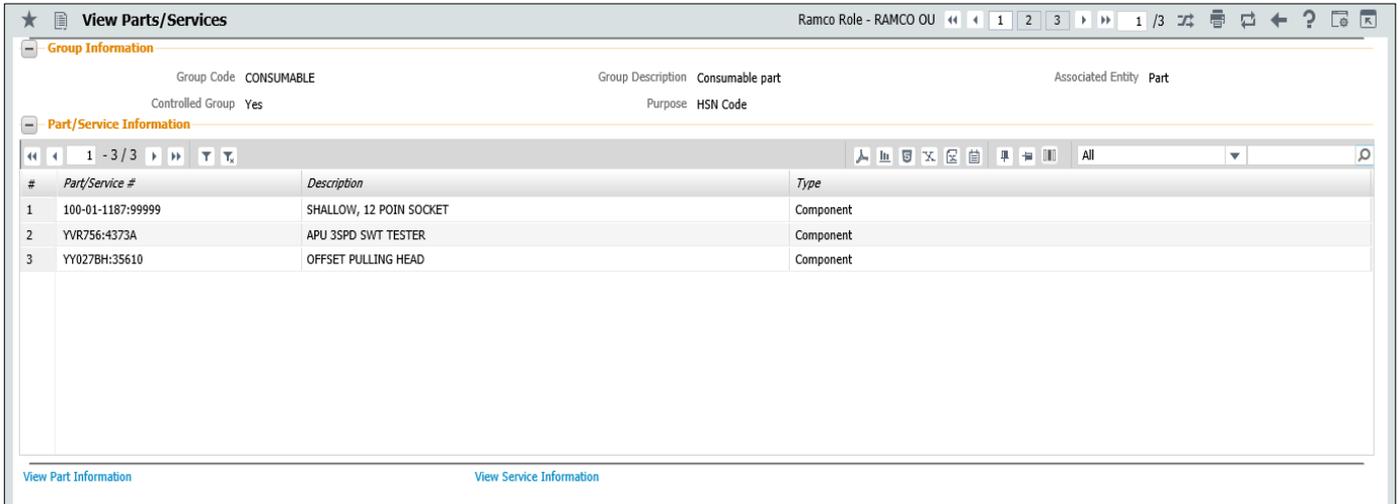
Exhibit 18: Identifies the **View Groups Association** screen



9. View Parts / Services:

- The UI is renamed as 'View Parts / Services' from 'View Parts'
- Multiline section name is changed to 'Part/Service Information'
- Multiline columns are renamed as 'Part/Service #', Description and Type.
- Links to View Part Main Information and View Service Main Information are added.

Exhibit 19: Identifies the **View Parts / Services** screen



Record multiple instances of Exchange Fee by amending PO even after closure

Reference: AHBG-13807

Background

In an exchange PO scenario, typically the unserviceable core unit will be issued and a serviceable unit will be received from the Supplier. However, if the unserviceable unit is not issued to the supplier within a specified time (as in terms and conditions), a penalty is imposed on the buyer as a late fee. Business Requirement is to provide an ability to record multiple instances of late fee or additional fee charged in an Exchange PO.

Change Details

The following changes are made in the **Manage Additional Cost Information** screen in **Amend Purchase Order** activity of **Purchase Order** business component.

1. **Line/Part #** combo is changed as combo UI in the multiline.
2. New Value 'Other Cost' is added in the 'Cost Element' drop-down list box.
3. A new drop-down list 'Account Usage' is added in the multiline.

Exhibit 1: Identifies the **Manage Additional Cost Information** screen in **Purchase Order** business component

The screenshot shows the 'Maintain Additional Cost Information' interface. At the top, it displays PO Details (Purchase Order # CBPO-000070-17, PO Date 25/05/2017, Amendment # 0, PO Type Exchange, Expense Type Revenue, Status Open, Supplier # 00000, Supplier Name Supplier 2, PO Currency USD) and PO Value (PO Basic Value 15,720.00, PO Total Value 19,344.00, Base Currency Value 18864.000000, Exchange Rate 1.20, PO Additional Charges 480.00). Below this is a table for 'Additional Cost Details' with columns: #, Line/Part #, Description, Order Qty, UOM, Cost Element, Cost, Cost Per, Value, Issued Serial/ Lot #, Account Usage, Qty, Remarks, and Invoiced?. The table contains two rows. Callouts point to specific changes: 'Line / Part # made as Combo UI' points to the 'Line/Part #' column in row 1; 'New Cost Element 'Other Cost' added' points to the 'Cost Element' dropdown in row 1, which now includes 'Other Cost' and 'Repair Cost'; 'Account Usage column added' points to the 'Account Usage' column in row 1, which has a dropdown menu showing 'PURCHASE ...'. A 'Save' button is visible at the bottom of the screen.

Financial Postings for Invoice Processing:

1. If the Repair Cost / Other Cost is recorded, then on Authorization of PO, the cost information is posted for invoice creation.
2. If the Repair Cost / Other Cost is modified and PO is amended, then on Authorization of amended PO, the modified cost (i.e. Old Cost - Modified Cost) information is posted for invoice creation.
3. If the cost is Repair Cost / Other Cost is amended / modified and if PO Status is 'Closed' and the option 'Authorization of Cost amendment of "Closed" PO' is set as 'Required' in **Purchase Options Settings** page, then on Authorization of PO, the cost information (in case of recording) and or difference of cost (in case of modification) information is posted for invoice creation.

Ability to generate Incremental invoice for Exchange PO

Reference: AHBG-14154

Background

Other Fees, such as Penalty or Late fee is charged on Exchange purchase orders subsequent to the receipt/issue of goods. In addition, Repair Costs can be charged against the Core shipped. To account for these expenses, Exchange purchase orders are amended with such additional costs. This enhancement enables to account for such amendments to the Repair Costs and Other Fees.

Change Details

The Accounting for the Repair Cost and the Other Cost added during amendment of the Purchase Order takes place during the Amendment and Authorization of the Purchase Orders. **Maintain Invoice** has been enhanced to enable invoicing of such amendments independently as an incremental Invoice at an Entity level i.e. (Exchange Fee, Repair Cost and Other Cost). In the **Maintain Invoice** activity, the "Invoice Remarks" field will display the "Accounting Usage & Invoicing Remarks" recorded in the associated Exchange purchase order with "Entity" as "Other Cost".

Note: For 'Closed' purchase orders, if the process parameter "Authorization required for amendment" is

- 'No', the accounting entry is posted on approval of purchase orders
- 'Yes', the accounting entry is posted on authorization of the amendment purchase order

Specify taxable amount in Document level TCD and Part level TCD in PO

Reference: AHBG-14192

Background

Business requirement is to provide the ability to specify or modify the Taxable Amount while recoding Document level TCDs and Part level TCDs in Purchase Order.

Change Details

The following changes are made in **Logistics Common Master** and **Purchase Order** business components:

1. A new set option is added under the Category 'Purchase 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 Document TCD and Part TCD screens.
 - Not Allowed - System will not allow user to enter or modify the Taxable amount in Edit Document TCD & Part TCD screens.
2. A new editable control 'Taxable Amount' is added in 'TCD Details' multiline in **Edit Part TCD Details** screen and **Edit Document TCD Details** screen in **Purchase Order** business component.
3. A new display control 'Taxable Amount' is added in 'TCD Details' multiline in **View Part TCD Details** screen and **View Document TCD Details** screen.
4. A new field 'Taxable Amount' is added in Purchase Order Report under 'Additional Charges' section in both PO Document Level TCD and PO Part level TCD sections.

TCD Amount Computation Logic

TCD Amount is calculated based on the Taxable Amount defaulted or modified in the **Edit Part TCD Details** and **Edit Document TCD Details** screens.

- If the Taxable Amount is defaulted in the 'TCD Details' multiline, the TCD amount is computed based on the defaulted Taxable amount.
- If the Taxable amount is entered by the user in the multiline, TCD Amount is calculated based on the user entered Taxable Amount. System will allow user to enter or modify the Taxable Amount only if the option 'Allow modification of taxable amount?' is set as 'Allowed' in the **Purchase Option Settings** activity.

If the PO Cost is modified in the Purchase Order and Taxable amount is not entered by the user,

- The system updates the Taxable amount available in the TCD as Modified PO Cost.
- TCD Amount must be recomputed for the new Taxable amount
- Difference in the TCD amount (i.e. +ve or -ve), is posted appropriately

If the PO Cost is modified and Taxable amount is entered by the user,

- The system does not update the Taxable amount available in the TCD as Modified PO basic Cost
- TCD Amount is not recomputed for the new Taxable amount

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

Purchase Option Settings

Part Not Mapped to Supplier: Allow all PO and do not Map Part to Supplier

Allow Supplier as Manufacturer Reference: Yes

Allow Movement to Different Warehouse: Allowed

Apportion Doc TCDs to Line Items on: Total Value

Def.Component # for Inspection: []

Component Maintenance Program Check: Non-Mandatory

Matching Type Policy: 4-Way

Mandatory Check for Source WC# in PR /PO/ RO: Not Required

Calculation of Shelf Life Expiry Date: Automatic

User Rights for Repair Agency Classification: Do not Enforce

Additional Purchase Options

#	Category	Parameter	Permitted Value	Value	Status	Error Message
1	Purchase Order	Adjustment of pending Issue/Receipt Qty for	Enter '0' for 'Not Allowed', '1' for 'Allowed'	1	Defined	
2	Purchase Order	Allow modification of taxable amount	Enter '0' for 'Not Allowed', '1' for 'Allowed'	1	Defined	
3	Purchase Order	Allow PO Currency different from Supplier	Enter '0' for 'No', '1' for 'Yes'	1	Defined	
4	Purchase Order	Capital part in Consignment PO	Enter '0' for 'Not Allowed', '1' for 'Allowed'	1	Defined	
5	Purchase Order	Copy PR remarks to PO	Enter '0' for 'Required', '1' for 'Not Required', '2' for 'As Required'	0	Defined	

Exhibit 2: Identifies the editable control 'Taxable Amount' added in **Edit Part TCD Details** screen

Edit Part TCD Details

Purchase Order # APO00313317

Supplier Name Supplier 2

Amendment #

PO Status Fresh

PO Line No 1

Part # :35895

Condition New

Cost 150.00

Basic Value 37.50

EXPRESS U.S.RATE SH EET

Mfr. Part # :35895

PO Currency USD

Cost Per 20.00

TCD Total Amount

#	TCD Sequence	TCD #	TCD Variant #	TCD Type	Basis	Charge Type	Taxable Amount	TCD Rate	TCD Amount	Currency	TCD Description
1		CHARGE_FLAT	CHAR_FLAT			Payable		20.000		CAD	
2		CHARGE_PER	PER_CHAR			Payable		10.000			
3		CHARGE_UNIT	UNIT_CHARGE			Payable		10.000			
4						Payable					

Exhibit 3: Identifies the editable control 'Taxable Amount' added in **Edit Document TCD Details** screen

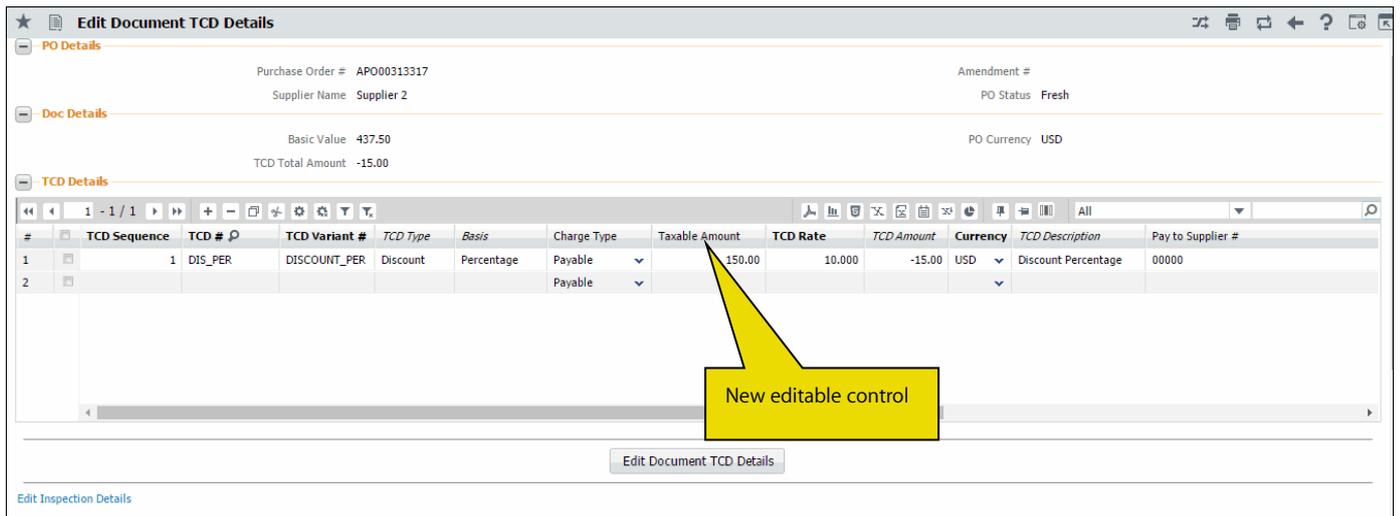


Exhibit 4: Identifies the display only control 'Taxable Amount' added in **View Part TCD Details** screen

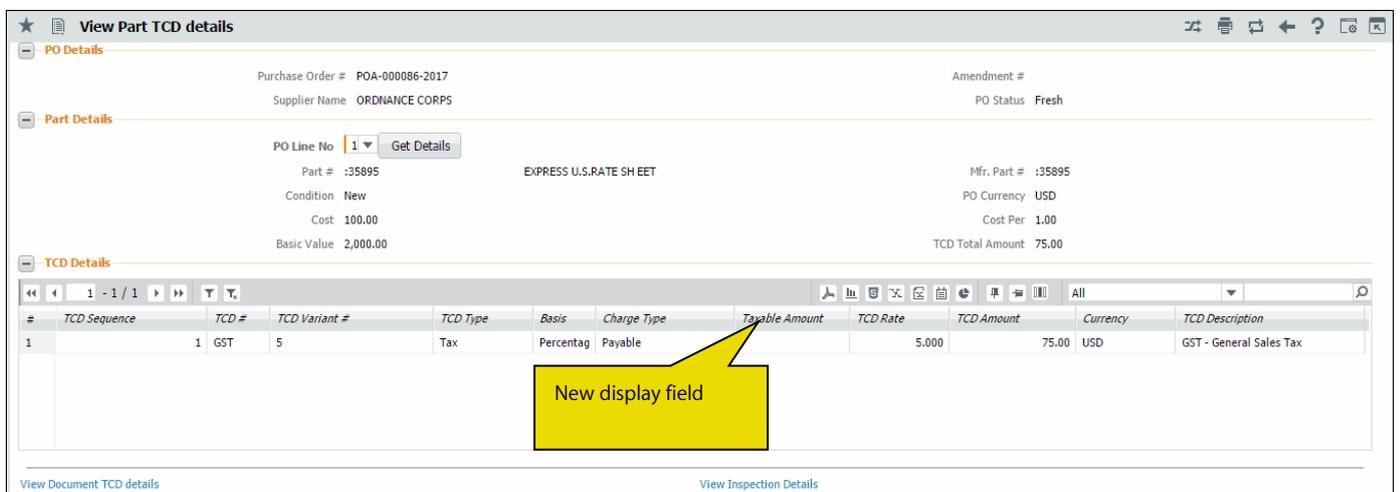


Exhibit 5: Identifies the display only control 'Taxable Amount' added in **View Document TCD Details** screen

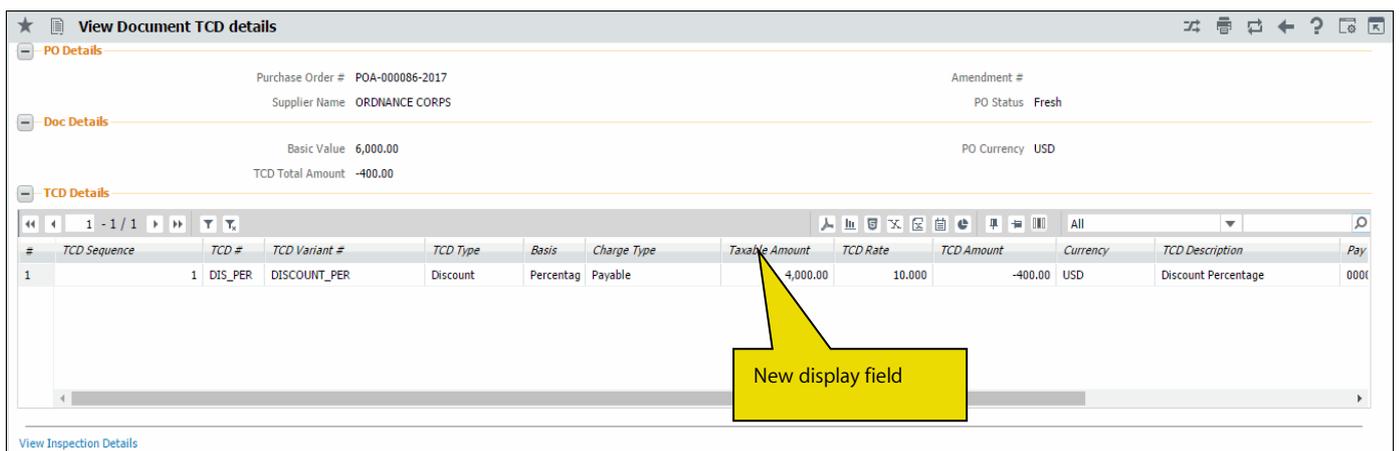
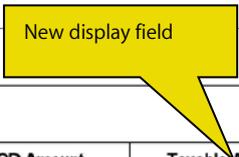


Exhibit 6: Identifies the Taxable Amount field added in Purchase Order Report

PURCHASE ORDER RAMCO SYSTEMS LIMITED1							
Mail Invoices To : RAMCO SYSTEMS LIMITED1 2311 Alfred-Nobel Boulevard, St Laurent, QC, Canada H4S 2B6				Purchase Order # : APO00336217 Amendment # : 1 PO Type : General			
Phone : +91 44 22SMO5 4510 Fax # : +91 44 22SMO0 1859 Website : WWW.RAMCO.COM				THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKING SLIP, PACKAGES & CORRESPONDENCE.			
Supplier: Supplier 2 74 N WASHINGTON, BATTLE CREEK, MI, UNITED STATES,600113				Ship To : RAMCO SYSTEMS LIMITED1 1, New Tower, Green Park Road,			
Contact Person : Sabari Phone : 123456789 Fax # : TEST E-Mail : 123@GMAIL.COM							
SUPPLIER #	PO DATE	SHIP BY	QUOTATION #	INCO TERM	CURRENCY	PAY TERM	
00000	14-06-2017	As per routing guide			USD	N030D000_00. 0	
BUYER		E-MAIL		PHONE:		APPROVED BY	
DOMINIC SENECHAL				FAX:		DOMINIC SENECHAL	
LINE#	PART #	PART DESCRIPTION	DUE DATE CERT TYPE	QTY CONDITION	UOM	UNIT COST	ITEM TOTAL
1	:35895	EXPRESS U.S.RATE SH EET	18-08-2017	10.00 New	ea	10.00	100.00
ADDITIONAL CHARGES							
PO Document Level TCD							
S.No	TCD # TCD Description	TCD Variant # TCD Rate	TCD Type TCD Basis	TCD Amount	Taxable Amount		
1	VAT-5 VAT-5	VAT-5 5.00	Tax Percentage	4.50	4.50		
2	DISCOUNT FLAT DISCOUNT	DISCOUNT 10.00	Discount Percentage	-2.00	-2.00		
SUB TOTAL							2.50
Total Additional Charges :							2.50



WHAT'S NEW IN REPAIR ORDER?

Ability to procure repair services on behalf of customer through RO

Reference: AHBG-13961

Background

Currently if a part is being repaired for a customer, first the part has to be received by the login organization and then it would have to be sent to repair agency for repair. As part of scheduled / unscheduled maintenance activities, MRO sends the unserviceable components to third party vendor to get it repaired. Under this enhancement, system would be able to capture, for whom the part is being repaired. Now, a choice is provided to repair parts for a customer or for the login organization. If the part is being repaired for a customer, the customer #, customer name and RO and Invoice Organization of the customer would also be tracked. Using this feature, one can repair parts for group companies of the organization unit.

Change Details

The following changes are made to address the above business need:

1. A new set option is added under the Category 'Repair Order' in the **Purchase Option Settings** activity of the **Logistics Common Master** business component
2. A new set option is added under the Category 'Repair For Customer' in the **Manage Additional Options** screen of the **Customer** business component
3. New controls 'Repair for' and 'Trading Partner' are added in entry screens of **Edit Repair Order / Authorize Repair Order / View Repair Order** screens and in **Help on Repair Order** screen.

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.

- 'Repair Parts on behalf of Customer?' provides the following options:
 - Allowed – Repair services are allowed on behalf of customer.
 - Not Allowed - Repair services are not allowed on behalf of customer.

Customer

A new set option is added under the Category 'Repair For Customer' in the **Manage Additional Options** screen of the **Customer** business component.

- 'Parts Repair on behalf of Customer?' provides the following options:
 - Allowed – Repair services are allowed on behalf of customer.
 - Not Allowed - Repair services are not allowed on behalf of customer.
- 'Default Numbering Type for Repair Order'
 - Specify a valid numbering type applicable for Repair Order transaction.
- 'Default Numbering Type for Repair Receipt Transaction Document'
 - Specify a valid numbering type applicable for Goods Inward transaction

- 'Default Numbering Type for Repair Order Issue'
 - Specify a valid numbering type applicable for Repair Order Issue transaction

Repair Order

The following controls are added in **Help on Repair Order** and entry screens of **Edit Repair Order / Authorize Repair Order / View Repair Order** screens.

- a. Combo control 'Repair for' with editable field to enter Trading Partner # is added in Search Criteria. The 'Repair for' combo lists the values 'Self', 'Customer' and 'Supplier'.
- b. Two display only fields 'Repair for' and 'Trading Partner' are added in the multiline.

When an automatic Repair Order is generated through AME / SWO / CO and If the RO has Customer # reference, and for the Customer #,

- if the option setting "Repair Parts on behalf of Customer?" is set as 'Allowed' in the **Manage Additional Options** screen, then Repair Order is generated on behalf of the Customer # with 'Repair for' updated as "Customer", 'Repair for Trading Partner #' as "Customer #" and Trading Partner Name as the 'Customer Name' as defined in the **Customer** business component.
- If the option setting "Repair Parts on behalf of Customer?" is set as ' Not Allowed', Repair Order is generated as per the existing logic.

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

The screenshot shows the 'Purchase Option Settings' interface. At the top, there are several configuration options with dropdown menus. Below this is the 'Additional Purchase Options' section, which contains a table. A yellow callout box with the text 'New option added Under Category 'Repair Order'' points to the row for 'Repair Parts on behalf of Customer'.

#	Category	Parameter	Permitted Value	Value	Status	Error Message
11	Repair Order	Use Part Repair Order on a Component part	Enter '0' for 'Not Allowed', '1' for 'Allowed'	1	Defined	
12	Repair Order	Access pending jobs for Auto RO?	Enter '0' for 'No', '1' for 'Yes', '2' for 'Draft RO'	1	Defined	
13	Repair Order	Repair Order on behalf of Trading Partner	Enter '0' for 'Not Allowed', '1' for 'Allowed'	1	Defined	
14	Repair Order	Repair Parts on behalf of Customer	Enter '0' for 'Not Allowed', '1' for 'Allowed'	1	Defined	
15	Repair Order	Set up RO automatically on Maintenance	Enter '0' for 'Not Required', '1' for 'Owned parts'	1	Defined	

Exhibit 2: Identifies the option setting in **Manage Additional Options** screen in **Customer** business component

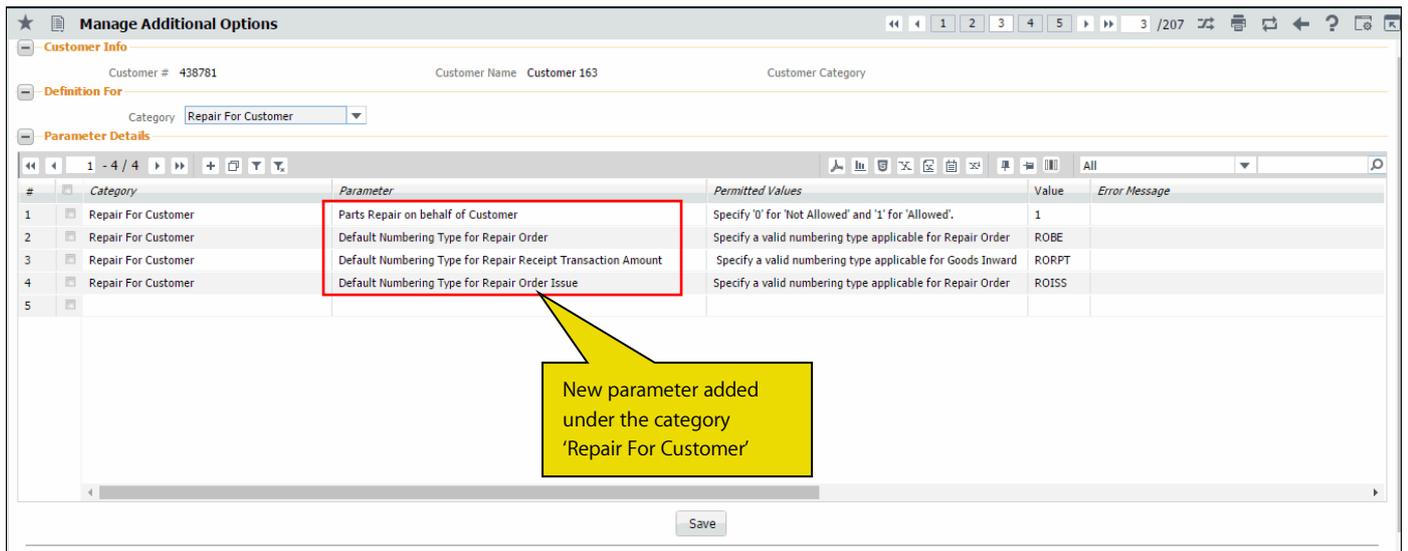


Exhibit 3: Identifies the controls added in select page of **Edit Repair Order** screen

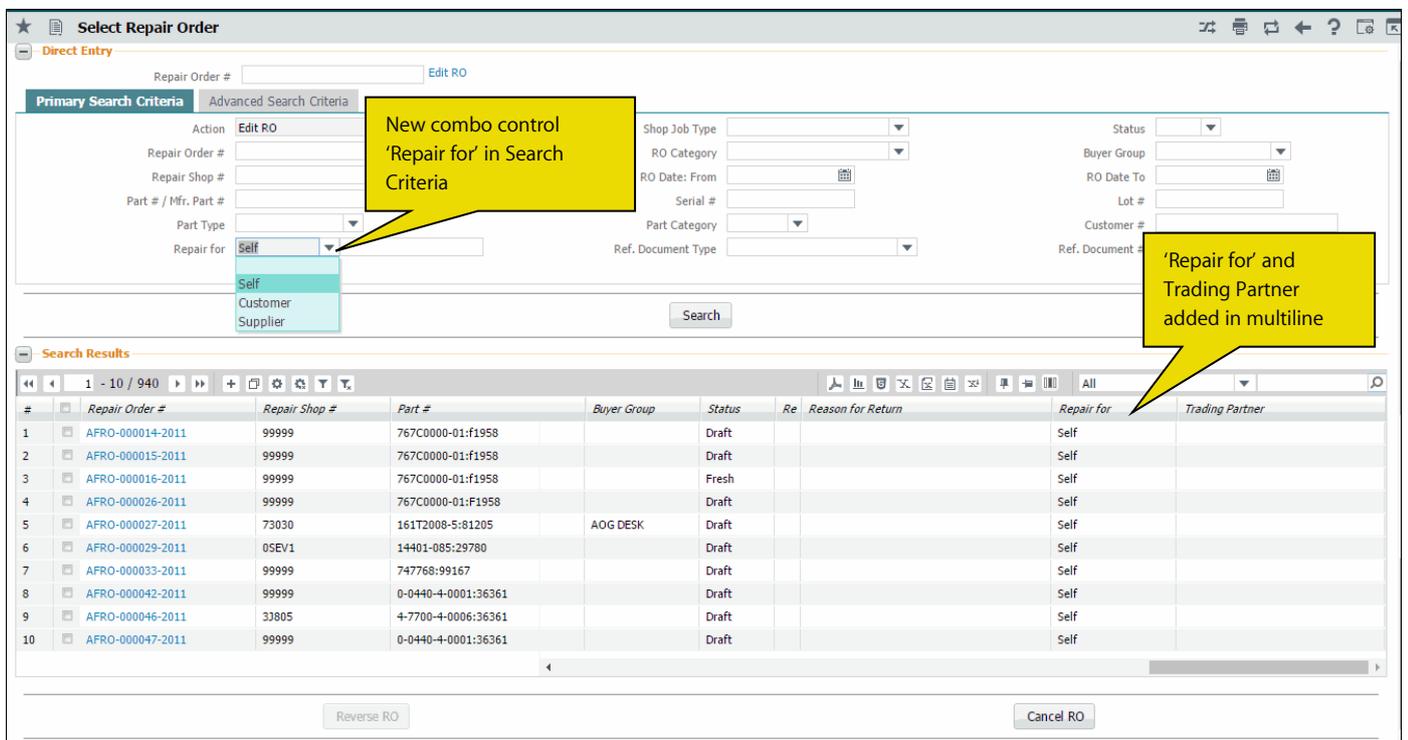


Exhibit 4: Identifies the controls added in **Help On Repair Order** screen

Help on Repair Order

Search Criteria

Repair Order #

Repair Shop # / Name

Repair for **New combo control 'Repair for' in Search Criteria**

Part #

RO Status

RO Date: From / To

Search Results

1 - 10 / 19 Supplier

#	Repair Order #	Status	Returned By	Reason for Return	Repair Order Date	Repair for	Trading Partner
1	AFRO-000001-2011	Authorized			16-11-2011	Self	
2	AFRO-000002-2011	Authorized			17-11-2011	Self	
3	AFRO-000003-2011	Closed			17-11-2011	Self	
4	AFRO-000004-2011	BER Closed			18-11-2011	Self	
5	AFRO-000005-2011	Closed			20-11-2011	Self	
6	AFRO-000006-2011	Closed			21-11-2011	Self	
7	AFRO-000007-2011	Authorized			21-11-2011	Self	
8	AFRO-000008-2011	Authorized			21-11-2011	Self	
9	AFRO-000009-2011	Confirmed			21-11-2011	Self	
10	AFRO-000010-2011	Shipped			21-11-2011	Self	

'Repair for' and Trading Partner added in multiline

Accounting Impact

If any Organization repair parts on behalf of its Group Company then based on the Group Company relationship available/established in **Maintain Organization Parameters** along with other set options as mentioned above, the accounting shall be posted in the respective destination company OU itself.

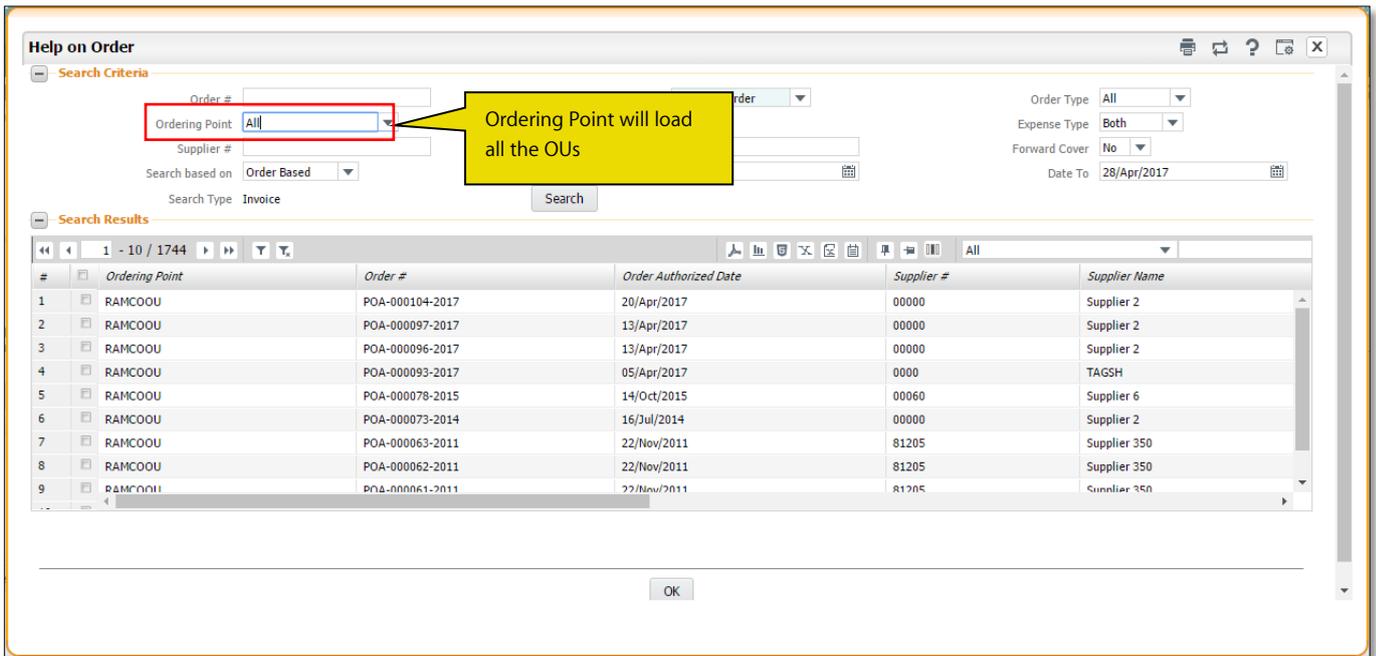
Transaction Flow:

After setting up of all relevant master data, Source Company can raise Repair Order on behalf of its related company. User need to specify the Trading Partner (which is nothing but Customer Code identified as related company) and choose 'Repair for' as 'Customer' on account of whom the Repair Order is affected. RO will be recorded in Source Company records. Exchange Rate Information shall be captured from source company records for accounting transaction impacting Goods Inward.

Goods Inward shall be recorded in Source Company but the accounting entry shall take place in Destination Company.

Supplier Order Based Invoice has to be recorded in the respective Destination Company itself for the Repair Order raised by the Source Company. 'Help button' on Repair Order has been enhanced to refer and fetch the Repair Order created in Source Company by referring the 'Ordering Point' (See Exhibit 5) which load the company code of other related company based on CIM interaction. User can also view the Repair Order against which the invoice needs to be raised.

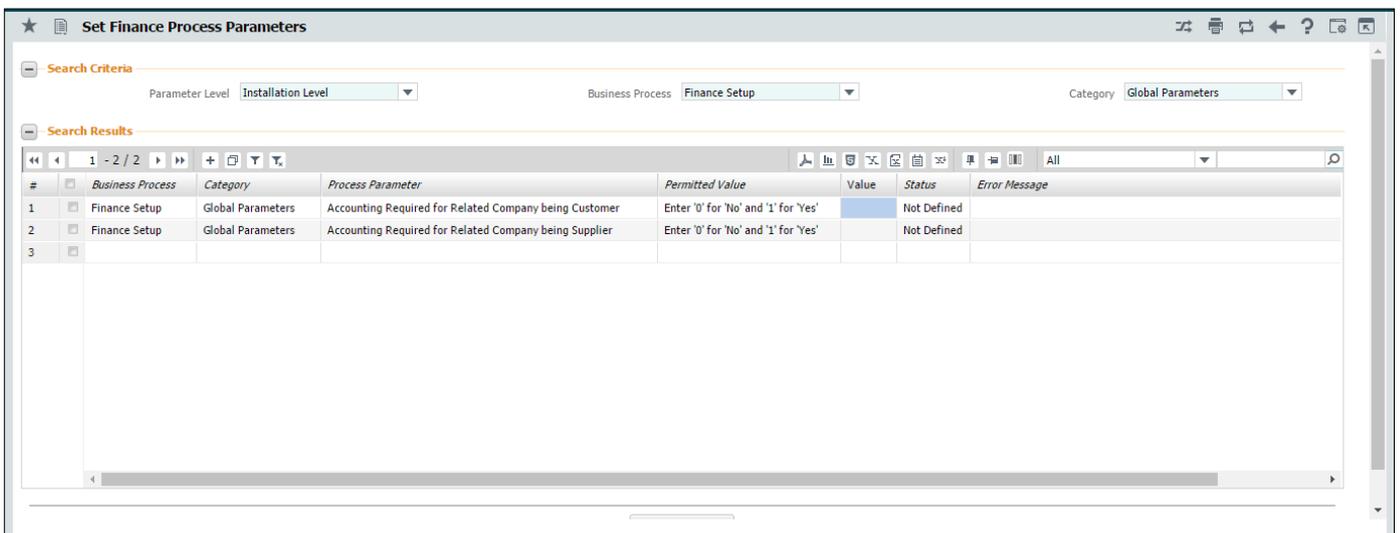
Exhibit 5: Help on Order in Supplier Order Based Invoice



Installation level set option is also introduced to regulate the account postings in **Set Finance Process Parameter** activity. (See Exhibit 6). Note that this is general set option which is applicable for all 'On behalf procurement transactions being customer.

- If the option setting "Accounting Required for Related Company being Customer" is set as 'Yes' in the **Set Finance Process Parameter** screen, then account postings for on behalf of group company shall take place in the destination company OU itself.
- If the option setting "Accounting Required for Related Company being Customer" is set as 'No' in the **Set Finance Process Parameter** screen, then account postings for on behalf of group company shall NOT take place at all.

Exhibit 6: New option settings for regulating account postings



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

The screenshot displays the 'Purchase Option Settings' interface. A yellow callout box points to a new option in the 'Additional Purchase Options' table. The table lists various options for the 'Repair Order' category, including 'Allow modification of taxable amount' which is highlighted with a red box.

#	Category	Parameter	Permitted Value	Value	Status	Error Message
1	Repair Order	Allow Cost Amendment of Invoiced RO	Enter '0' for 'Not Required', '1' for 'Required'	1	Defined	
2	Repair Order	Allow modification of taxable amount	Enter '0' for 'Not Allowed', '1' for 'Allowed'	1	Defined	
3	Repair Order	Allow Repair Shop Shipping Date earlier than	Enter '0' for 'No', '1' for 'Yes'	1	Defined	
4	Repair Order	Allow shipment of Spares until receipt of	Enter '0' for 'No', '1' for 'Yes'	1	Defined	
5	Repair Order	Amendment of RO when GR is in Received	Enter '0' for 'No', '1' for 'Yes'	1	Defined	

Repair Order

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

Edit TCD and **View TCD** screens:

5. The existing combo 'Matl Line #' has been renamed as 'Quote Line # / Part #'.
6. 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).
7. Search criteria has been modified from 2 column approach to 3 column approach.
8. 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:

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

TCD Amount Calculation Logic

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.

TCD Difference Amount Calculation Logic

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

The screenshot shows the 'Edit TCD' interface. Key changes are highlighted with yellow callouts:

- New Value 'Quote Line # / Part # will be listed':** A callout pointing to the 'Quote Line # / Part #' dropdown menu in the 'TCD Mode' section.
- Existing Matl Line # is renamed as 'Quote Line # / Part #':** A callout pointing to the 'Quote Line # / Part #' dropdown menu in the top right area.
- New combo columns 'TCD Mode', 'Quote Line # / Part #':** A callout pointing to the 'TCD Mode' and 'Quote Line # / Part #' columns in the table header.
- New column 'Taxable Amount':** A callout pointing to the 'Taxable Amount' column in the table.

#	Seq #	TCD Mode	Quote Line # / Part #	TCD #	TCD Variant #	TCD Type	Basis	Taxable Amount	TCD Rate
1		Document		ATS	ATS1	Tax	Percentage	28,000.00	
2		Quote Line #...		BL	BL	Tax	Percentage	2,000.00	
3		Quote Line #...	3/LASD10500HM100:F...	GST	5	Tax	Percentage	4,920.00	

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

The screenshot shows the 'View TCD' interface. Key changes are highlighted with yellow callouts:

- New Value 'Quote Line # / Part # will be listed':** A callout pointing to the 'Quote Line # / Part #' dropdown menu in the 'TCD Mode' section.
- Existing Matl Line #:** A callout pointing to the 'Quote Line # / Part #' dropdown menu in the top right area.
- New columns 'TCD Mode', 'Quote Line # / Part #':** A callout pointing to the 'TCD Mode' and 'Quote Line # / Part #' columns in the table header.
- New column 'Taxable Amount':** A callout pointing to the 'Taxable Amount' column in the table.

#	Seq #	TCD Mode	Quote Line # / Part #	TCD #	TCD Variant #	TCD Type	Basis	Taxable Amount	TCD Rate
1	1	Document		ATS	ATS1	Tax	Percentage	28,000.00	
2	2	Quote Line # / Part #		BL	BL	Tax	Percentage	2,000.00	
3	3	Quote Line # / Part #	3/LASD10500HM100:F...	GST	5	Tax	Percentage	4,920.00	

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

The screenshot shows the 'Manage Repair Quote' interface. Key changes are highlighted with yellow callouts:

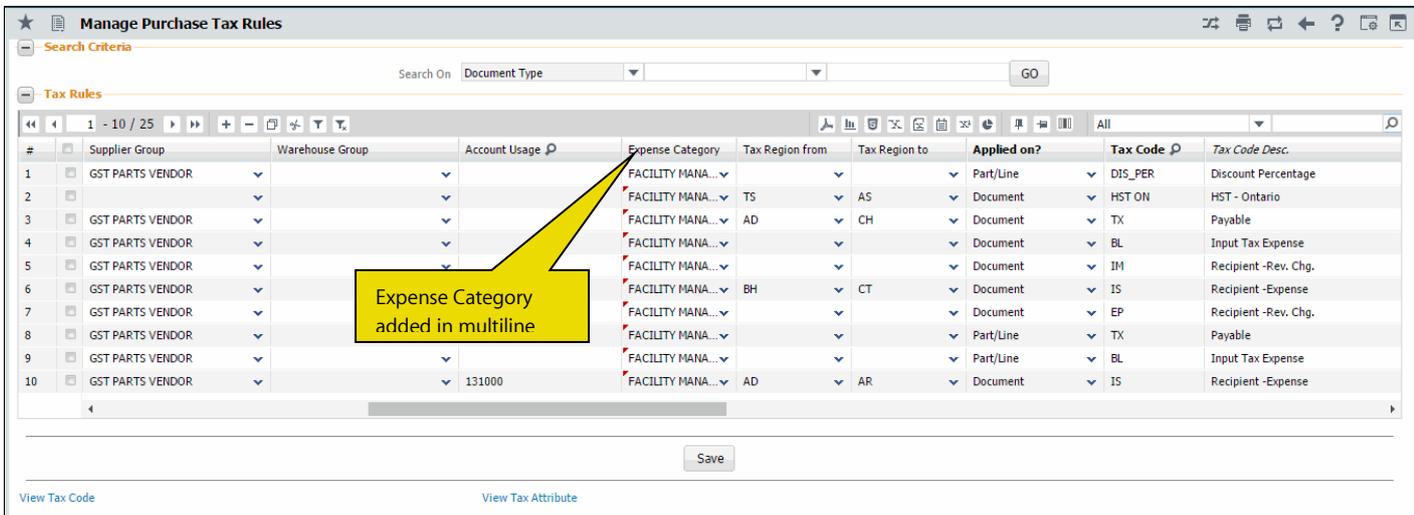
- Two new tiles added:** A callout pointing to the 'Total TCD Amount' and 'Total TCD Amount (Base Currency)' tiles in the 'Repair Cost Details' section.

#	Line / Part #	Description	RO Qty	UOM	Quote Qty	Repair Cost	Exchange Cost	List Price	BER?	BER Cost	Salv
1	1/LASD10500HM100:F6...	POWER SUPPLY CARD	5.00	EA	5.00	2,000.00		10,996.09			
2	1/LASD10500HM100:F6...	POWER SUPPLY CARD	5.00	EA	5.00	2,000.00		10,996.09			
3	1/LASD10500HM100:F6...	POWER SUPPLY CARD	5.00	EA	5.00	2,000.00		10,996.09			
4	1/LASD10500HM100:F6...	POWER SUPPLY CARD	5.00	EA	5.00	2,000.00		10,996.09			

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 added under Additional Charges Cluster in Repair Order Report.

WHAT'S NEW IN INVENTORY SETUP?

Ability to manage replenishment of customer stock

Reference: AHBG-11025

Background

MRO procures parts on behalf of its customers and uses the same for customer operations. There might be essential customer parts used extensively on a day to day basis. Business Requirement is provide the ability to manage replenishment for customer stock to ensure that the customer operations remain perennial and their parts do not get out of stock.

Change Details

The following changes are made to address the above business need:

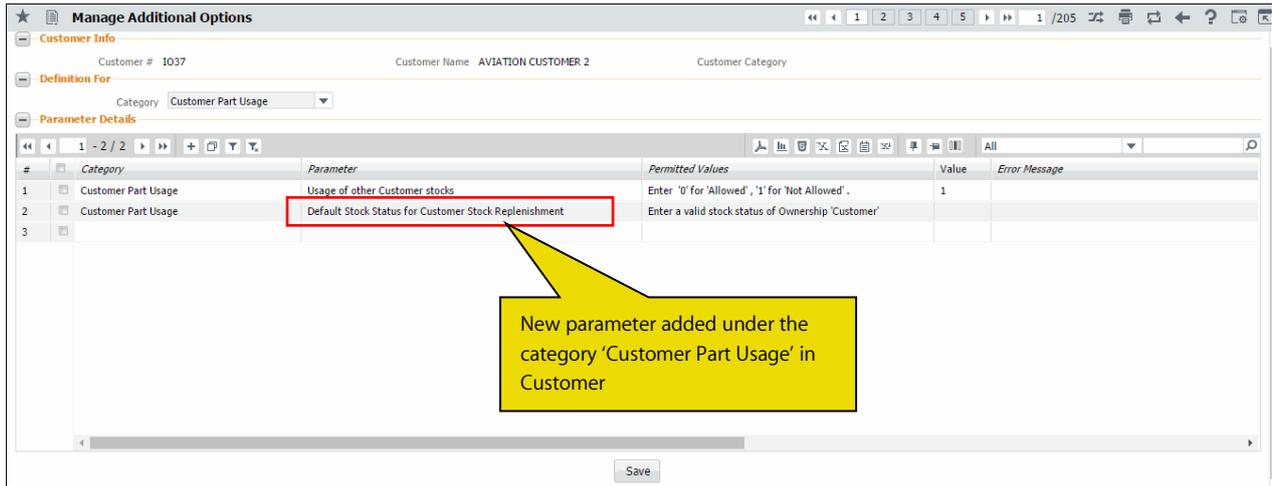
4. A new set option is added under the Category 'Customer Part Usage' in the **Manage Additional Options** screen of the **Customer**.
5. A new set option is added under the Category 'Replenishment' in the **Set Inventory Process Parameters** activity of the **Logistics Common Master** business component.
6. New controls 'Ownership' and 'Trading Partner #' are added in search criteria as well as in the multiline in **Warehouse Planning Parameter** screen (Both Maintain and View screens).
7. New controls 'Ownership' and 'Trading Partner #' are added in search criteria as well as in the multiline for the Replenishment Option 'Manage Warehouse Planning Parameters' in **Manage Stock Replenishment** screen

Customer

A new set option is added under the Category 'Customer Part Usage' in the **Manage Additional Options** screen of the **Customer** business component to facilitate replenishment.

- 'Default Stock Status for Customer Stock Replenishment:
 - Valid Stock status of Ownership 'Customer' must be entered as a permitted value. At the time of generation of replenishment documents, system will consider the default stock status as user entered stock status.

Exhibit 1: Identifies the option setting in **Manage Additional Options** screen in **Customer** business component

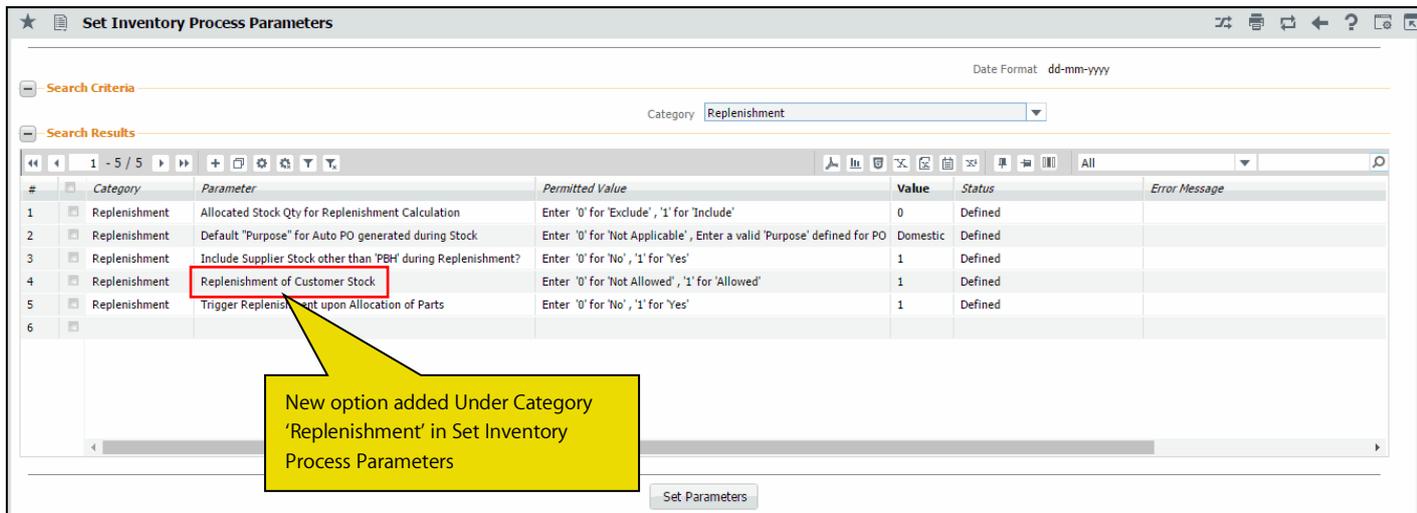


Logistics Common Master

A new set option is added under the Category 'Replenishment' in the **Set Inventory Process Parameters** activity of the **Logistics Common Master** business component.

- 'Replenishment of Customer Stock' provides the following options:
 - Allowed - Replenishment of Customer stocks is allowed using Warehouse Planning Parameters and Manage Stock Replenishment.
 - Not Allowed - Replenishment of Customer stocks is not allowed using Warehouse Planning Parameters and Manage Stock Replenishment

Exhibit 2: Identifies the option setting in **Set Inventory Process Parameters** screen



Storage Administration

A new drop-down list box 'Ownership' and an editable control 'Trading Partner #' are added in Search Criteria as well as in the multiline in **Maintain Warehouse Planning Parameter** and **View Warehouse Planning Parameter** screens in the **Storage Administration** business component. The 'Ownership' drop-down box (in the multiline) lists the following values based on the set option 'Replenishment of Customer Stock?' defined for the Category 'Replenishment' in **Set Inventory Process Parameters** screen.

- 'Owned' if the set option is set as 'Not Allowed'
- 'Owned', 'Customer' if the set option is set as 'Allowed'

Exhibit 3: Identifies the **Maintain Warehouse Planning Parameter** screen

Warehouse Planning Parameter

Warehouse Information
 Warehouse # 0123 Warehouse Description Test Warehouse Warehouse Type Normal
 Warehouse Category Main

Search Criteria
 Part # Part Description Part Type
 Part Category Planning Type Replenishment Activity By
 Display Option ? Planning Parameter Defined? Yes Ownership
 Trading Partner #

Part Planning Details

#	Part #	Planning Horizon (Days)	Transfer From Location	Transfer From Warehouse	Transfer Processing Location	Ownership	Trading Partner #	Remarks
1	0-001-A1	0.00		0123	RAMCO OU	Owned		
2	0-1245-2351	0.00		0123-TEST	RAMCO OU	Customer	QANTAS	
3	10-0050-51:0BYW8	0.00		0987	RAMCO OU	Customer	QANTAS	
4	10-0050-51:0BYW8	0.00		10973	RAMCO OU	Owned		
5	CAPITAL PART			11234	RAMCO OU	Customer	400004	
6	CAPITAL PART	0.00		456123	RAMCO OU	Owned		
7	CAPITALPART	0.00		AA	RAMCO OU	Owned		
8	CUSSTKREPL-01	0.00		BanCust	RAMCO OU	Customer	400007	
9	CUSSTKREPL-02	0.00		BanCustUS	RAMCO OU	Customer	400006	
10	KIT-ROUNDS	0.00	RAMCO OU	C-S-SH-W	RAMCO OU	Owned		

Callouts:
 - New field 'Trading Partner #' in Search Criteria
 - New field 'Ownership' in Search Criteria
 - New Columns 'Ownership' and 'Trading Partner #' added

Exhibit 4: Identifies the **View Warehouse Planning Parameter** screen

Warehouse Planning Parameter

Warehouse Information
 Warehouse # 0123 Warehouse Description Warehouse Type Normal
 Warehouse Category Main

Search Criteria
 Part # Part Description Part Type
 Part Category Planning Type Replenishment Activity By
 Display Option ? Ownership Trading Partner #

Storage Allocation Information

#	Part #	Planning Horizon (Days)	Transfer From Location	Transfer From Warehouse	Transfer Processing Location	Ownership	Trading Partner #	Remarks
1	0-001-A1	0.00				Owned		
2	0-1245-2351	0.00				Customer	QANTAS	
3	10-0050-51:0BYW8	0.00				Customer	QANTAS	
4	10-0050-51:0BYW8	0.00				Owned		
5	CAPITAL PART					Customer	400004	
6	CAPITAL PART	0.00				Owned		
7	CAPITALPART	0.00				Owned		
8	CUSSTKREPL-01	0.00				Customer	400007	
9	CUSSTKREPL-02	0.00				Customer	400006	
10	KIT-ROUNDS	0.00	RAMCO OU	0123	RAMCO OU	Owned		

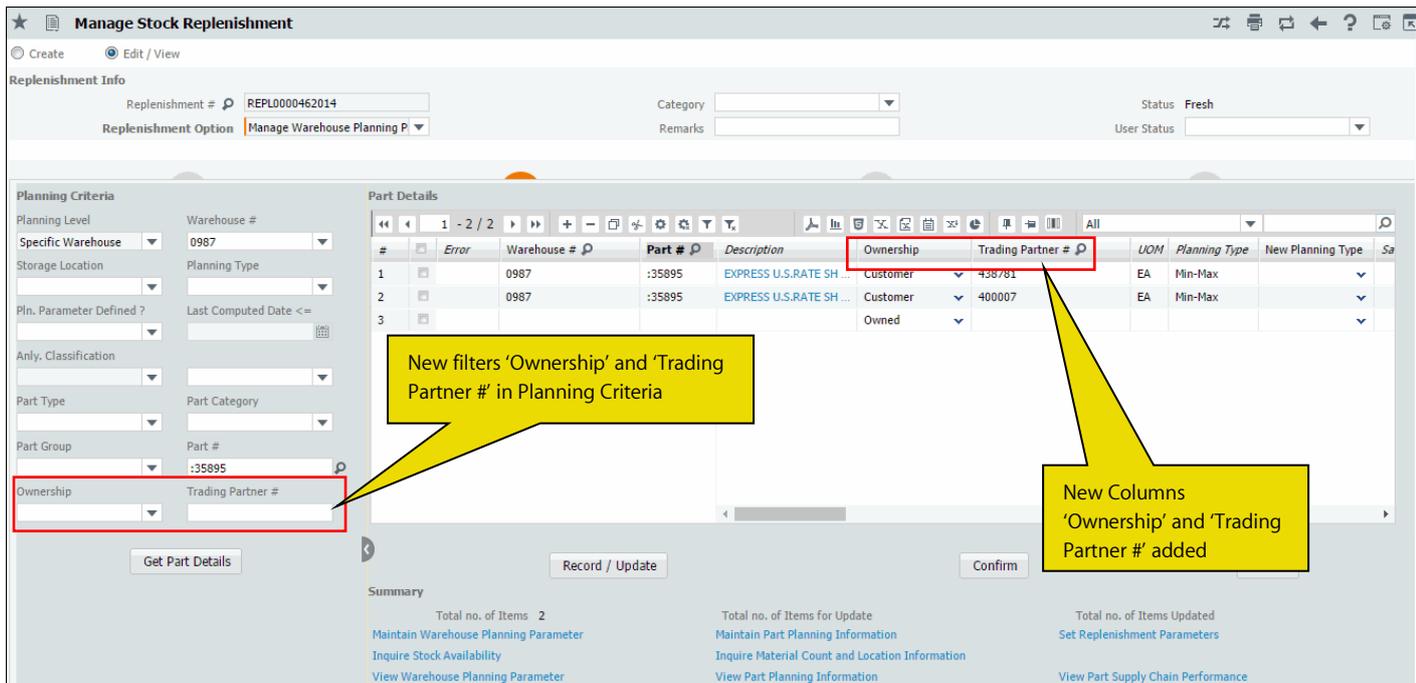
Callouts:
 - New fields 'Trading Partner #' and 'Ownership' in Search Criteria
 - New Columns 'Ownership' and 'Trading Partner #' added

Stock Analysis

A new drop-down list box 'Ownership' and an editable control 'Trading Partner #' are added in Planning Criteria as well as in the multiline for the Replenishment Option 'Manage Warehouse Planning Parameters' in **Manage Stock Replenishment** screen of **Stock Analysis** business component. The 'Ownership' drop-down box (in the multiline) lists the following values based on the set option 'Replenishment of Customer Stock?' defined for the Category 'Replenishment' in **Set Inventory Process Parameters** screen.

- 'Owned' if the set option is set as 'Not Allowed'
- 'Owned', 'Customer' if the set option is set as 'Allowed'

Exhibit 5: Identifies the **Manage Stock Replenishment** screen



WHAT'S NEW IN STOCK MANAGEMENT?

Ability to use other customer parts across ownership

Reference: AHBG-13872

Background

MRO will manage the Customer Inventory and uses the same for customer operations. In case if customer parts are not available, then system will pick the internal parts based on the contractual terms and if internal parts are also not available, then system will wait for Customer Parts to be replenished even though the same part is available with the other customer. Similarly when MRO requires parts internally and the same parts are not available in stock, system has to wait for the parts to be replenished to satisfy the requirements. This may lead to stock out situation and also leads to reduction in operational efficiency. Currently there is no provision to pick other customer parts when requested part is not available in the stock. Business need is to provide the ability to use of other customer parts, when the parts are not available in stock. This will avoid the stock out situations and improves the operational efficiency.

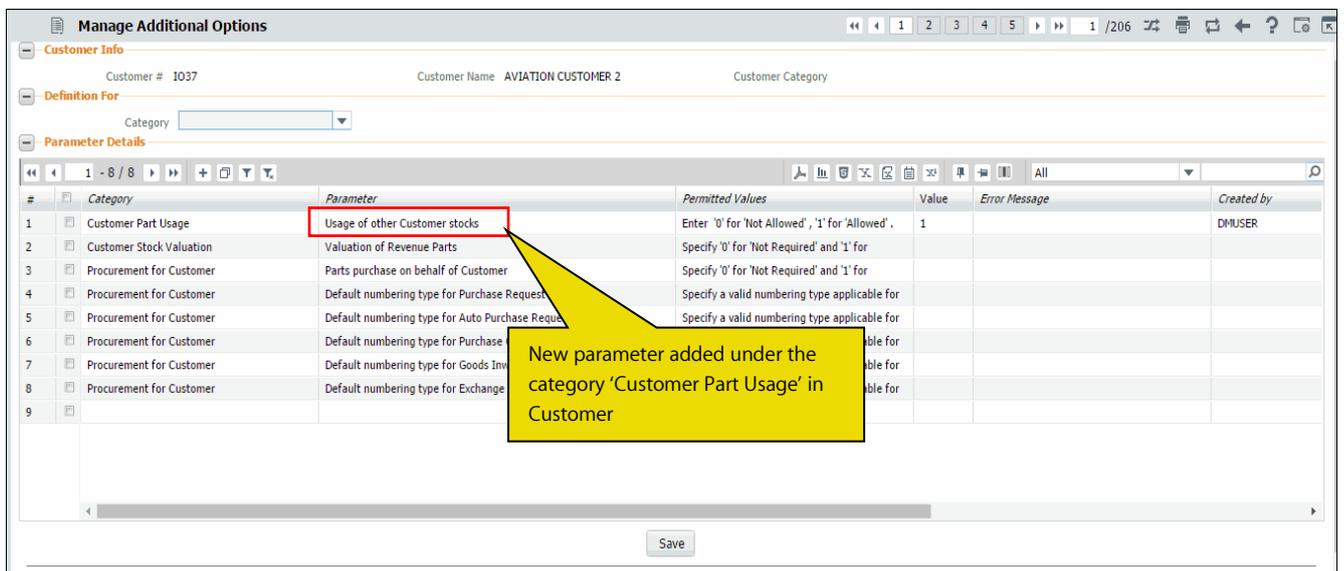
Change Details

Customer

A new set option is added under the Category 'Customer Part Usage' in the **Manage Additional Options** screen of the **Customer** business component to facilitate usage of other customer part.

- 'Usage of other Customer stocks' is added with the following options:
 - Allowed - Other Customer parts will be allocated against demand based on definition available in the Demand and Receipt pegging preference across ownership, when the requested customer parts are not available.
 - Not Allowed - Other Customer parts will not be considered against a demand irrespective of definition available in the Demand and Receipt pegging preference across ownership, when the requested customer parts are not available.

Exhibit 1: Identifies the option setting in **Manage Additional Options** screen in **Customer** business component



Sale Contract

A new set option is added under the Category 'Execution' in the **Part Handling Details** tab of the **Edit Terms of Execution** screen in **Sale Contract** business component.

- 'Usage of Other Customer Parts' provides the following options:
 - Allowed – Other Customer parts will be allocated against demand based on definition available in the Demand and Receipt pegging preference across ownership, when the requested customer parts are not available.
 - Not Allowed – Other Customer parts will not be considered against a demand irrespective of definition available in the Demand and Receipt pegging preference across ownership, when the requested customer parts are not available.

Exhibit 2: Identifies the new option setting in **Edit Terms of Execution** tab in **Sale Contract** business component

The screenshot displays the 'Edit Terms of Execution' interface. The 'Part Handling Details' tab is active, showing a table of part handling options. The table has columns for #, Category, Element, Description, Value, Value Selected, Permitted Values, Auto, Hold, Note, Hold, Internal, and Hold Comments - Internal. A red box highlights the row for 'Usage of Other Customer Parts' (Category: Execution, Element: Customer Parts, Description: Usage of Other Customer Parts). A yellow callout box points to this row with the text: 'New option added Under Category 'Execution' in Sale Contract'.

#	Category	Element	Description	Value	Value Selected	Permitted Values	Auto	Hold	Note	Hold	Internal	Hold Comments - Internal
1	Execution	Parts Consumption	Parts Supplied by	0	Only Customer	Enter '0' for 'Only Customer', '1' for						
2	Execution	Customer Parts	Customer Supplied Parts	2	Not Applicable	Enter '0' for 'Customer Specific Part						
3	Execution	Usage of Internal	Usage of Internal Parts in case of shortage of	0	Allowed	Enter '0' for 'Allowed', '1' for 'Not						
4	Execution	Customer Parts	Usage of Other Customer Parts			Enter '0' For 'Allowed', '1' For 'Not						
5	Execution	Exchange	Top-assembly Regular Exchanges	1	Not Allowed	Enter '0' for 'Allowed', '1' for 'Not						
6	Execution	Exchange	Top-assembly Regular Exchanges	1	Not Allowed	Enter '0' for 'Allowed', '1' for 'Not						
7				2	Allowed with Approval	Enter '0' for 'Allowed', '1' for 'Not	Yes				Other...	
8				2	Allowed with Approval	Enter '0' for 'Allowed', '1' for 'Not	Yes				Other...	

Stock Demand Management

A new activity **Demand & Receipt pegging reference across ownership** is added in the **Stock Demand Management** business component, to facilitate allocation and issue of other Customer Parts when the Requested Customer Stock is not available. The activity enables identifying the Demand and Receipt pegging preference for the customer stocks across ownerships (i.e. Usage of customer parts for Internal and other customer requirements), along with order of preference & Conversion Mode.

1. Demand Trading Partner # - Identifies the Trading Partner when other customer parts can be used for the Demand Trading Partner, if requested part is not available with the customer #. This field can be left blank, when other customer parts can be used for internal requirements.
2. Supply Trading Partner # - Identifies the Trading Partner that supplies the Requested Part #.
3. Order of Preference – The preferred sequence in which the Supply Trading Partner must be searched for Requested quantities for the Demand Trading Partner #. Sequence number is a positive integer.
4. Conversion Mode – Conversion of Ownership and Stock status of parts within the Supply Trading Partner & Demand Trading Partner #. The Conversion Mode is either 'Direct' or 'Through Internal'.

- Direct - Stock Status and Ownership of the Part supplied by the Supply Trading Partner # will be changed as Requested Stock Status and Ownership for the Demand Trading Partner #. For Trading Partner Type 'Owned', Conversion Mode will always be Direct.
- Through Internal - Stock Status and Ownership of the Part supplied by the Supply Trading Partner # will be updated as 'Ownership Internal' during the Stock Status Conversion and then the same parts will be allocated to Demand Trading Partner #.

Exhibit 3: Identifies the activity Demand & Receipt pegging reference across ownership in Stock Demand Management business component

#	Trading Partner Type	Demand - Trading Partner #	Supply - Trading Partner #	Order of Preference	Conversion Mode	Demand - Trading Partner Name	Supply - Trading Partner Name	Remarks	Created by
1	Customer	400007	400093	1	Direct	Customer 8	Customer 12		DMUSER
2	Customer	400093	400096	1	Direct	Customer 12	Customer 13		DMUSER
3	Customer	400093	400007	2	Direct	Customer 12	Customer 8		DMUSER
4	Customer	400007	400016	3	Direct	Customer 8	Customer 10		DMUSER
5	Customer				Direct				

Usage of other customer parts, when requested customer part is not available in the stock

When a Customer Part is requested through a General Materials Request or Maintenance Material Request having no Sale Contract reference, then system will allocate the parts based on following hierarchy.

1. Allocate the Requested Parts with the Requested Ownership and Stock Status.
2. Allocate Alternate Parts or Stock status based on demand and receipt pegging preferences set in Set options activity in Stock Demand Management business component, when Requested Part is not available.
3. Allocate other Customer Parts based on Option setting 'Usage of other Customer stocks' defined in the **Manage Additional options** screen in Customer Master component and the definition set in **Demand & Receipt pegging preference across ownership**, when the Requested Customer Parts are not available.

Note: If system allocates other customer part for the Material Request, then at the time of Issue Confirmation, system will create an Automatic Stock Conversion document to change the Ownership from Supply Trading Partner to Demand (Requested) Trading Partner. Similarly stock status will also be changed to Requested Stock Status, if the Supplied Stock Status and Requested Stock Status are different.

When a Customer Part is requested through a Maintenance Material Request having Sale Contract reference, then system will allocate the parts based on following hierarchy.

1. Allocate the Requested Parts with the Requested Ownership and Stock Status. Allocate Alternate Parts or Stock status based on demand and receipt pegging preferences set in **Set options** activity in **Stock Demand Management** business component, when Requested Part is not available.

2. Allocate the Internal Parts, when the Sale Contract says consider the Internal stocks when the Customer Parts are not available.
3. Allocate other Customer Parts based on Option setting defined in the **Sale Contract** (i.e. Usage of Other Customer Parts) business component and the definition set in **Demand & Receipt pegging preference across ownership**, when the Requested Customer Parts are not available.

Note: If system allocates other customer part for the Material Request, then during Issue Confirmation, system will create an Automatic Stock Conversion document to change the Ownership from Supply Trading Partner to Demand (Requested) Trading Partner. Similarly stock status will also be changed to Requested Stock Status, if the Supplied Stock Status and Requested Stock Status are different.

Usage of other customer parts, when requested internal parts are not available in the stock

Logistics Common Master

A new set option is added under the Category 'Stock Demand Management' in the **Set Inventory Process Parameters** activity of the **Logistics Common Master** business component.

- 'Usage of Customer Parts incase of shortage of Internal Parts' provides the following options:
 - Allowed - Upon Authorization of Maintenance or General MR having the internal parts requirement, system should consider customer stocks available in the same warehouse or Matrix warehouse, when the requested part is not available and also there is Demand and Receipt pegging preference across ownership is already defined for Trading Partner Type 'owned' and Supply Trading Partner #.
 - Not Allowed - Upon Authorization of Maintenance or General MR having the internal Parts requirement, system should consider only requested internal parts and it should not consider customer parts.

Exhibit 4: Identifies the option setting added under the Category 'Stock Demand Management' in **Set Inventory Process Parameters** screen

#	Category	Parameter	Permitted Value	Value	Status	Error Message
1	Stock Demand	Default Need Date: From	Enter no. of days to be considered prior to the current date	30	Defined	
2	Stock Demand	Default Need Date: To	Enter no. of days to be considered later than current Date	30	Defined	
3	Stock Demand	PR generation option	Enter '1' for 'Prime Part', '2' for 'Requested Part', '3' for	2	Defined	
4	Stock Demand	Prioritization of MR for receipt pegging	Enter '1' for 'All MR', '2' for 'Originating MR followed by MR	2	Defined	
5	Stock Demand	Usage of Customer Parts in case of shortage of Internal Parts	Enter '0' for 'Not Allowed', '1' for 'Allowed'	1	Defined	
6						

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

Ability to value customer stock in inventory and persist the value in transactions

Reference: AHBG-11495

Background

MRO organizations may maintain their customer's inventory and procure parts on behalf of their customers. Hence a need arises to value customer stocks and manage accounting for the inventory. This feature provides the ability to value customer stock in the inventory, manage accounting for the customer inventory and generate / publish reports on the stock value of the customer's inventory. This enhancement provides the following features:

- Ability to identify a Customer owned stock status as 'Valuated'
- Ability to identify customers whose inventory shall be valued
- Ability to persist the stock value for Customer Owned Parts (if transacted in Stock Statuses that are valuated) based on the Part's Valuation Method, Expense Type and Expensing Policy
- Ability to persist the stock value in the Inventory transactions like Stock Issue, Receipts, Returns, Corrections and Conversions
- Ability to generate Stock Reports for Customer Inventory with the Value of the same displayed
- Ability to manage Accounting for Customer Inventory (if the Customer is a group company)

Change Details

Logistics Common Master

A new set option is added under the Category 'Stock Maintenance' in the **Set Inventory Process Parameters** activity of the **Logistics Common Master** business component, to facilitate valuation of customer stock in inventory.

- 'Inventory Valuation of Customer Stock' with the following options:
 - Yes –Indicates valuation of customer stock in the inventory is required.
 - No – Valuation of customer stock is not required.

User Defined Stock Status

The Status Attribute 'Valuated?' is set as "Yes" for Customer Owned Stock Status in the **User Defined Stock Status** business component based on the above option set in the Logistics Common Master, to identify valuation of customer owned parts.

Customer

A new set option 'Valuation of Revenue Parts' is added in the **Manage Additional Options** screen of the **Customer** business component to facilitate valuation of customer stock.

- 'Valuation of Revenue Parts' is added with the following options:
 - Required – Indicates that revenue parts needs to be valuated for a given customer in the inventory.
 - Not Required – Indicates valuation of revenue parts for the given customer is not required

Exhibit 1: Identifies the option setting added in **Set Inventory Process Parameters** screen

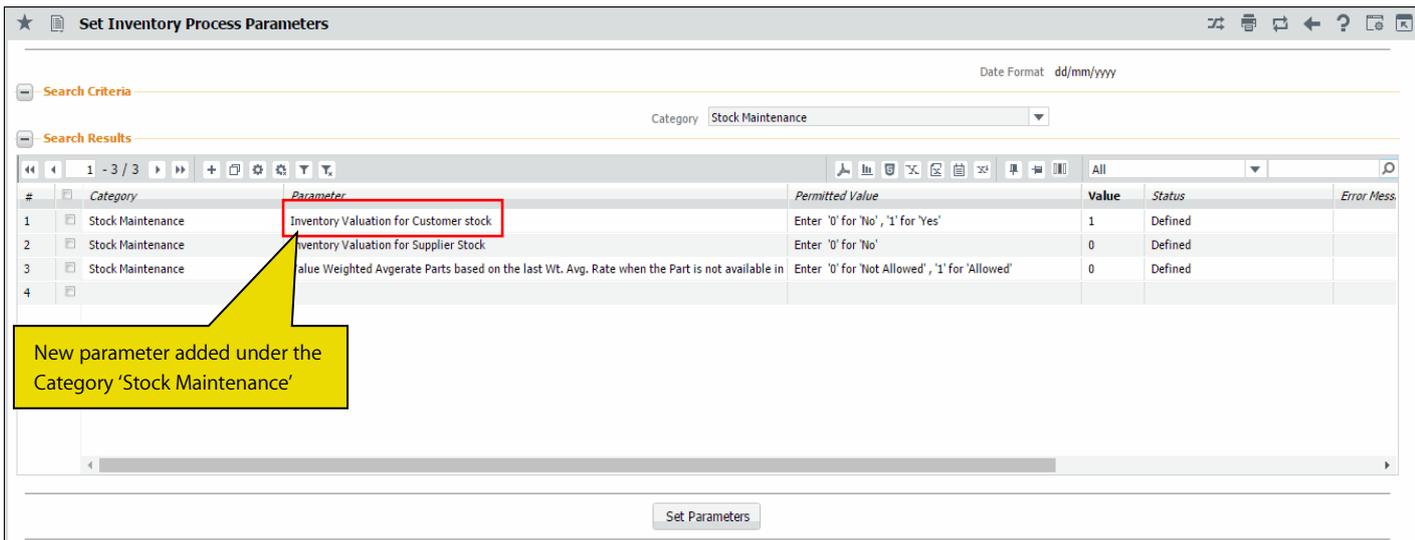


Exhibit 2: Identifies the option setting added in **User Defined Stock Status** business component

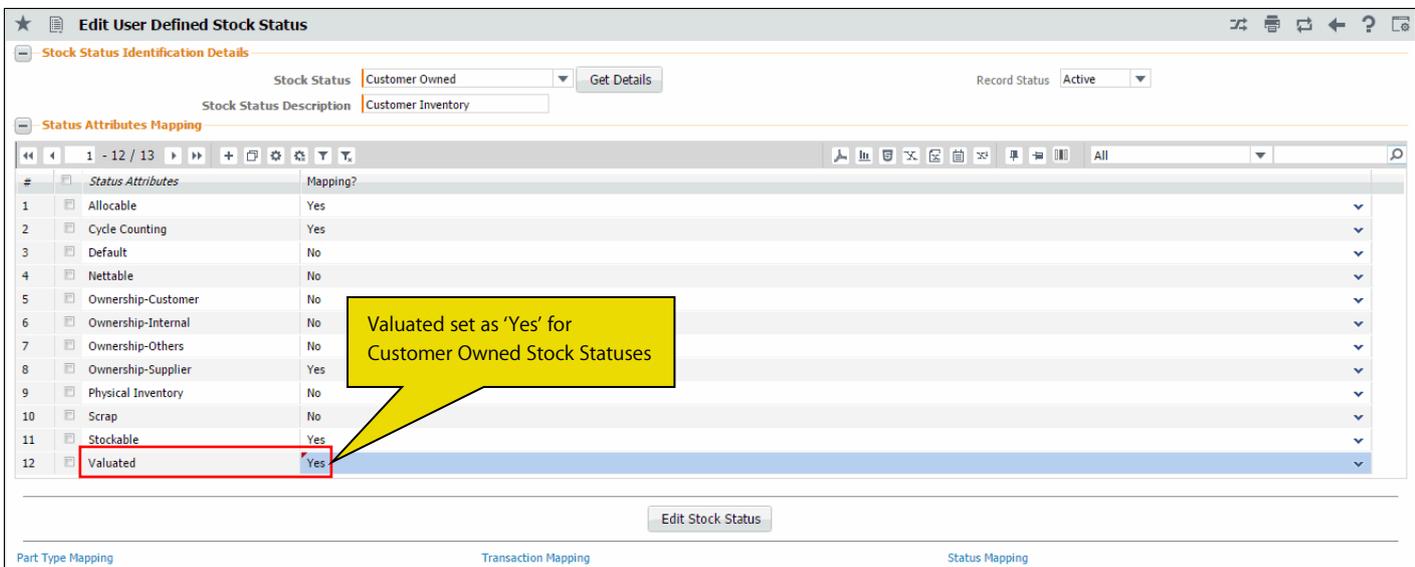
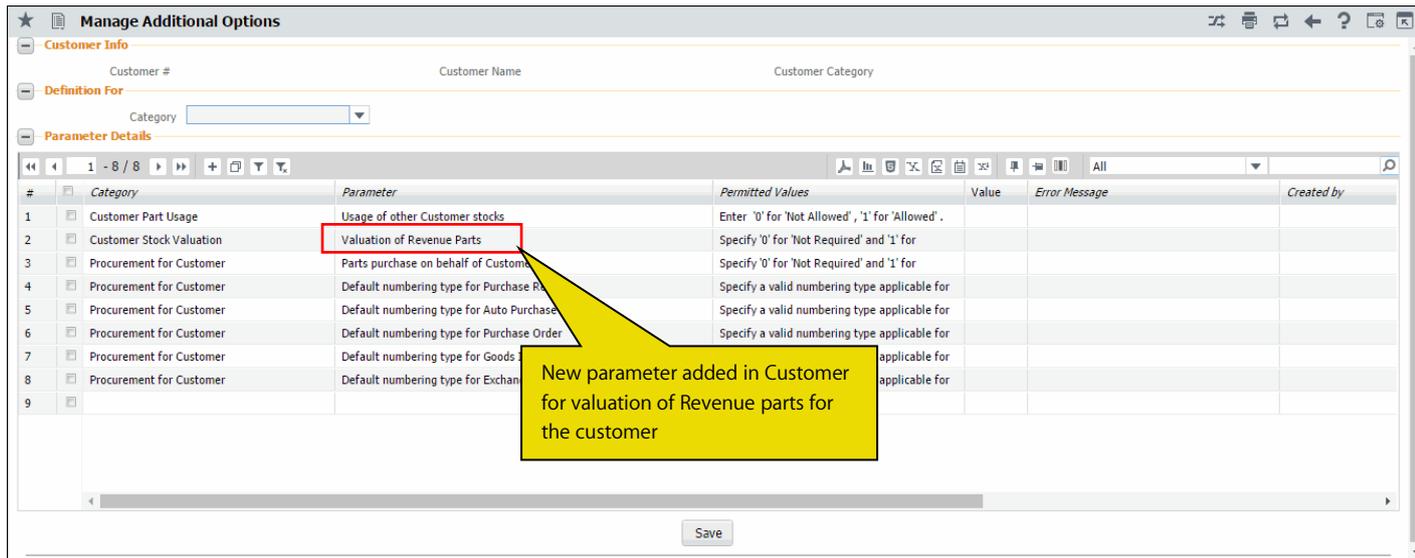


Exhibit 3: Identifies the option setting added in **Manage Additional Options** screen in **Customer** business component

Transaction Wise Customer Stock Valuation

Unplanned Receipt:

The customer stocks brought into inventory via unplanned receipt will be valued if

- Part's expense type is 'Revenue'.
- For the Customer # entered, set option 'Valuation of Revenue Parts' is set as 'Required' in Customer Business Component.
- For the selected stock status, 'Valuation' attribute defined is 'Yes' for the Ownership-Customer in UDSS.
- Cost will be taken as the Total Cost if it is entered (Validation to restrict entering of total cost for Customer Stock will be relaxed based on set option), else the Standard Cost of the Part and stock will be moved into inventory, provided the expensing policy of the part is other than 'On Receipt'.

Stock Return:

The customer stocks shall be valued if,

- Part's expense type is 'Revenue'.
- For the Customer # entered, set option 'Valuation of Revenue Parts' is set as 'Required' in Customer Business Component.
- For the selected stock status, 'Valuation' attribute defined is 'Yes' for the Ownership-Customer in UDSS.
- Cost will be computed based on the Return Basis i.e., for Return Basis 'Excess Return' and 'Returnable', the part value shall be the issue cost. For return basis 'Core', the part value shall be computed based on the valuation method of the part, provided the expensing policy of the part is other than 'On Receipt'.

Stock Transfer Receipt:

The customer stocks brought into inventory via Stock Transfer Receipt will be valued if

- Part's expense type is 'Revenue'.
- For the Customer # entered, set option 'Valuation of Revenue Parts' is set as 'Required' in Customer Business Component.
- For the selected stock status, 'Valuation' attribute defined is 'Yes' for the Ownership-Customer in UDSS.
- Cost will be taken as the Issue Cost if issued customer part is valued, provided the expensing policy of the part is other than 'On Receipt'.

Tools Return:

The customer stocks brought into inventory will be valued if

- a. Part's expense type is 'Revenue'.
- b. For the Customer # entered, set option 'Valuation of Revenue Parts' is set as 'Required' in Customer Business Component.
- c. For the selected stock status, 'Valuation' attribute defined is 'Yes' for the Ownership-Customer in UDSS.
- d. Cost will be taken as the Issue Cost if issued customer part is valued, provided the expensing policy of the part is other than 'On First Issue'.

Kit Return:

The customer stocks will be valued if

- a. Part's expense type is 'Revenue'.
- b. For the Customer # entered, set option 'Valuation of Revenue Parts' is set as 'Required' in Customer Business Component.
- c. For the selected stock status, 'Valuation' attribute defined is 'Yes' for the Ownership-Customer in UDSS.
- d. Cost will be taken as the Inventory Cost if issued customer part is valued, provided the expensing policy of the part is other than 'On First Issue'.

Stock Issues:

The customer stocks will be valued if

- a. Part's expense type is 'Revenue'.
- b. For the Customer # entered, set option 'Valuation of Revenue Parts' is set as 'Required' in Customer Business Component.
- c. For the selected stock status, 'Valuation' attribute defined is 'Yes' for the Ownership-Customer in UDSS.
- d. Stock will be issued in the inventory with the cost it carries in the inventory.

Stock Correction:

The customer stocks brought into inventory will be valued if

- a. Part's expense type is 'Revenue'.
- b. For the Customer # entered, set option 'Valuation of Revenue Parts' is set as 'Required' in Customer Business Component.
- c. For the selected stock status, 'Valuation' attribute defined is 'Yes' for the Ownership-Customer in UDSS.
- d. Cost will be taken based on the Valuation Method.

Stock Status Conversion:

The customer stocks brought into inventory via unplanned receipt will be valued if

- a. Part's expense type is 'Revenue'.
- b. For the Customer # entered, set option 'Valuation of Revenue Parts' is set as 'Required' in Customer Business Component.
- c. For the selected stock status, 'Valuation' attribute defined is 'Yes' for the Ownership-Customer in UDSS.
- d. If internal stock is converted to Customer Stock which is valued, customer stock will take the internal stock value and vice versa.

Valuation of Customer Stock in GI and Minor enhancements in Purchasing on behalf of Customer

Reference: AHBG-10647, AHBG-12237, AHBG-12070

Background

Currently, Purchase Requests on behalf of Customer can only be covered using Purchase Orders raised on behalf of the same customer. Business requirement is to relax this function and enable to cover such PRs even against the Purchase Orders raised for self, as internal stock can be used against Customer demands. Also the enhancement provides the ability to value the customer parts received through Goods Inward.

Change Details

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

- Coverage of 'On behalf of Customer PR' by 'On behalf of Customer PO' with the following options:
 - Optional – Coverage of Customer PRs on behalf of Customer PO can be made optional.
 - Mandatory - Customer PRs need to be covered against PO of same customer

A new set option is added in the **Manage Additional Options** screen of the **Customer** business component.

- "Parts Procure on behalf of customer" is added with the following options:
 - Required – Indicates that sourcing of customer demands is through On behalf Purchases
 - Not Required – On behalf purchase is not applicable.

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

The screenshot shows the 'Purchase Option Settings' interface. At the top, there are several configuration options with dropdown menus. Below these is an 'Additional Parameters' section for the 'Purchase Request' category. A table lists the parameters, with the last one highlighted by a red box and a yellow callout box.

#	Category	Parameter	Permitted Value	Value	Status	Error Message
11	Purchase Request	Pending Repl. Qty check for Scrap	Enter '0' for 'Not Required', '1' for 'Required'	0	Defined	
12	Purchase Request	Copy Customer # in MR as PR Remarks for PR raised from Plan	Enter '0' for 'Not Required', '1' for 'Required'	0	Defined	
13	Purchase Request	PR Work Center different from Ref. Doc. Work Center	Enter '0' for 'Not Allowed', '1' for 'Allowed'	1	Defined	
14	Purchase Request	Specific Buyer Group based PR search	Enter '0' for 'Exclude PR without a Buyer Group', '1' for 'Include PR	1	Defined	
15	Purchase Request	Coverage of 'On behalf of Customer PR' by 'On behalf of Customer PO'	Enter '0' for 'Optional', '1' for 'Mandatory'		Not	

Exhibit 2: Identifies the option setting in **Manage Additional Options** screen in **Customer** business component

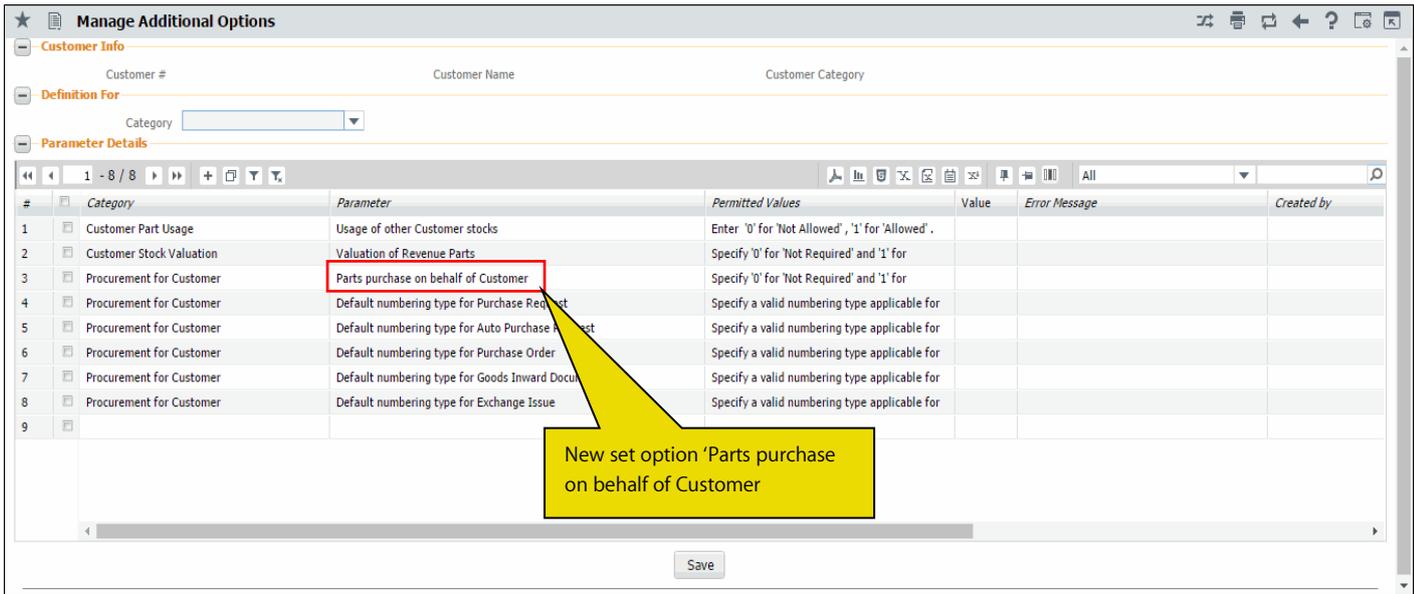
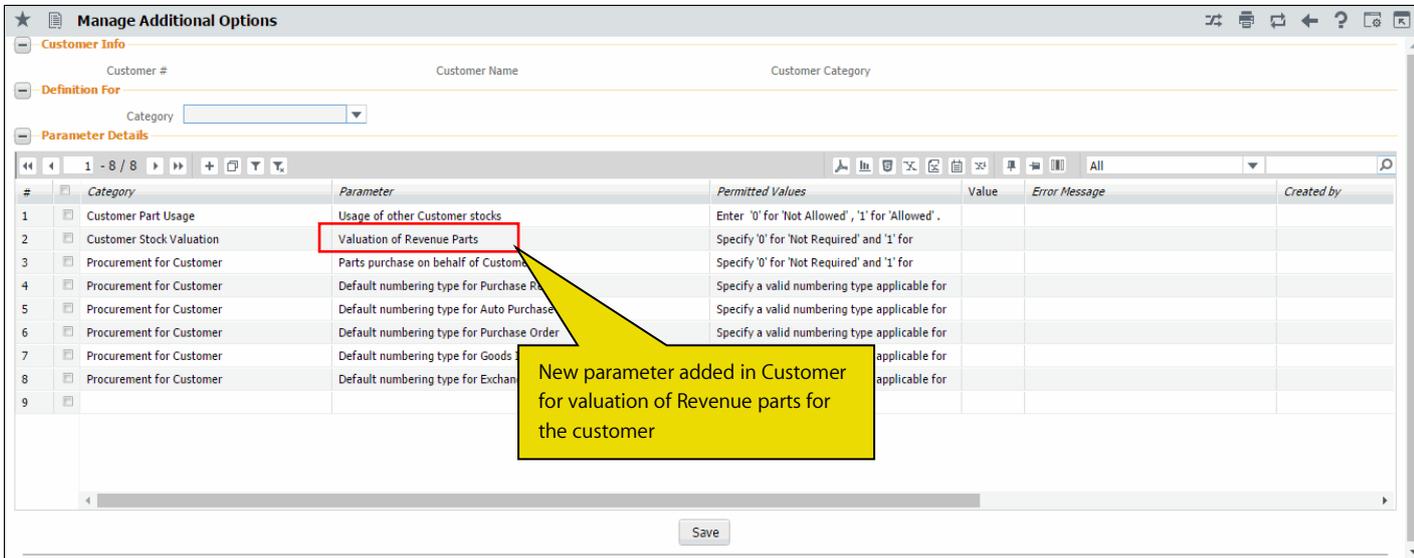


Exhibit 3: Identifies the option setting added in **Manage Additional Options** screen in **Customer** business component



Auto Generation of PR from Plan Material Screen:

Purchase for will be updated as customer and Pur. For Trading Partner # with the Customer # in MR if:

- 1) Option 'Purchase Order on behalf of Customer' is set as 'Allowed' in the Purchase Option setting
- 2) MR # referring which PR is generated has a Customer # for whom in Customer master, Purchase On behalf of customer is set as 'Allowed'
- 3) Option for default sourcing for demands is set as 'On Behalf Procurement',

If option default sourcing for demands is set as 'Customer Goods PO', the PR will be generated with Purchase for as 'Self' and PO & Inv. Org. will be derived as the login company description.

Billable to customer:

If Purchase for Trading Partner # entered is a non-group company (i.e.) Nature of Relationship is set as 'External' in the Edit Customer Record activity of the Customer business component, Billable to Customer checkbox can be checked in Create Purchase Order or in PR Based PO Screen, and the value can be modified in Edit and Amend PO Screens. In case it is an auto generated PO, if Purchase for Trading Partner # entered is a non-group company and if the option 'Billability of on behalf procurement' is set as 'Yes', the Billable to customer checkbox will be checked, else, it will not be checked.

Customer Parts valuation:

Customer Part Inventory Cost will be computed based on the Receipt Type - Part Expense Type - Part Valuation Method - Expensing Policy and stock value will be updated as per following logic and finance postings will be called (as required).

Regular Purchase:

Customer Part Inventory Cost will be computed as PO Cost if,

- 1) Part Expense Type is 'Revenue'.
- 2) 'Valuation of Revenue Parts' (**Customer** business component) is set as 'Required' for the Customer #.
- 3) For the selected stock status, 'Valuation' attribute defined for the Ownership-customer Stock Status is 'Yes' in UDSS.
- 4) Expensing Policy of the part is other than 'On Receipt'.

Repair Receipt:

Customer Part Inventory Cost will be computed as Total Repair Cost if,

- 1) Part Expense Type is 'Revenue'.
- 2) 'Valuation of Revenue Parts' (**Customer** business component) is set as 'Required' for Customer # in Reference Document.
- 3) For the selected stock status, 'Valuation' attribute defined is 'Yes' for the Ownership-Customer in UDSS.
- 4) Expensing Policy of the part is other than 'On Receipt'.

CO based CGR:

Customer Part Inventory Cost will be computed based on valuation method if,

- 1) Part Expense Type is 'Revenue'.
- 2) 'Valuation of Revenue Parts' (**Customer** business component) is set as 'Required' for the Customer #.
- 3) For the selected stock status, 'Valuation' attribute defined is 'Yes' for the Ownership-Customer in UDSS.
- 4) Expensing Policy of the part is other than 'On Receipt'.

Direct CGR:

Customer Part Inventory Cost will be computed based on valuation method if,

- 1) Part Expense Type is 'Revenue'.
- 2) 'Valuation of Revenue Parts' (**Customer** business component) is set as 'Required' for the Customer #.
- 3) For the selected stock status, 'Valuation' attribute defined is 'Yes' for the Ownership-Customer in UDSS.
- 4) Expensing Policy of the part is other than 'On Receipt'.

Cust. Goods PO based CGR:

Customer Part Inventory Cost will be computed based on valuation method if,

- 1) Part Expense Type is 'Revenue'.
- 2) 'Valuation of Revenue Parts' (**Customer** business component) is set as 'Required' for the Customer #.
- 3) For the selected stock status, 'Valuation' attribute defined is 'Yes' for the Ownership-Customer in UDSS.
- 4) Expensing Policy of the part is other than 'On Receipt'.

Accounting Impact**Pre-requisite for Procurement of Parts on behalf of Customer (Non Group Company)**

A new Automatic Post Account Type: "CUSTOMER PENDING BILLBACK" has been introduced to account for all the part and TCD cost incurred while Part(s) are procured on behalf of Customer with the intention of billing it back to Customer for reimbursement. The value of Part Cost will be accounted to this automatic posting account type during Goods Receipt. The value for Taxes, Charges and Discount added in Purchase Order with Account Rule as "Add to Stock" shall be accounted in the automatic posting account type. The balance lying in Customer Pending Bill-back will be knocked off proportionate to the number of quantity invoiced billed back to Customer using Customer Billback Invoice.

The break-up information for the balance in the "CUSTOMER PENDING BILLBACK" can be reviewed in the **View Account Balance** report (Book Keeping → Finance Book Processing → View Account Balance) for the Transit Account Type "CUSTOMER PENDING BILLBACK".

A new Pre-defined usage "COGS-BB" (Cost of Goods Sold – Bill back) has been introduced to book the cost incurred through the Purchase Orders which are flagged as Non-billable to Customer. The COGS accounting shall take place during confirmation of the Goods Inward. The default Cost Center for this COGS-BB account is enabled in the following screen: Finance Setup → BU Parameter Setup → Set Parameters - Default Cost Center.

Accounting Entries for Procurement of Part(s) on behalf of Customer (Non-Group Company) – Goods Receipt

PO: Billable to Customer?	Transaction	Event	Account Postings
Yes	Goods Receipt	GI Inspection	Dr. Customer Pending Billback Cr. Supplier Suspense/Exchange
Yes	Goods Receipt	GI Inspection- With TCD Account Rule- 'Expense Off'	Dr. TCD Account Cr. Supplier Suspense/Exchange
Yes	Goods Receipt	GI Inspection- With TCD Account Rule- 'Add to Stock'	Dr. Customer Pending Billback Cr. Supplier Suspense/Exchange
No	Goods Receipt	GI Inspection	Dr. Cost of Goods Sold-Billback (Predefined Usage) Cr. Supplier Suspense/Exchange
No	Goods Receipt	GI Inspection- With TCD Account Rule- 'Expense Off'	Dr. TCD Account Cr. Supplier Suspense/Exchange
No	Goods Receipt	GI Inspection- With TCD Account Rule- 'Add to Stock'	Dr. Cost of Goods Sold-Billback (Predefined Usage) Cr. Supplier Suspense/Exchange

Supplier Order Based Invoice

When the Purchase Order raised on behalf of Customer is invoiced, any rate variances or exchange rate variances in the Invoice shall be billed back to customer. Such variances will be posted to Customer Pending Bill back for both Item Cost and T/C/D value.

Accounting Entries for Procurement of Part(s) on behalf of Customer (Non-Group Company) – Supplier Invoice

PO: Billable to Customer?	Transaction	Event	Account Postings
Yes	Supplier Invoice	Save & Authorize / Match Invoice- <u>COST</u> a. Exch. Rate Variance (Loss) b. Positive Variance- Part and TCD Cost	All Variance except Discount Dr. Customer Pending Billback Cr. Supplier Control Account For Discount / negative variance Dr. Supplier Control Account Cr. Customer Pending Billback
Yes	Supplier Invoice	Save & Authorize / Match Invoice- <u>COST</u> Invoice Level TCD (Expense Off)	Dr. TCD Account Cr. Supplier Control Account
Yes	Supplier Invoice	Save & Authorize / Match Invoice <u>COST</u> Exchange Rate Variance (Gain)	Dr. Supplier Control Account Cr. Customer Pending Billback
No	Supplier Invoice	Save & Authorize / Match Invoice- <u>COST</u> a. Exch. Rate Variance (Loss) b. Positive Variance- Part and TCD Cost	All Variance except Discount Dr. COGS-BB Cr. Supplier Control Account For Discount/ negative variance Dr. Supplier Control Account Cr. COGS-BB
No	Supplier Invoice	Save & Authorize / Match Invoice- <u>COST</u> Invoice Level TCD	Dr. TCD Account Cr. Supplier Control Account
No	Supplier Invoice	Save & Authorize / Match Invoice <u>COST</u> Exchange Rate Variance (Gain)	Dr. Supplier Control Account Cr. COGS-BB

Procurement of Parts on behalf of Customer (Group Company)

Reference: AHBG-12082, AHBG-12113

Background

Currently, Purchase Order supports only procurement of part(s) on behalf of Supplier which is a group Company. This enhancement allows user to procure part(s) on behalf of Customer which is a group Company, accept the Goods and record Invoice against the same. 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** (See Exhibit: 4) as 'Group Company' and specify the unique **Company Code** i.e., Destination Company Code.

Example: Transacting Company 'ABC Ltd.' need to procure 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.

New Set options (See Exhibit: 5) are introduced to Enable Automatic Accounting on behalf of Destination Company in Business Process Component **Finance Setup** under Component **Organization Setup** Activity **Maintain Organization Parameters**. Here, Login OU Company (Source Company) shall establish the relationship amongst the Group Companies.

In **Maintain Organization Parameters** screen, user needs to provide input for 2 parameters namely: 'Defn. for Company Code' and 'Transacting With Company Code'.

- 'Defn. for Company Code' captures the Source Company Code i.e., organization that will procure part(s) on behalf of related company
- 'Transacting With Company Code' is used capture the Destination Company Code whereby the accounting transaction shall be recorded.

Exhibit 1: Edit Customer Main Information screen for capturing the Destination (Group) Company in the books of Source Company

The screenshot shows the 'Edit Customer Main Information' interface. The 'Additional Details' section is highlighted with a red box, containing the following fields:

- Nature Of Customer: Group Company
- Company Code: AVN
- BU: AVBU
- Partner ID: (empty)

Other visible fields include:

- Trade Regulatory Compliance: (empty)
- Address Information: 2450 SASKATCHEWAN AVENUE LIN, Trichy, Tamil Nadu, 620001, CA, 514-422-7239
- Commercial Information: Credit Checking At: Total Hierarchy, Customer Account Group: UK

Exhibit 2: Set options enabling accounting on behalf of **Destination Companies**

The screenshot shows the 'Maintain Options for Partner Transactions' screen with the 'Set Options' tab selected. The table below lists the options for partner AVN:

#	Process Parameter	Permitted Values	Value	Defn. for - Partner Id	Transacting with - Partner Id	Error Message	Option Category
1	Enable Automatic Accounting on behalf of Dest. Company (Customer)	Enter '0' for 'No' and '1' for 'Yes'	1				Related Company
2	Basis of Accounting in Destination Company (Customer)	Enter '0' for 'Account Mapping' and '1' for 'Source Account'	1				Related Company
3	Consider Source Company CC and Analysis for Dest. Company Accounting	Enter '1' for 'Yes'	1				Related Company
4	Default FB for Recording Transactions for Trading Partner (Customer)	Enter valid Finance Book defined in Destination Company	AVNFPB				Related Company
5	Invoicing for Purchase on behalf of Dest. Company (Customer)	Enter '1' for 'By Dest. Company'	1				Related Company
6	Capex PO on behalf of Dest. Company (Customer)	Enter '0' for 'Not Allowed' and '1' for 'Allowed'	1				Related Company
7							

Process Parameter	Permitted Values	Remarks
Enable Automatic Accounting on behalf of Dest. Company (Customer)	Enter '0' for 'No' and '1' for 'Yes'	Based on this option, automatic accounting for the procurement can be enabled in the destination Company.
Basis of Accounting in Destination Company (Customer)	Enter '0' for 'Account Mapping' and '1' for 'Source Account Code'	If option is set as '0': Accounting Transaction in the Destination Company will take place based on the account code mapping from Source to Destination Company (See Exhibit:6) If option is set as '1': Accounting in Destination Company shall be based on similar Account code available in Source Company for the Transaction Types- Goods Inward and Supplier Order Based Invoice
Consider Source Company CC and Analysis for Dest. Company Accounting (Customer)	Enter '1' for 'Yes'	This set option uses the Cost Center (CC) and Analysis Code of the Source Company for accounting in Destination Company.
Default FB for Recording Transactions for Trading Partner (Customer)	Enter valid Finance Book defined in Destination Company	User need to provide a valid default Finance Book in which the account postings shall be recorded for the Destination Company
Invoicing for Purchase on behalf of Dest. Company (Customer)	Enter '1' for 'By Dest. Company'	User is allowed to record invoice against Purchase Order only in Destination Company.
Capex PO on behalf of Dest. Company (Customer)	Enter '0' for 'Not Allowed' and '1' for 'Allowed'	If this option is set as '0': - Transacting Company is not allowed to procure capital part on behalf of destination company. If this option is set as '1': - Transacting Company is allowed to procure part on behalf of destination co.

Exhibit 3: Set options enabling accounting on behalf of Destination Companies in Maintain Account Mapping across Companies

#	Source Account Code	Source Acct. Desc	Source Acct. Currency	Source Acct. Class	Dest. Company	Dest. Partner Id	Dest. Account. Code	Dest. Ac.
21	131000	Inventory - Consumables	CAD	BALANCESHEET	ABCL		231000	
22	132000	Goods Receipt Pending	CAD	BALANCESHEET	ABCL		232000	
23	132100	Inventory - Suspense	CAD	BALANCESHEET	ABCL		232100	
24	132101	Customer Exchange	CAD	BALANCESHEET	ABCL		232101	
25	133000	Goods In Transit	CAD	BALANCESHEET	ABCL		233000	
26	134000	OV - Repairables	CAD	BALANCESHEET	ABCL		234000	
27	134100	OV - Consumables	CAD	BALANCESHEET	ABCL		234100	
28	136000	Maintenance Suspense	CAD	BALANCESHEET	ABCL		236000	
29	136100	Rental Suspense	CAD	BALANCESHEET	ABCL		236100	
30	136200	Spare Suspense	CAD	BALANCESHEET	ABCL		236200	

Transaction Flow:

After setting up of all relevant master data, Source Company can raise Purchase Order on behalf of its related company. User need to specify the Trading Partner (which is nothing but Customer Code- identified as related company) and choose 'Purchase for' as 'Customer' on account of whom the purchase is affected. Purchase Order Types: General/Express and Exchange shall support procurement on behalf of customer. PO will be recorded in Source Company records. Exchange Rate Information shall be captured from source company records for accounting transaction impacting Goods Inward.

Goods Inward shall be recorded in Source Company but the accounting entry shall take place in Destination Company. Stock Status of such goods moved into the warehouse shall be of ownership as 'Customer'.

Supplier Order Based Invoice has to be recorded in the respective Destination Company itself for the Purchase Order raised by the Source Company. 'Help button' on Purchase Order has been enhanced to refer and fetch the Purchase Order created in Source Company by referring the 'Ordering Point' (See Exhibit 7) which load the company code of other related company based on CIM interaction. User can also view the Purchase Order against which the invoice needs to be raised.

Prepayment Voucher

Prepayment Voucher for advances has to be created in the respective Destination Company. **Prepayment Voucher** is enhanced to refer the Purchase Order created in Source Company. Advance information in Purchase Order – Terms and Conditions will be considered for recording Prepayment. Help on Ref. Document # in Prepayment Voucher is enhanced to refer Purchase Order from Source Company.

Exhibit 4: Help on Order in Supplier Order Based Invoice

Help on Order

Search Criteria

Order #

Ordering Point

Supplier #

Search based on

Search Type

Invoice Category

Order Type

Expense Type

Forward Cover

Date To

Search Results

1 - 10 / 1744

#	Ordering Point	Order #	Order Authorized Date	Supplier #	Supplier Name
1	RAMCOOU	POA-000104-2017	20/Apr/2017	00000	Supplier 2
2	RAMCOOU	POA-000097-2017	13/Apr/2017	00000	Supplier 2
3	RAMCOOU	POA-000096-2017	13/Apr/2017	00000	Supplier 2
4	RAMCOOU	POA-000093-2017	05/Apr/2017	0000	TAGSH
5	RAMCOOU	POA-000078-2015	14/Oct/2015	00060	Supplier 6
6	RAMCOOU	POA-000073-2014	16/Jul/2014	00000	Supplier 2
7	RAMCOOU	POA-000063-2011	22/Nov/2011	81205	Supplier 350
8	RAMCOOU	POA-000062-2011	22/Nov/2011	81205	Supplier 350
9	RAMCOOU	POA-000061-2011	22/Nov/2011	81205	Supplier 350

OK

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

Compute Inventory Revaluation

Inventory Revaluation Details

Revaluation # IRV-000035

Account Usage STOCK ADJUSTMENT

Storage Location YULBAN

Revaluation Type Balance Sheet and Stock Revaluation

Valuation Method Actual Cost

Numbering Type IRV

Costing Usage 1100 - EMC GENER MGR

Warehouse # YULCS

Revaluation Period 01 Jun 2017 - 30 Jun 2017

Valuation Level Warehouse

Revaluation Basis Supplier Part Price List

Part Type

Current Date 18-08-2017

Analyze Revaluation

Balance Sheet Revaluation Details | **Stock Revaluation Details**

Part Details

#	Warehouse	Part #	Serial #	Part Type	Stock Status	Total Qty	Unit Rate	Supplier #	Supplier Name	Supplier Pricelist	Market Rate	Current Value	LCM Value	Part Account Group	Stock Correction #
1	YULCS	0-1:09058	464000B1-0	Component	Aveos Owned	1.00	42.57	00198	Supplier 9	0.01	0.01	42.57	0.01	REPAIRABLES	
2	YULCS	0-1:09058	46595F44-5	Component	Aveos Owned	1.00	42.57	00198	Supplier 9	0.01	0.01	42.57	0.01	REPAIRABLES	
3	YULCS	0-1:09058	48E85D59-E	Component	Aveos Owned	1.00	42.57	00198	Supplier 9	0.01	0.01	42.57	0.01	REPAIRABLES	
4	YULCS	0-1:09058	49FF7146-A	Component	Aveos Owned	1.00	42.57	00198	Supplier 9	0.01	0.01	42.57	0.01	REPAIRABLES	
5	YULCS	0-1:09058	48C512B2-9	Component	Aveos Owned	1.00	42.57	00198	Supplier 9	0.01	0.01	24.75	0.01	REPAIRABLES	
6	YULCS	0-1:09058	4C2878D9-A	Component	Aveos Owned	1.00	42.57	00198	Supplier 9	0.01	0.01	24.75	0.01	REPAIRABLES	
7	YULCS	0-1:09058	4C9E7E03-3	Component	Aveos Owned	1.00	42.57	00198	Supplier 9	0.01	0.01	42.57	0.01	REPAIRABLES	
8	YULCS	0-1:09058	5200C120-A	Component	Aveos Owned	1.00	42.57	00198	Supplier 9	0.01	0.01	42.57	0.01	REPAIRABLES	
9	YULCS	0-1:09058	53F1A37A-8	Component	Aveos Owned	1.00	42.57	00198	Supplier 9	0.01	0.01	42.57	0.01	REPAIRABLES	
10	YULCS	0-1:09058	54D98F1B-0	Component	Aveos Owned	1.00	42.57	00198	Supplier 9	0.01	0.01	42.57	0.01	REPAIRABLES	

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

Select Revaluation

Search Criteria

Revaluation #

Storage Location

Stock Correction #

Revaluation Period 01 Apr 2017 - 30 Apr 2017

Search

Status

Warehouse #

Voucher #

Search Details

#	Revaluation #	Status	Voucher #	Stock Correction #	Revaluated Value	No. of Items Affected
1	AWO-000132-2017	Fresh				3,430.53
2	AWO-000133-2017	Fresh				
3	AWO-000134-2017	Fresh				
4	AWO-000137-2017	Fresh				
5	AWO-000138-2017	In progress				

Ability to manage GST framework for Inter-State Stock Transfers

Reference: AHBG-14304

Background

It is quite common in Aviation business having movement of parts across India to transfer its stock to its other units, depots and warehouses to cater to timely delivery orders from different Geographical Locations. Under GST, levy of tax is on Supply which includes transfers and with the definition of distinct person, branches need to be treated as a different entity. Accordingly, any stock transfers are taxable both in intrastate stock transfer & Inter State Stock transfers. This enhancement provides the ability to manage GST framework for Stock Transfer documents under Indian GST frame work. The enhancement supports the following features:

- Tax (GST) can be levied for stock transfers - Issue and Receipt documents.
- Tax (GST) can be levied based on the parts movement (i.e. From where the parts are shipped and To where the parts moved).
- Review and adjust tax applied for stock Transfer Issue / Receipt documents.

Change Details

Logistics Common Master

Two new set options are added under the Category 'Stock Transfer' in the **Set Inventory Process Parameters** activity of the **Logistics Common Master** Business component.

- 'Allow Modification of Taxable Amount?' provides the following options:
 - Required - User will be allowed to enter / modify the Taxable Amount in **Manage Taxes for Inventory Transactions** screen.
 - Not Required - System will not allow user to enter or modify the Taxable amount in **Manage Taxes for Inventory Transactions** screen.
- 'Tax Inheritance' provides the following options:
 - Required – Allows Auto Inheritance of Tax in Stock Transfer Issue and Stock Transfer Receipt.
 - Not Required – Does not allow Auto Tax Inheritance.

Exhibit 1: Identifies the option setting defined in **Set Inventory Process Parameters** screen

The screenshot shows the 'Set Inventory Process Parameters' screen with the following table of parameters:

#	Category	Parameter	Permitted Value	Value	Status	Error Message
1	Stock Transfer	Allow Modification of Taxable Amount?	Enter '0' for 'Not Required', '1' for 'Required'	1	Defined	
2	Stock Transfer	Allow Modification of Taxable Amount?	Enter '0' for 'Not Required', '1' for 'Required'	1	Defined	
3	Stock Transfer	Default Transfer Type for Stock Transfer in Draft/Fresh Status	Enter '0' for 'General', '1' for 'Specific'	1	Defined	
4	Stock Transfer	Stock availability check for Stock Transfer in Draft/Fresh Status	Enter '0' for 'Not Required', '1' for 'Required'	0	Defined	
5	Stock Transfer	Tax Inheritance	Enter '0' for 'Not Required', '1' for 'Required'	1	Defined	
6						

A yellow callout box points to the 'Allow Modification of Taxable Amount?' parameter, stating: "New options added Under Category 'Stock Transfer'".

Stock Maintenance

A new activity **Manage Tax for Inventory Transactions** is added in the **Stock Maintenance** business component, to manage taxes during interstate stock transfers in accordance with the Indian GST. The activity allows auto inheritance of tax in Stock Transfer Issue and Stock Transfer Receipt based on set option. User can be allowed to enter / modify the Taxable Amount.

5. Document Type – The Document Type could be 'Stock Transfer Issue or 'Stock Transfer Receipt'.
6. Document Status - Status of the selected / entered document #.
7. Tax Applicability - Applicability of tax for the selected / entered document #.
 - For Stock Transfer Issue, Tax Applicability is Sales
 - For Stock Transfer Receipt Tax applicability is Purchase.
8. Doc. Amount - Total document amount of the selected / entered document #;
 - For Stock Transfer issue - Total issue value of the document.
 - For the Stock Transfer Receipt - Total Receipt value of the document (Total Issue value - Lost value)
9. Total Tax Amount - Total Tax amount incurred for the selected / entered document #.
10. Taxable Amount – The taxable amount for the Part # / document.
11. Tax Rate – The tax rate applicable for the Part # / document.
12. Tax Amount – The TCD amount for the Part # / document.

Tax Amount Calculation Logic (Compute)

If Taxes are recorded / modified and if 'Tax Applied on?' is selected as 'Document' or 'Line #/Part #', on Compute, the system computes the Tax Amount on (i) Total Issue value of the Stock Transfer Issue/Receipt document or (ii) for the selected Part # respectively, as follows:

- If user had not entered / modified taxable amount, then the system computes the Tax Amount on the Total Issue value of the Stock Transfer Issue/Receipt document.
- If user had entered the taxable amount based on the option setting in **Logistics Common Master**, the system computes the Tax Amount on the user modified Taxable Amount.

TCD Difference Amount Calculation Logic (Confirm)

If a new tax is added or an existing tax record is deleted or Tax Rate is reduced, the system updates the Tax Amount based on the modification and posts the TCD diff. amount on save based on the following logic:

- If 'Tax Applied on?' is set as 'Document' and if user has added a new tax record or Deleted an existing tax record or modified an existing tax rate, the system re-computes the Tax Amount based on the modified values and posts the diff. TCD amount (i.e. +ve or -ve) appropriately.
- If 'Tax Applied on?' is set as 'Line # / Part #' and if user has added a new tax record or Deleted an existing tax record or modified an existing tax rate to the corresponding to the Line # / Part #, the system re-computes the Tax Amount based on the modified values for the Line # / Part # and posts the diff. TCD amount (i.e. +ve or -ve) for the Line # / Part # by apportioning the cost to all qty appropriately.



Note: if the Invoice is processed for the document, the system does not allow the user to add New tax or delete any tax or revise any tax rate.

Auto Tax Inheritance Logic

Tax details will be auto inherited as follows, only if the option 'Tax Inheritance' is set as 'Required' in the **Set Inventory Process Parameters** activity of the **Logistics Common Master** business component.

- Stock Transfer Issue – Tax will be auto inherited from Manage Sales Tax Rules, when the Issue document creates in confirmed status.
- Stock Transfer Receipt – Tax will be auto inherited from Manage Purchase Tax Rules, when the Transfer Receipt document creates in confirmed status.

Exhibit 2: Identifies the new activity **Manage Tax for Inventory Transactions**.

Document Details

Document Type: Stock Transfer Receipt | Document #: STI-000002-2011 | Get | View Document

Document Status: Confirmed | Tax Applicability: Sales | Doc. Amount: | Total Tax Amount: |

Ref. Doc. Type: Stock Transfer Order | Ref. Doc. #: AST-000002-2011

Tax Details

#	Line #	Tax Applied On ?	Line # / Part #	Tax #	Tax Variant #	Taxable Amount	Tax Rate	Tax Amount	Currency	Remarks	Mfr. Part #	Part Description
1		Part/Line	1/25-70129-1:35895						CAD		25-70129-1	DOCUMENT POUCH
2									CAD			

Buttons: Compute | Save | Confirm | Print Tax Invoice

Ability to enable GST Accounting in Stock Transfer transaction

Reference: AHBG-14377

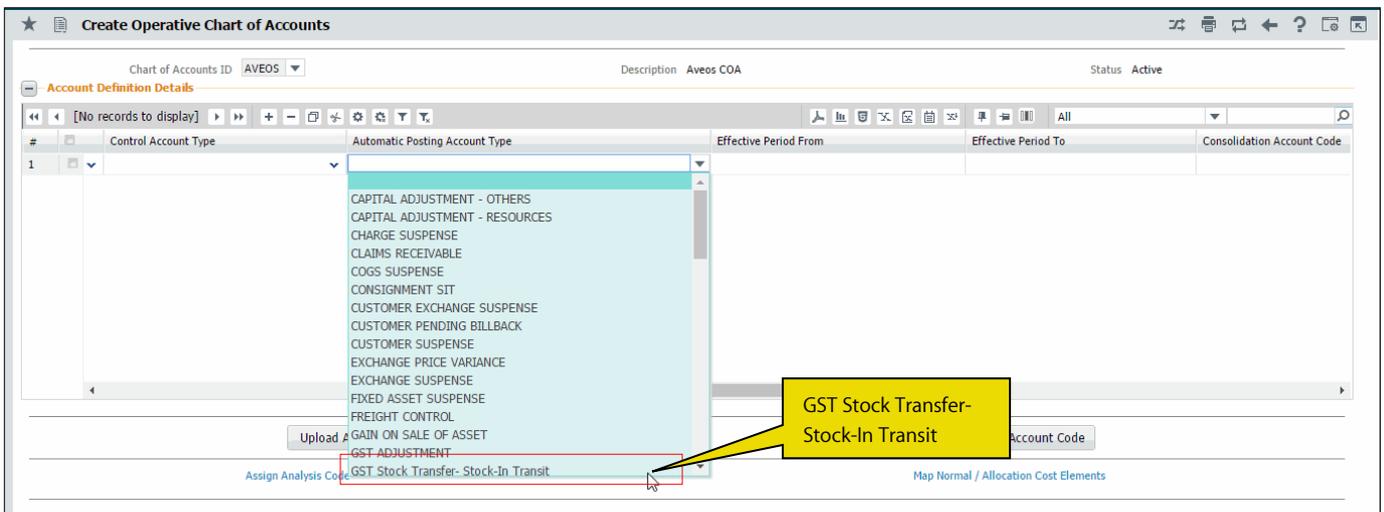
Background

In the current Tax framework, Tax (VAT/CST) will not be levied on Stock Transfers. With the revised GST Tax framework, GST will be applicable for Stock Transfers at the time of Issue as well as Receipt. This enhancement enables GST accounting for Inter-State Stock Transfers under Indian GST. Therefore taxes can be applied and accounted during interstate stock transfers in accordance with the Indian GST.

Change Details

A new value auto post accounting type "GST Stock Transfer – Stock-In Transit" has been added in the "Automatic Posting Accounting Type" column in the **Creative Operative Chart of Accounts** activity of the **Accounting Setup** business component under the **Finance Setup** business process.

Exhibit 1: Create Operative Chart of Accounts screen in the **Accounting Setup** business component



Account Postings for Tax

Confirm Issue

In case of stock transfer from one location to another, GST will be applied during the stock issue, which in turn will be considered as 'sale of goods'. Tax will be auto inherited based on the Sale Tax Rules for the stock transfers in the **Manage Tax For Inventory Transactions** activity of the **Stock Maintenance** business component.

Example: On confirmation of issue, the system posts the following:

Debit Stock-In Transit	10,000 [Existing Functionality]
Credit Inventory	10,000 [Existing Functionality]

Assuming Tax rate @ 18%

Debit GST-ST-SIT	1,800 (Auto Post Account Type)
Credit Output Tax	1,800 (TCD Account Code)



Note: If the transferred part is 'Capital', then only TCD postings will happen.

Amendment

After confirmation of issue document for Reference Document Type # Stock Transfer Issue, user can modify the taxable amount in **Manage Tax For Inventory Transactions** screen.

Therefore, on click of the 'Confirm' pushbutton, the system posts an entry for the 'Tax Amount' based on the modified taxable amount.

In the above example, if the user modifies the taxable amount from 10,000 to 9000 and GST is 18%, then the system posts the following adjustment entry.

Dr. Output Tax	180	[(10,000 - 9000) * 18%]
Cr. GST-ST-SIT	180	

Confirm Receipt

In case of stock transfer from one location to another, GST will be applied during stock receipt which in turn will be considered as 'purchase of goods'. Tax shall be auto inherited based on the Purchase Tax Rules for the stock transfers in the **Manage Tax for Inventory Transactions** activity of the **Stock Maintenance** business component.

Example: On confirmation of receipt, the system posts the following:

Debit Inventory	10,000 [Existing Functionality]
Credit Stock-In Transit	10,000 [Existing Functionality]

Debit Input Tax	1,800 (TCD Account Code)
Credit GST-ST-SIT	1,800 (New Auto Post Account Type)



Note: If the transferred part is 'Capital', then only TCD postings will happen.

Amendment

Accounting for Tax is triggered during modification of taxable amount for reference document type Stock Transfer Receipt as follows:



Note: All the modifications in the taxable amount for reference document type Stock Transfer Receipt shall post to GST Expense (Pre-defined Usage)

During Stock Receipt

Debit Inventory	10,000
Credit Stock-In-Transit	10,000
Dr. Input Tax	1,800 [10,000*18%] [TCD Account Code]

Cr. GST-ST-SIT	1,800
----------------	-------

Modified Taxable amount from 10,000 to 8,000

Debit GST Expense	360 [2000*18%] [Pre-defined Usage]
Cr. Input Tax	360

Value Wt. Avg. parts based on Last Wt. Avg. rate when stock is not available

Reference: AHBG-12169

Background

Currently, parts are valued based on the acquisition cost, valuation method or standard cost depending upon the transaction, valuation options and valuation method. For a Weighted Average Part if the Wt. Avg. tier does not have a rate, then system picks up the Standard Cost of the part from Part Master for valuation. However, from a business stand point, picking up the Standard Cost inflates the inventory heavily because the last Wt. Avg. Rate for with which the part is transacted could be much lesser than the Standard Cost. Business need is to value Wt. Avg. Parts based on the last Wt. Avg. Rate instead of Standard Cost if the Part is not in Stock.

Change Details

A new set option is added under the Category 'Stock Maintenance' in the **Set Inventory Process Parameters** activity of the **Logistics Common Master** business component, to facilitate valuation of weighted average parts based on the last weighted average rate instead of Standard Cost.

- 'Value Weighted Average Parts based on the last Wt. Avg. Rate when the Part is not available in stock' can be set as:
 - Allowed -. If the Weighted Avg. Part is moves into the stock (through +ve Stock Correction, Unplanned Receipt, Core Return of On-Phase Out Part, Exchange PO based Receipt) and if the Wt. Avg. tier does not have a rate, then system considers the Last Weighted Avg. Rate available in the Wt. Avg. tier for the Part – Stock Status combination.
 - Not Allowed – If the Weighted Avg. Part is moved into the stock (through +ve Stock Correction, Unplanned Receipt, Core Return of On-Phase Out Part, Exchange PO based Receipt) and if the Wt. Avg. tier does not have a rate, then system picks up the Standard Cost of the part from Part Master.
Note: If there are no records in the Wt. Avg. Tier (even without rate, i.e. the part is not transacted earlier) then system can take the Standard Cost of the Part, irrespective of option setting.

When the Weighted Avg. Parts are moved out of the stock (i.e. Quantity is reduced in the stock) through -ve Stock Correction, Issue, Stock Status Conversion, Part Serial Change and there are no further stock available for the Part – Stock status combination in Weighted Avg. tier, then system should consider Last Issued value per unit and update it as Last Weighted Avg Rate.

Exhibit 1: Identifies the option setting under the Category 'Stock Maintenance' in **Set Inventory Process Parameters** screen

The screenshot shows the 'Set Inventory Process Parameters' interface. At the top, there is a search criteria section with a date format of 'dd/mm/yyyy' and a search results section with a category dropdown set to 'Stock Maintenance'. Below this is a table with the following data:

#	Category	Parameter	Permitted Value	Value	Status	Error Mess
1	Stock Maintenance	Inventory Valuation for Customer stock	Enter '0' for 'No', '1' for 'Yes'	1	Defined	
2	Stock Maintenance	Inventory Valuation for Supplier Stock	Enter '0' for 'No'	0	Defined	
3	Stock Maintenance	Value Weighted Average Parts based on the last Wt. Avg. Rate when the Part is not available in	Enter '0' for 'Not Allowed', '1' for 'Allowed'	0	Defined	
4						

A red rectangular box highlights the third row of the table. A yellow callout box with a black border points to this row and contains the text: "New parameter added under the Category 'Stock Maintenance'". At the bottom of the screen, there is a "Set Parameters" button.

Ability to display Mfr. Lot # along with Internal Lot # for traceability in transactions and reports

Reference: AHBG-11282

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 a 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 Preferred Serial / Lot Information (Material Request)
- View Preferred Serial / Lot Information (Material Request)
- View Serial #/Lot # Details (View Inter warehouse Stock Transfer)
- View Serial #/Lot # Details (View Intra warehouse Stock Transfer)
- Edit Storage Information (Edit Issue)
- View Zone/Bin & Serial/Lot # Information (View Issue)
- Record Stock Transfer Receipt
- View Serial & Lot Details (View Stock Transfer Receipt)
- View Serial & Lot Details (View Unplanned Receipt)
- Inquire Part Certificate History
- Compute Inventory Revaluation
- Manage Exchange Order (Exchange Part Info)
- Create Unplanned Return (Editable control)
- Edit Unplanned Return (Editable control)
- View Shelf Life Renewal History (Editable control)

Exhibit 1: Identifies the display of Manufacturer Lot # in **Edit Preferred Serial / Lot Information** screen

Edit Preferred Serial / Lot Information

Material Request Details
 Material Request # MR-000188-2012 MR Type Unplanned Status Draft
 Warehouse # WH-TESTING Warehouse Description Warehouse EZE Testing MR Class General

Part Details
 Line # 4 Get Details Part # 00-200-1483:K0654 Part Description LOCKWASHER WASHER
 Mfr. Part # 00-200-1483 Part Control Type Lot Controlled Preferred Condition
 Required Qty. 1.00 Req. UOM EA Stock Status Aveos Owned

Preferred Serial / Lot Details

#	Seq #	Serial #	Lot #	Manufacturer Lot #	Component #	Available in Warehouse	Qty.	Expiry Date	Condition
1			LOT-001008-2012	LOT-9-K-9-MUI			1.00		New
2									

Buttons: Edit Serial / Lot Information, View Consumption & Range Parameters, View Part Certificate History, Edit Stock Issue, Confirm Stock Issue

Exhibit 2: Identifies the addition of Manufacturer Lot # in **Edit Storage Information** screen

Edit Storage Information

Issue Information
 Issue # MIS-000039-2011 Status Fresh Warehouse # YULF5101
 Description Ban FSL Location

Line # Details
 Line # 1 Get Details Part # 2N2222:35895 Part Description NPN MED GEN AMP TRANSISTOR
 Total Issue Qty 10.00 Transaction UOM ea Stock UOM EA
 Stock Status Aveos Owned Preferred Condition Requirement Type Normal
 Part Control Type None Controlled Part Type Consumable

Storage Information

#	WH - Zone #	Bin #	Serial #	Lot #	Manufacturer Lot #	Issue Part Condition	Qty.	Available Qty	Expiry Date	Trading Partner Type
1	TECH	00A01A3			LOT-9-K-9-MUI		10.00	968.00		
2										

Buttons: Edit Storage Information, Convert Issue Status to Fresh, Inquire Stock Availability, Confirm Issue, Confirm Direct / Unplanned Issue

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