RAMCO AVIATION SOLUTION

ENHANCEMENT NOTIFICATION

Version 5.8.2

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:

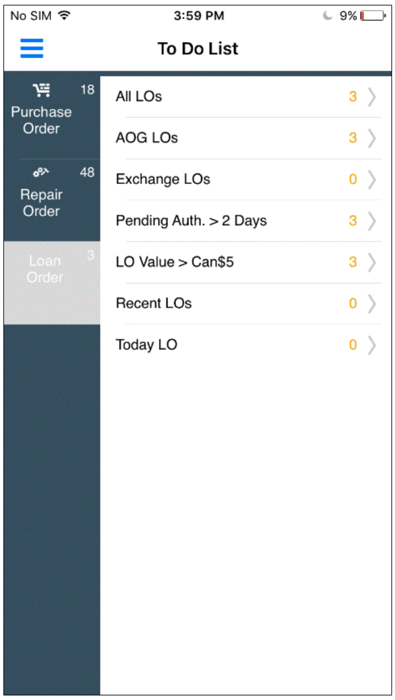
To Do List screen categorizes the Loan Order to be authorized by the login user into different pre-defined categories. Also, any document that is pending for approval can be verified in the filter categories defined by the user in the Custom Filters and act upon them.

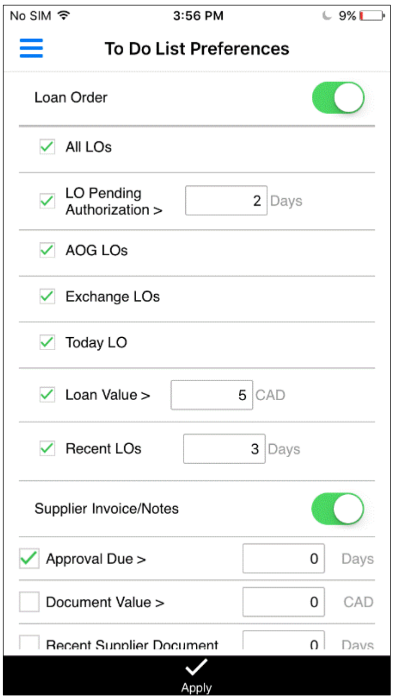
For **Loan Orders**, the documents pending for approval by the login user is categorized as follows:

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

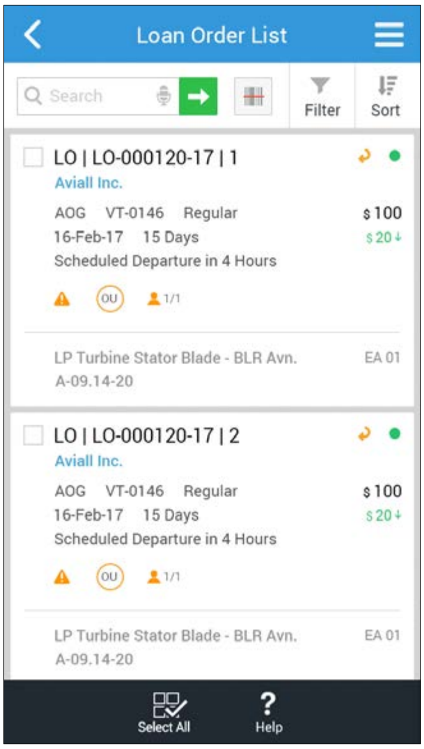
d) Approvers List

3. Bottom Bar Actions

a) Authorize

b) Return

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



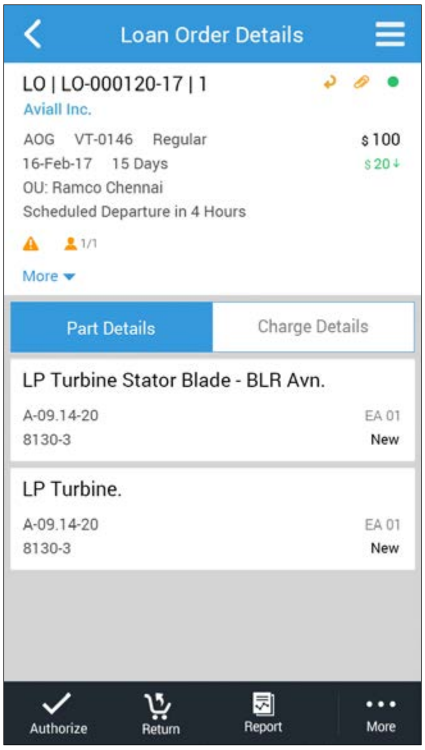
Loan Order Details – Part Details

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



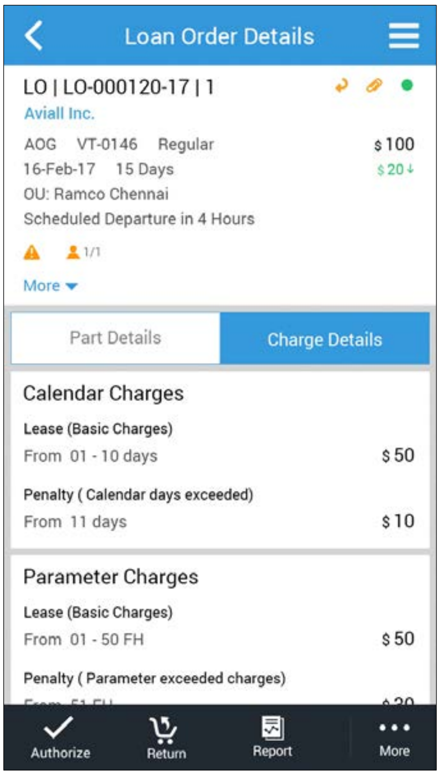
Loan Order Details – Charge Details

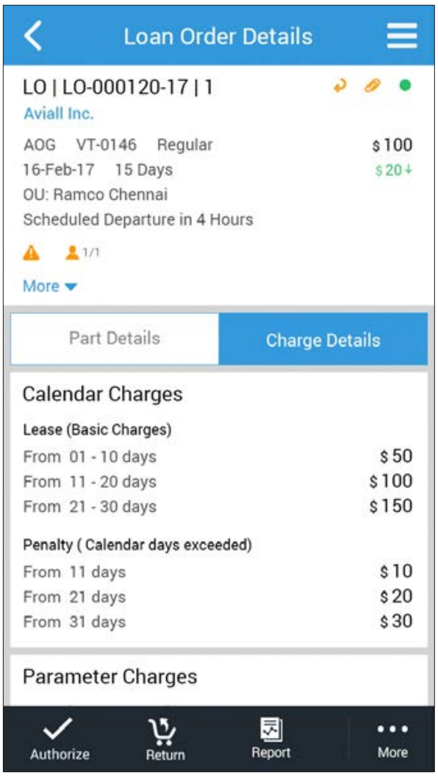
The information displayed in the Charge Details section are:

- 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.

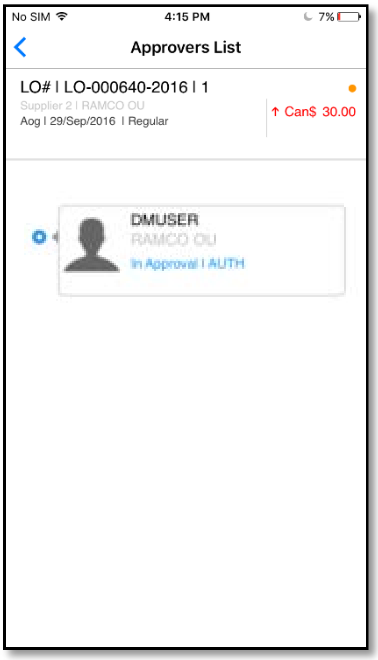
Approvers List

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?

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

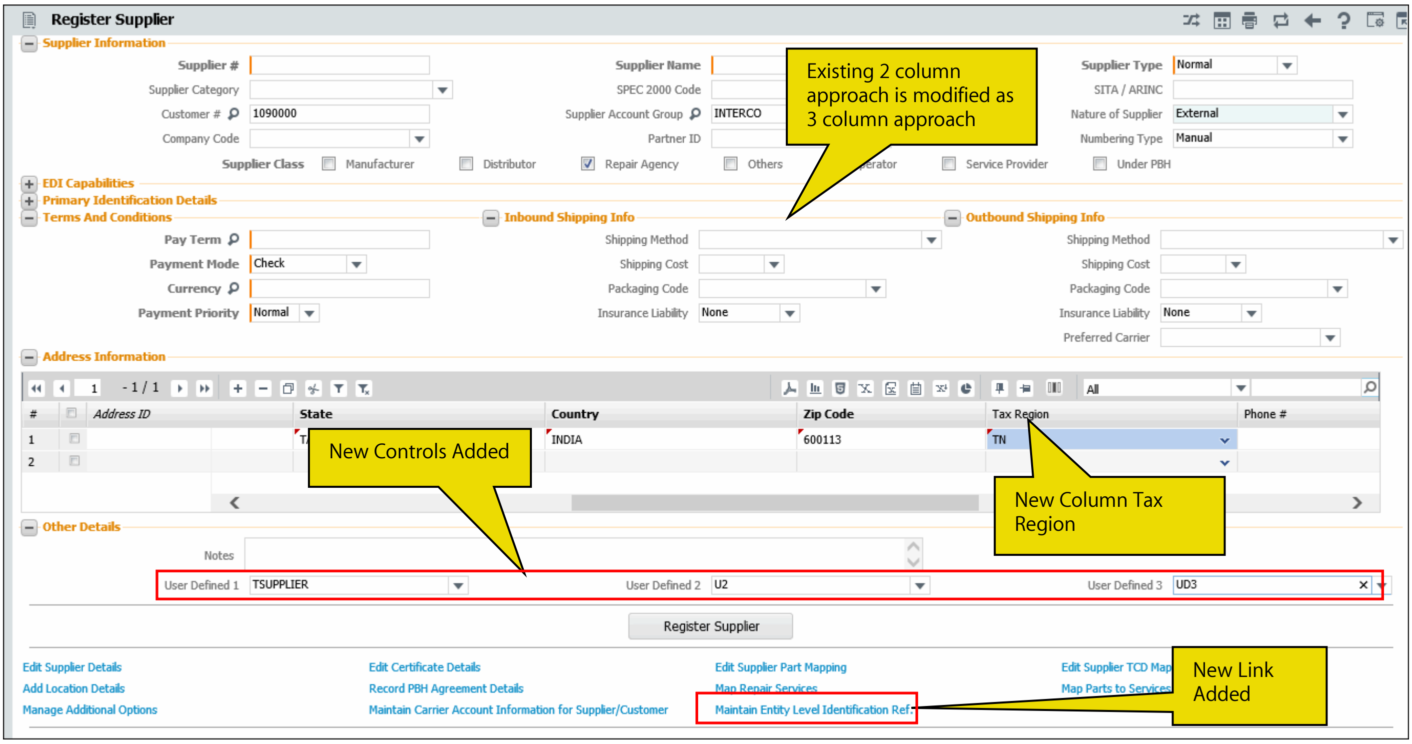
Change Details

<u>Supplier:</u>

1. **Register Supplier Screen**

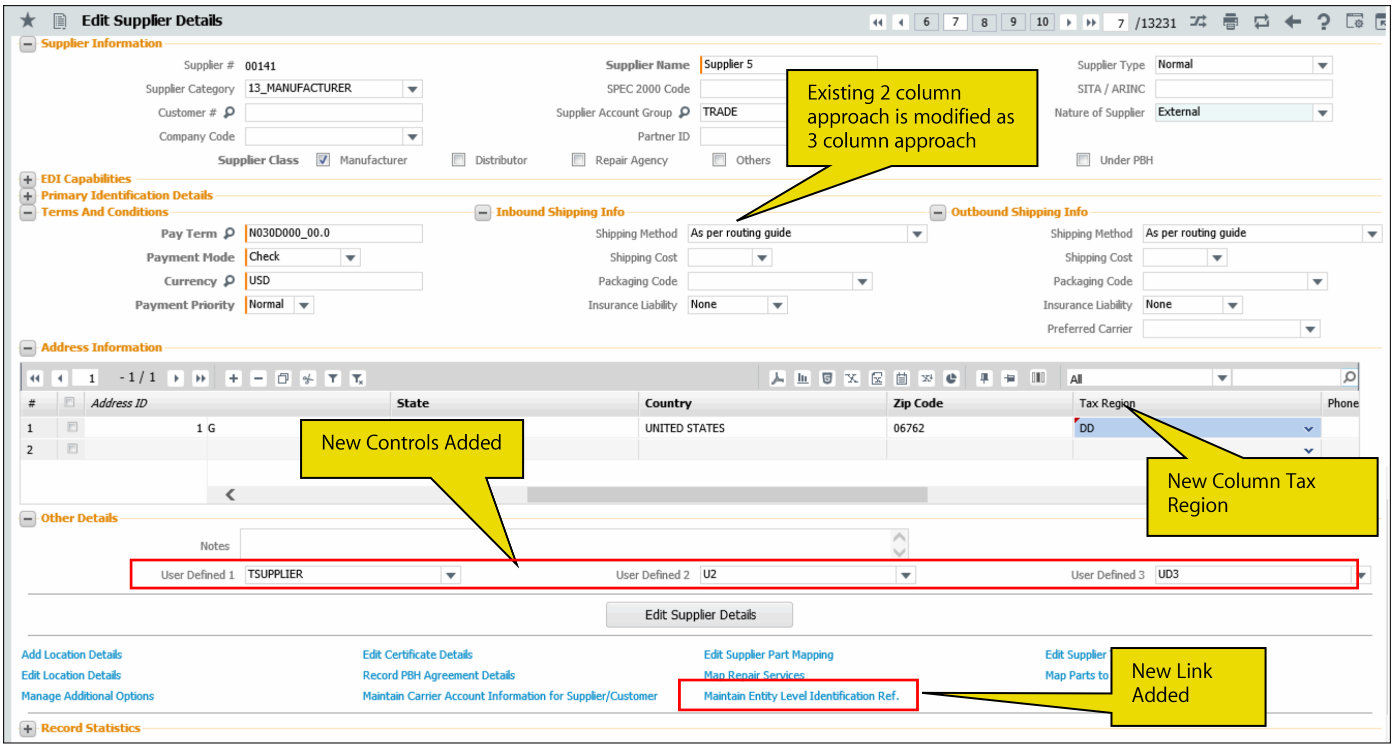
- New Combo Control Column 'Tax Region' is added in 'Address Information' multiline.
- New Combo controls 'User Defined 1', 'User Defined 2', 'User Defined 3' are added in Other Details Section
- New link 'Maintain Entity Level Identification Ref.' is added in links section.

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



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.

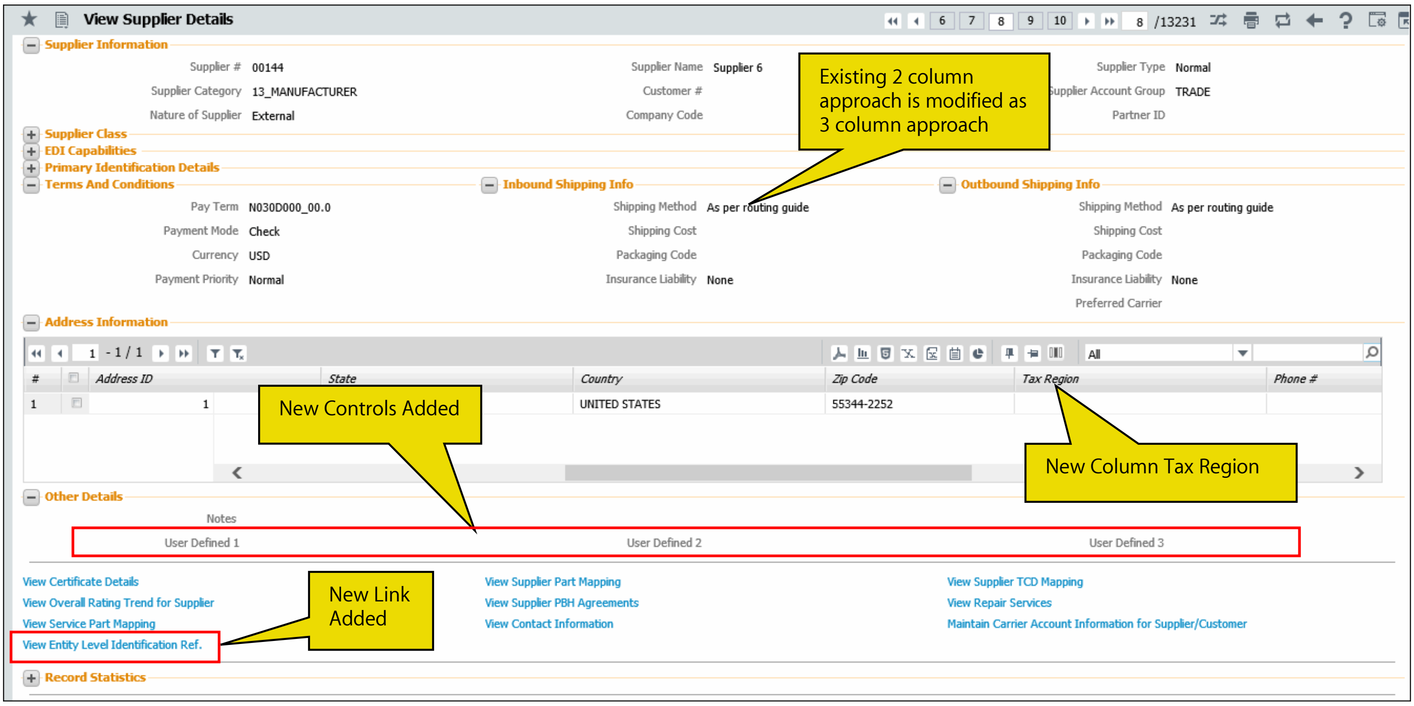
Exhibit 2: Identifies new controls added in **Edit Supplier Details** screen in **Supplier** business component



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.

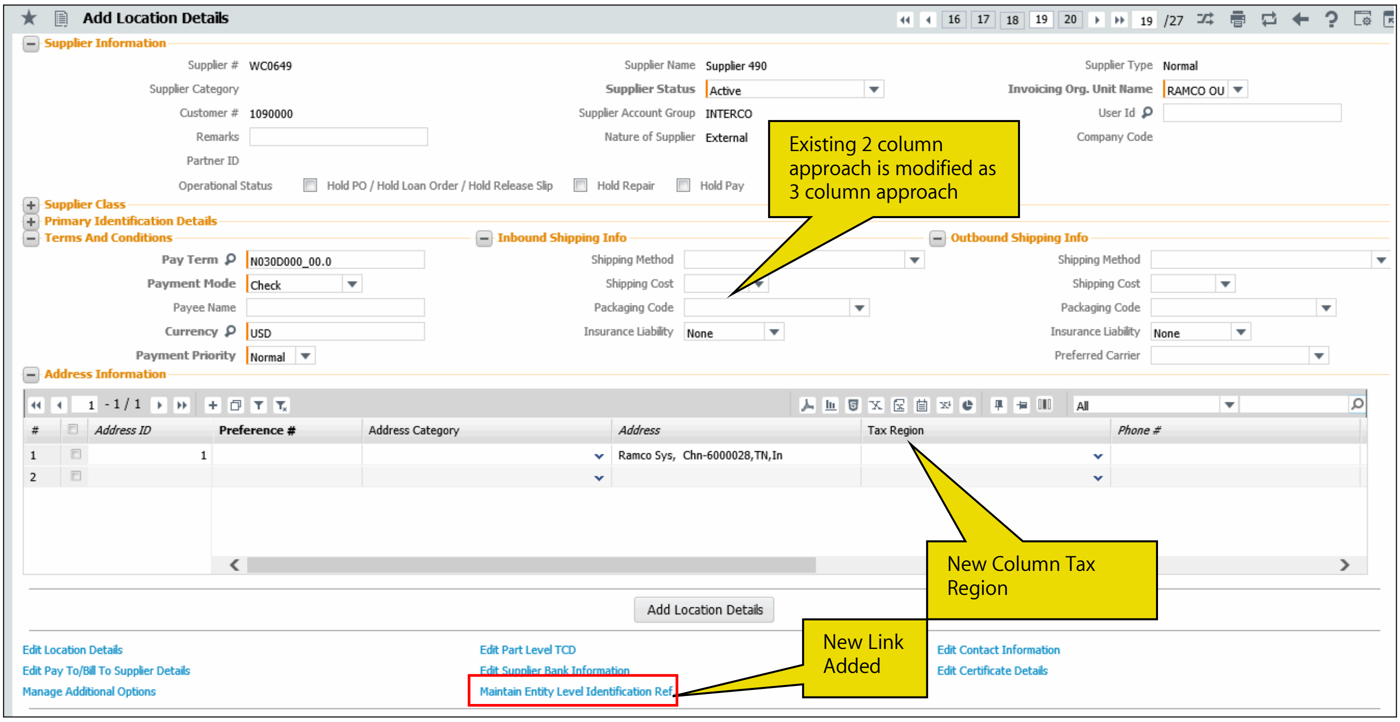
Exhibit 3: Identifies new controls added in **View Supplier Details** screen in **Supplier** business component



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.

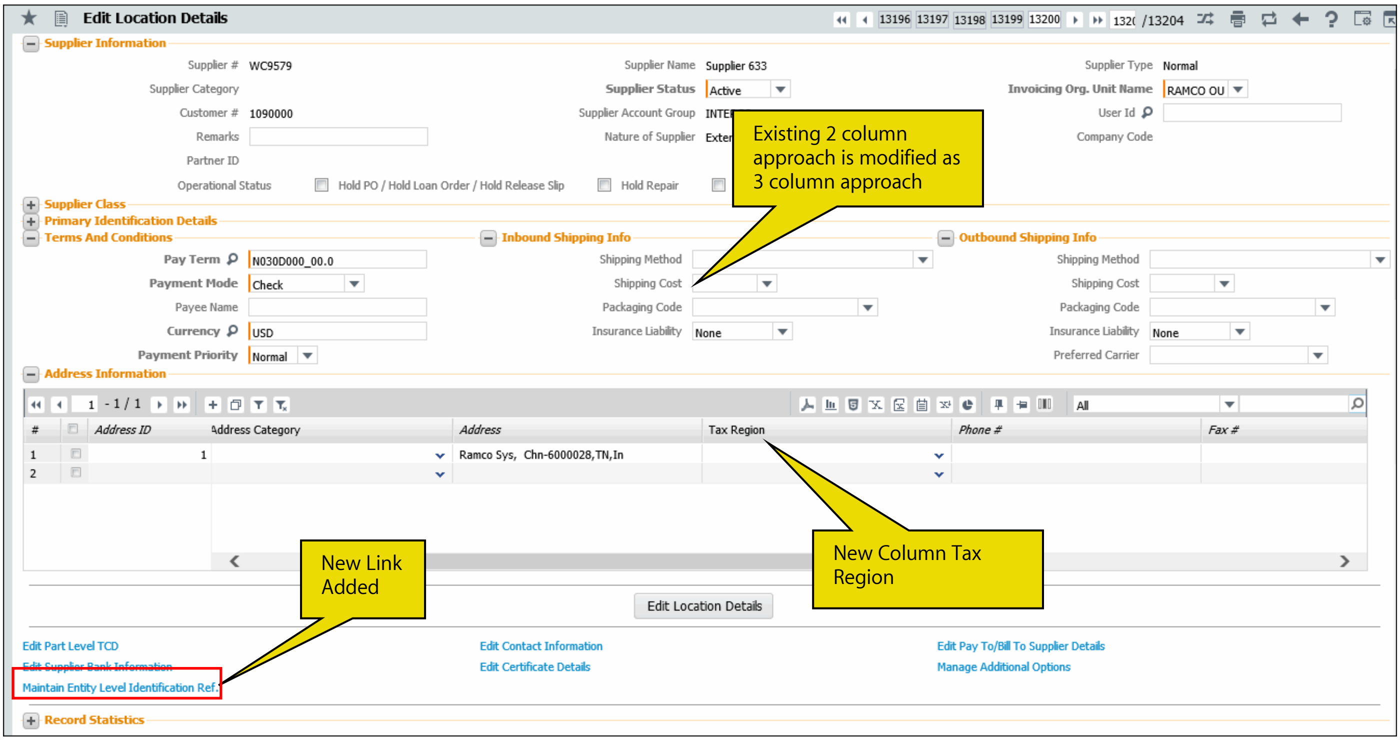
Exhibit 4: Identifies new controls added in **Add Location Details** screen in **Supplier** business component



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.

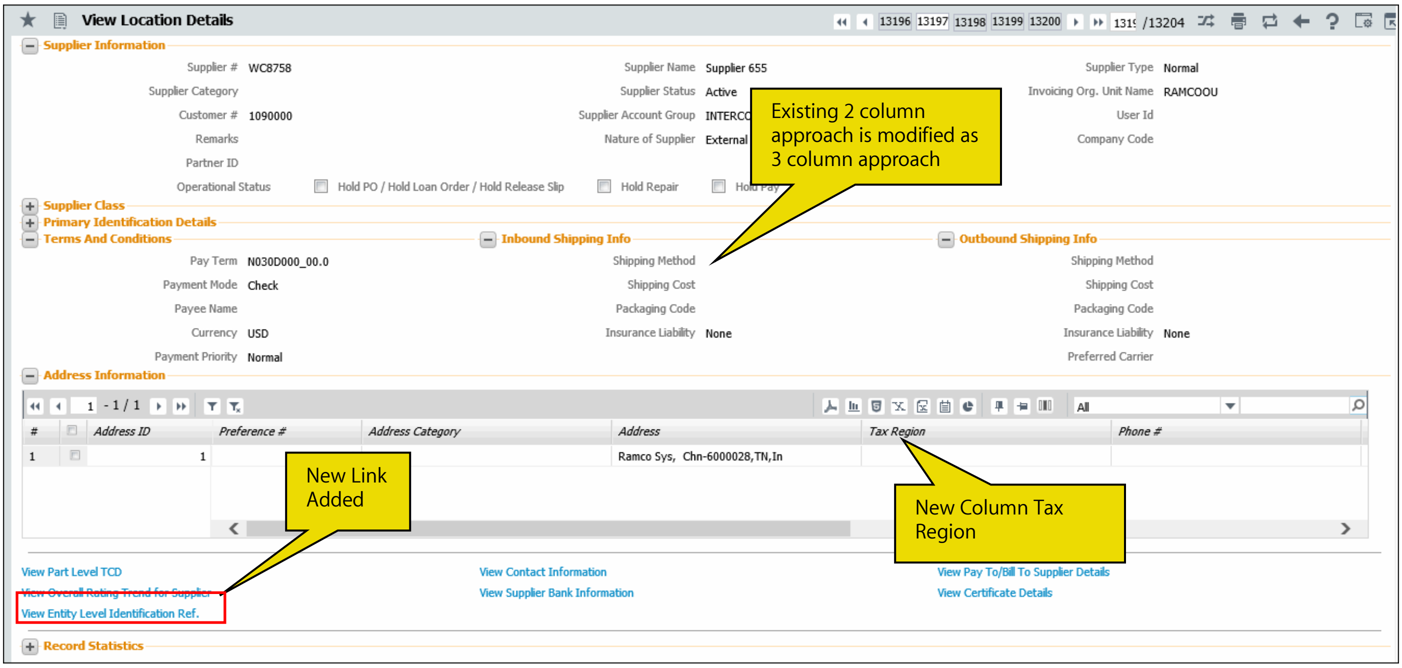
Exhibit 5: Identifies new controls added in **Edit Location Details** screen in **Supplier** business component



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

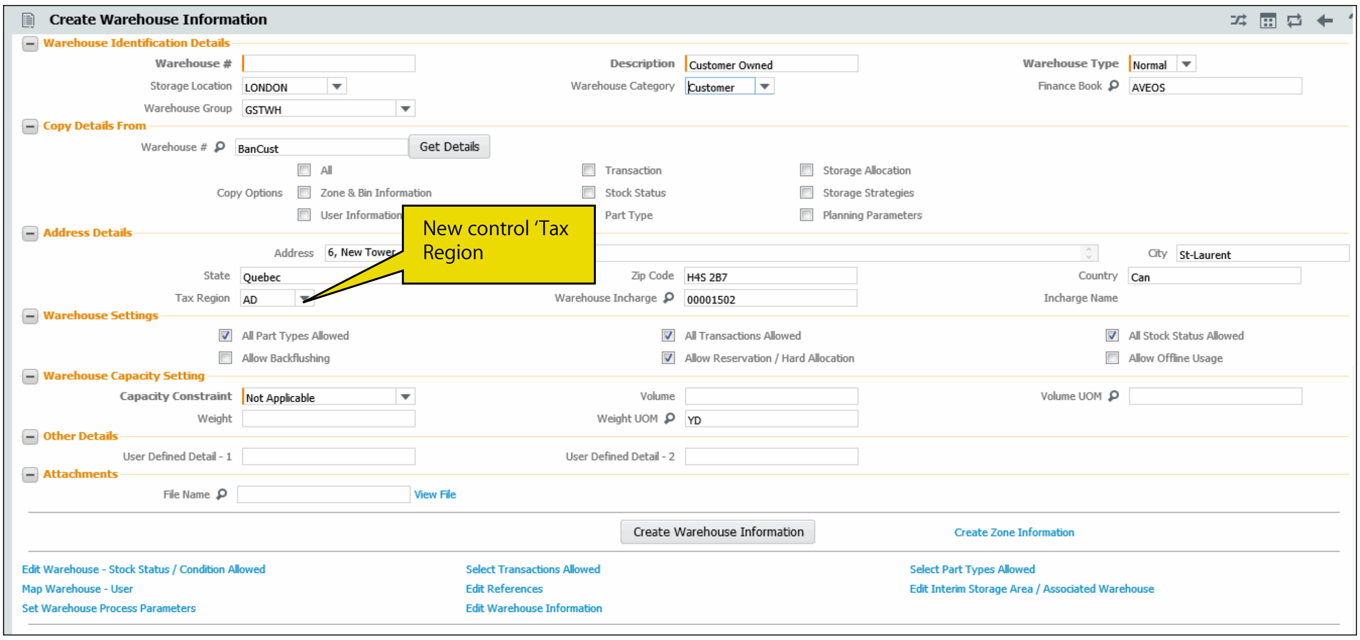


Warehouse:

1. Create Warehouse Information screen:

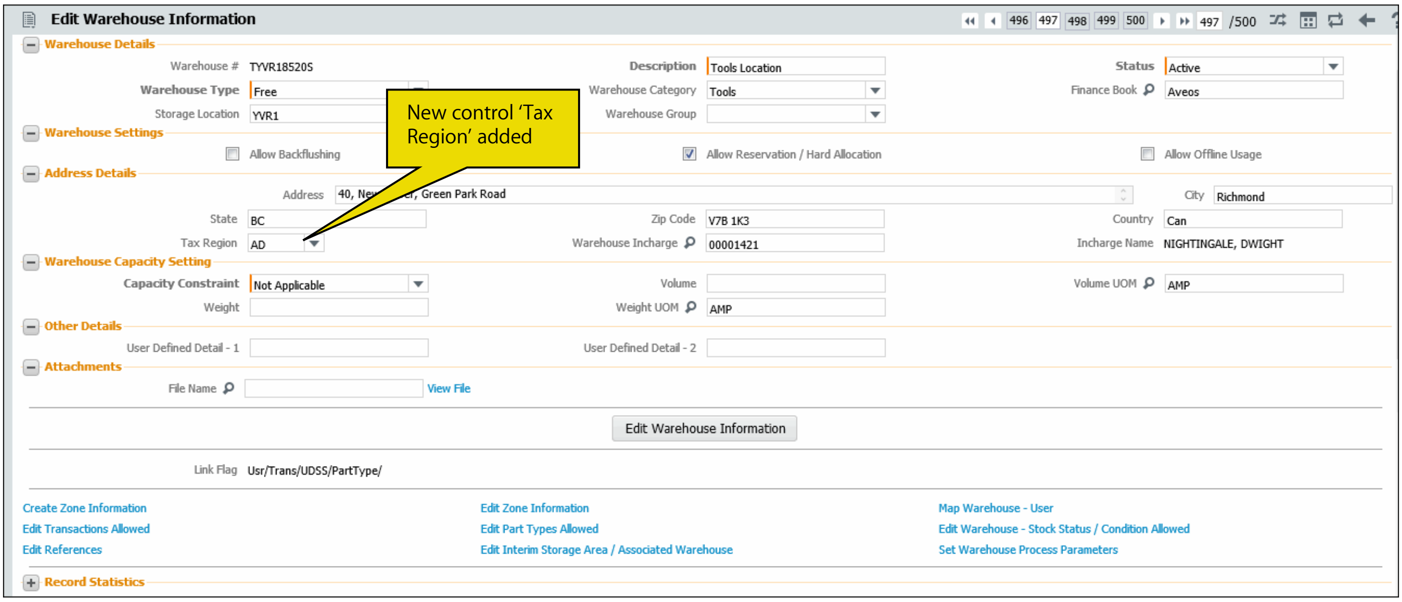
- A new combo control 'Tax Region' has been added under Address Details Section

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



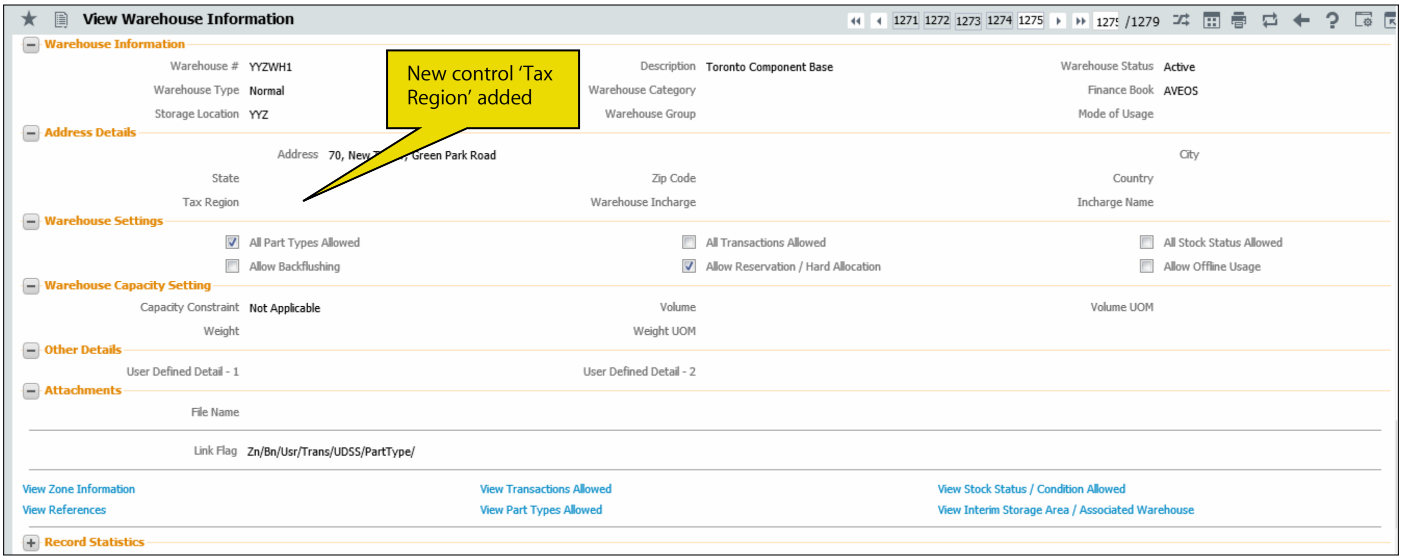
2. **Edit Warehouse Information** screen**:**
   - A new combo control 'Tax Region' has been added under 'Address Details' section

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

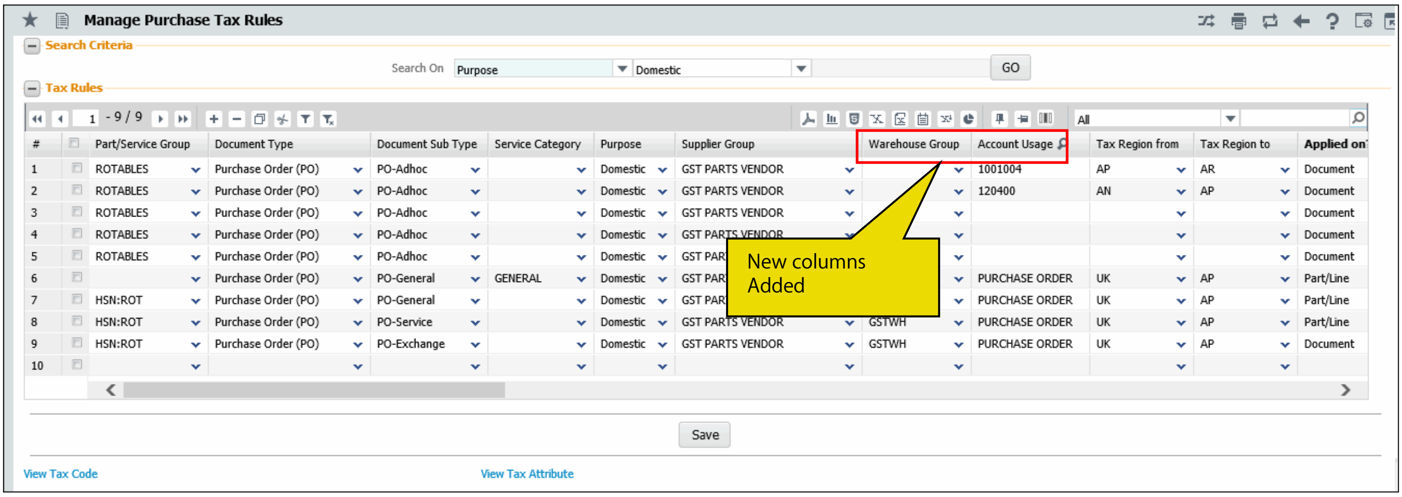


Manage Purchase Tax Rules

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 PAR					Document
6		Purchase Order (PO)	PO-General	GENERAL	Domestic	GST PAR		PURCHASE ORDER	UK	AP	Part/Line
7	HSN:ROT	Purchase Order (PO)	PO-General		Domestic	GST PAR		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.

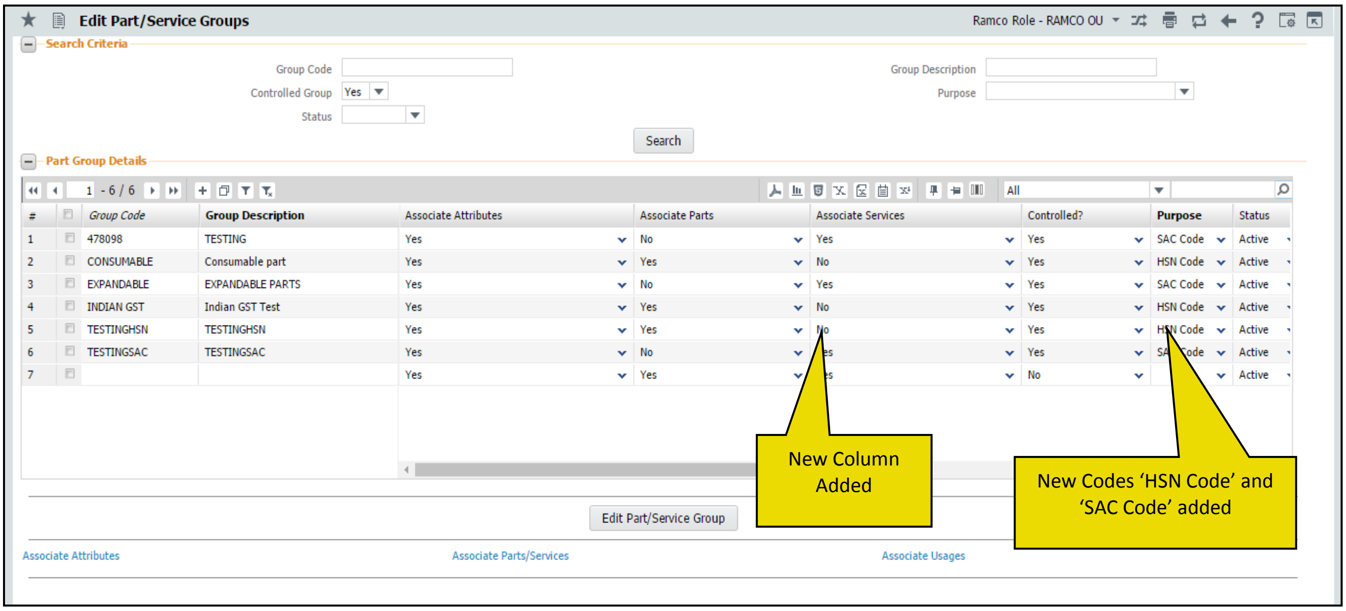
Part Administration

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

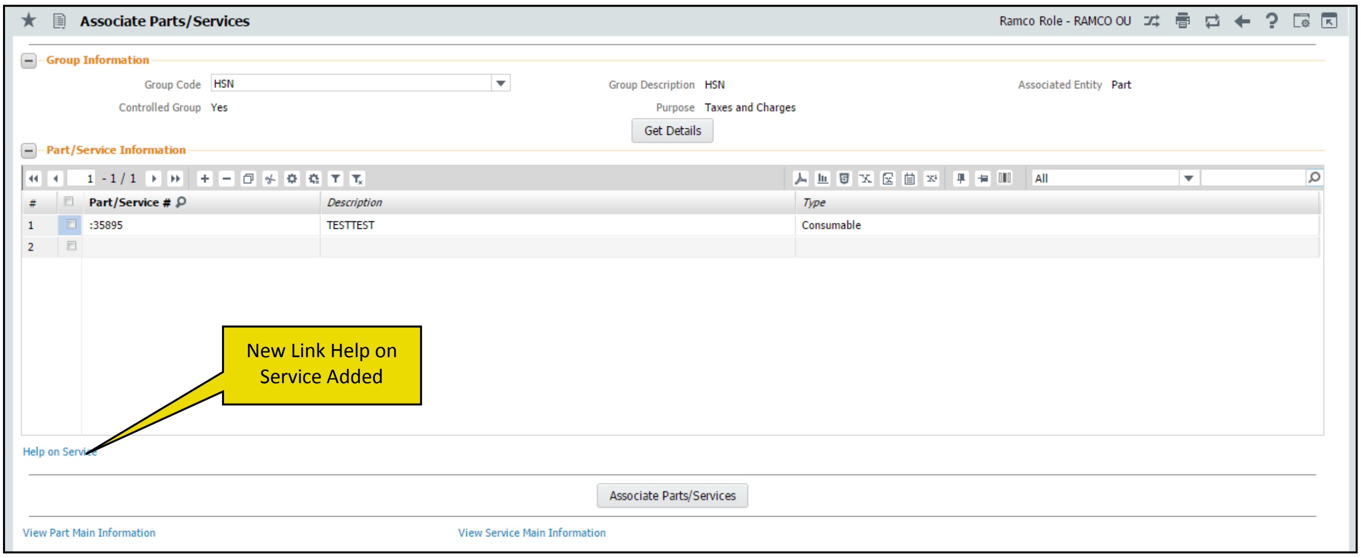
Exhibit 11: Identifies the **Edit Part / Service** screen in **Part Administration** business component



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

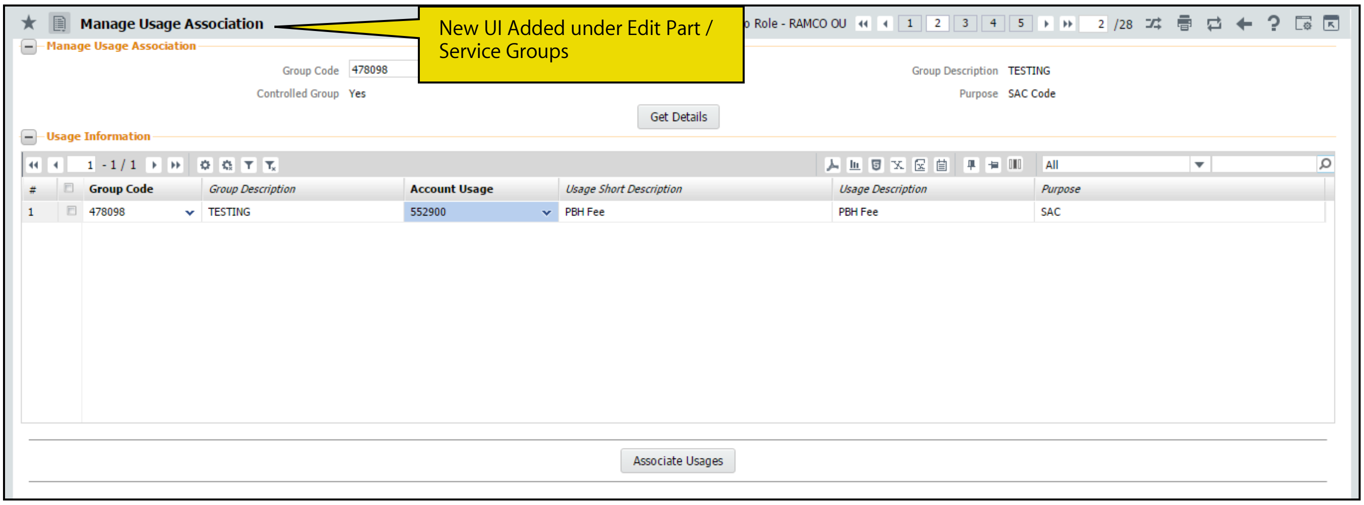
Exhibit 12: Identifies the **Associate Parts / Services** screen in **Part Administration** business component



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.

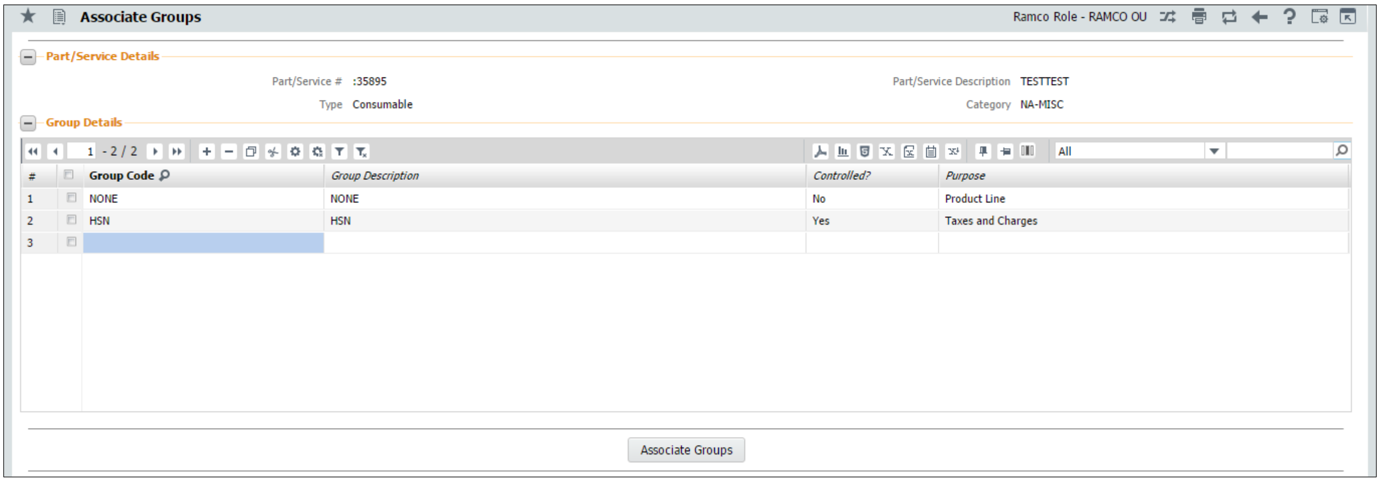
Exhibit 13: Identifies the new screen **Manage Usage Association** in **Part Administration** business component



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'

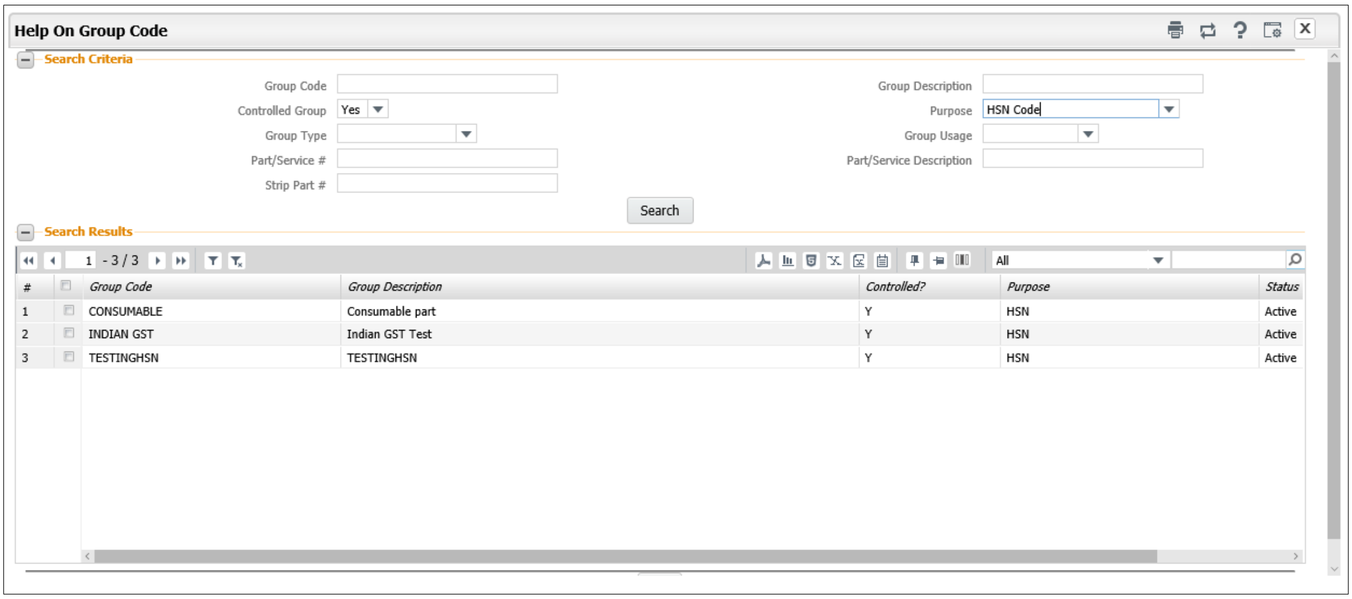
Exhibit 14: Identifies the **Associate Groups** screen



5. **Help On Group Code:**

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

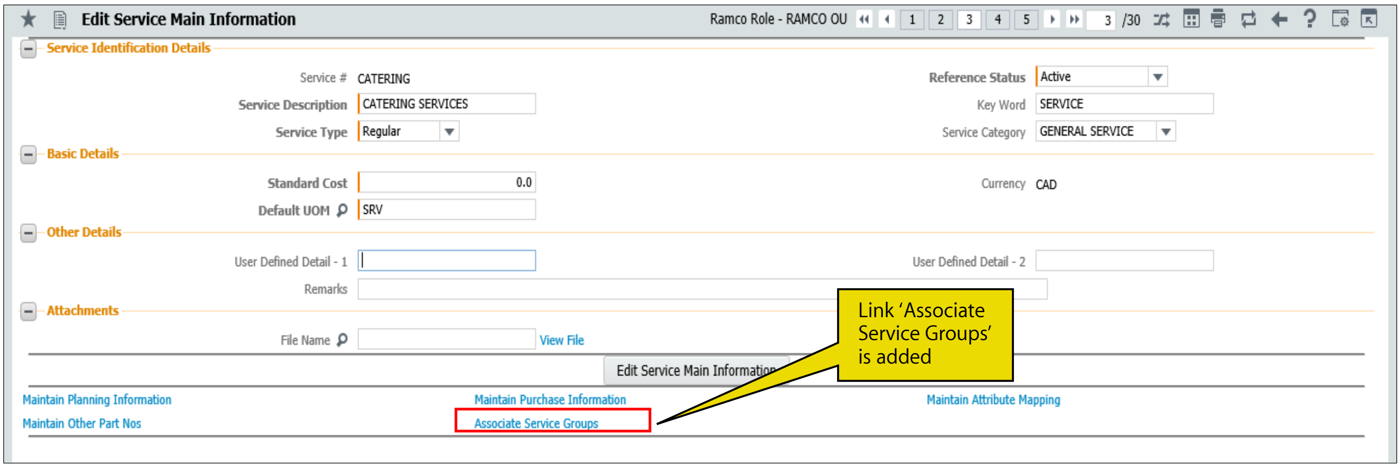
Exhibit 15: Identifies the **Help On Group Code** screen



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

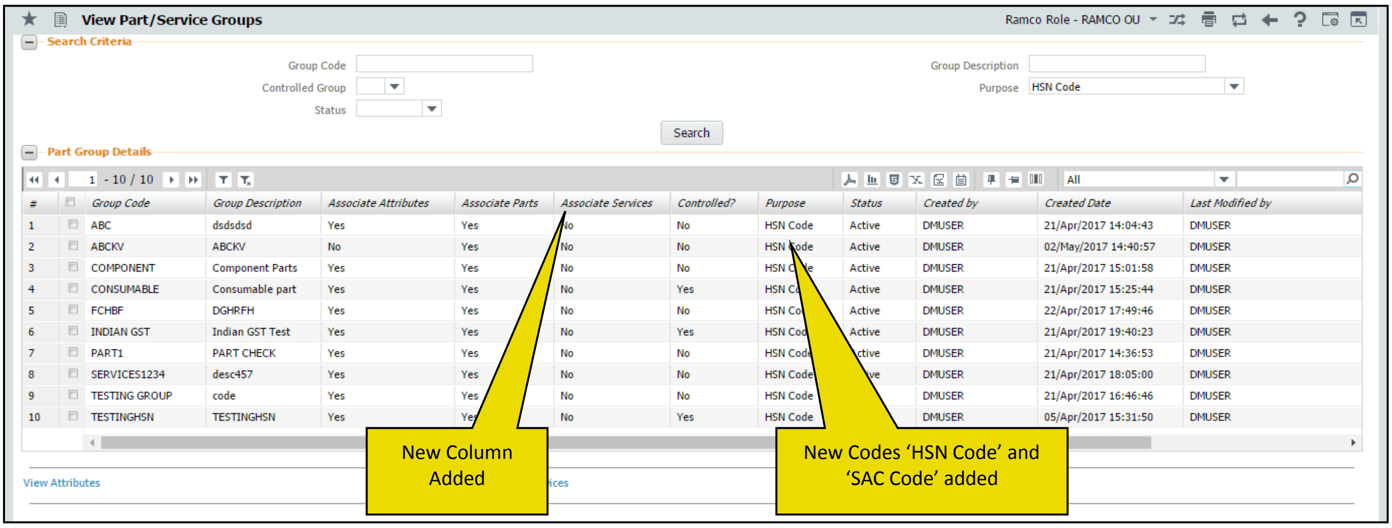
Exhibit 16: Identifies the **Edit Service Main Information** screen



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

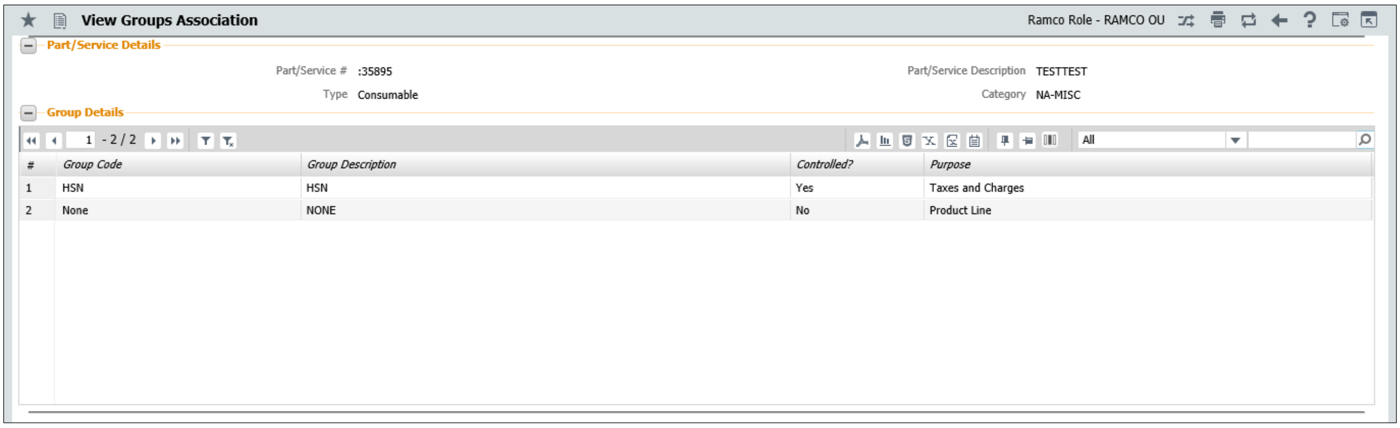


#	Group Code	Group Description	Associate Attributes	Associate Parts	Associate Services	Controlled?	Purpose	Status	Created by	Created Date	Last Modified by
1	ABC	dsdsdsd	Yes	Yes	No	No	HSN Code	Active	DMUSER	21/Apr/2017 14:04:43	DMUSER
2	ABCKV	ABCKV	No	Yes	No	No	HSN Code	Active	DMUSER	02/May/2017 14:40:57	DMUSER
3	COMPONENT	Component Parts	Yes	Yes	No	No	HSN C[illegible]e	Active	DMUSER	21/Apr/2017 15:01:58	DMUSER
4	CONSUMABLE	Consumable part	Yes	Yes	No	Yes	HSN C[illegible]	Active	DMUSER	21/Apr/2017 15:25:44	DMUSER
5	FCHBF	DGHRFH	Yes	Yes	No	No	HSN Co[illegible]	Active	DMUSER	22/Apr/2017 17:49:46	DMUSER
6	INDIAN GST	Indian GST Test	Yes	Yes	No	Yes	HSN Cod[illegible]	Active	DMUSER	21/Apr/2017 19:40:23	DMUSER
7	PART1	PART CHECK	Yes	Yes	No	No	HSN Code	[illegible]ctive	DMUSER	21/Apr/2017 14:36:53	DMUSER
8	SERVICES1234	desc457	Yes	Yes	No	No	HSN Code	[illegible]ive	DMUSER	21/Apr/2017 18:05:00	DMUSER
9	TESTING GROUP	code	Yes	Yes	No	No	HSN Code	[illegible]	DMUSER	21/Apr/2017 16:46:46	DMUSER
10	TESTINGHSN	TESTINGHSN	Yes	Ye[illegible]	No	Yes	HSN Code	[illegible]	DMUSER	05/Apr/2017 15:31:50	DMUSER

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

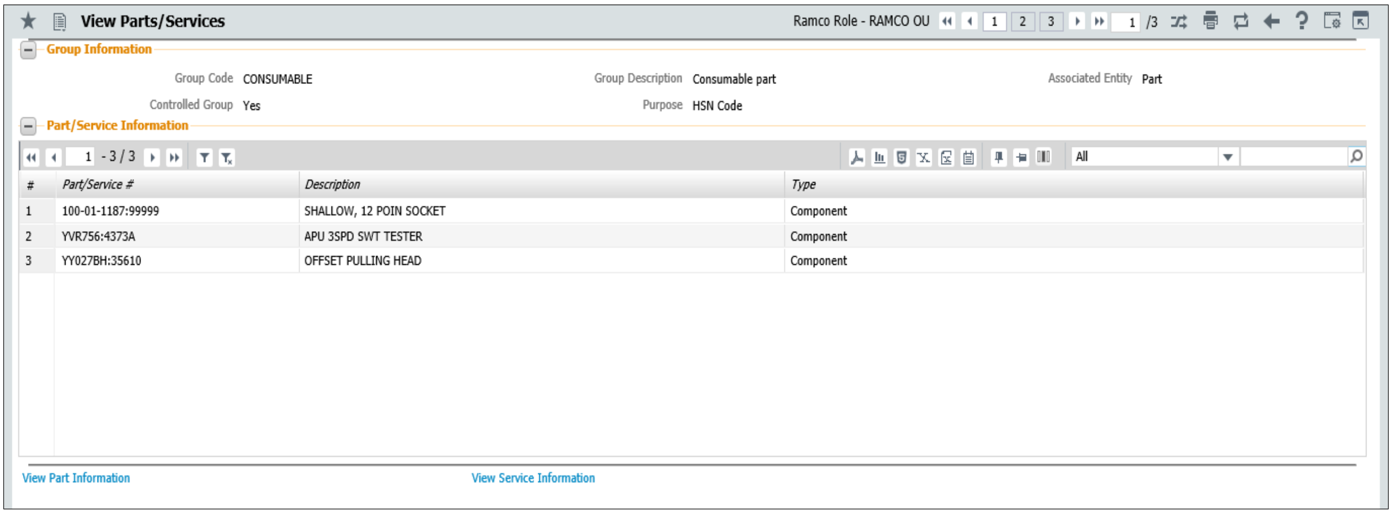


#	Group Code	Group Description	Controlled?	Purpose
1	HSN	HSN	Yes	Taxes and Charges
2	None	NONE	No	Product Line

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



WHAT'S NEW IN STOCK MANAGEMENT?

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 valuate 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

<u>Logistics Common Master</u>

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.

<u>User Defined Stock Status</u>

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.

<u>Customer</u>

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

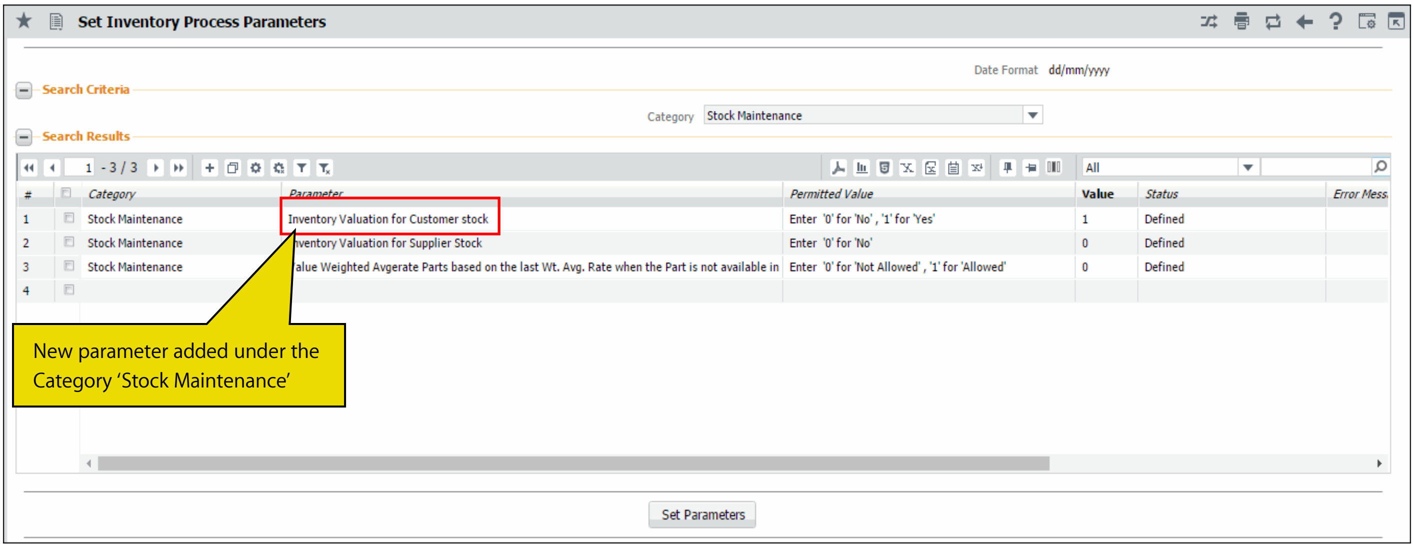


Exhibit 2: Identifies the option setting added in **User Defined Stock Status** business component

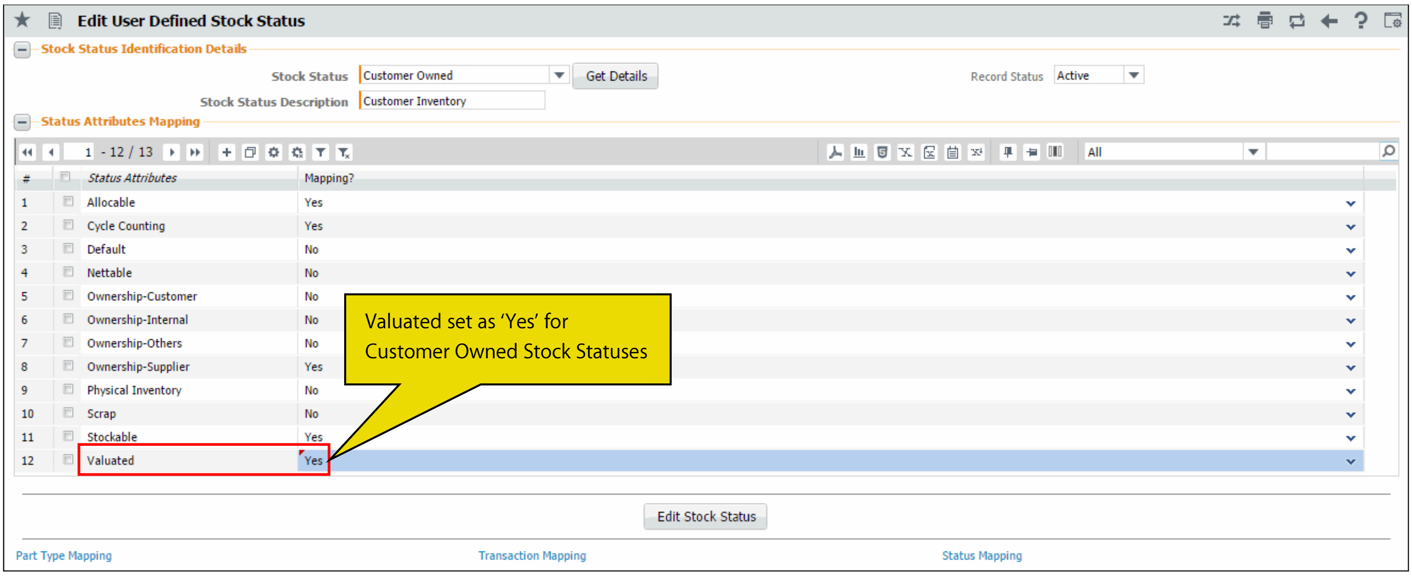
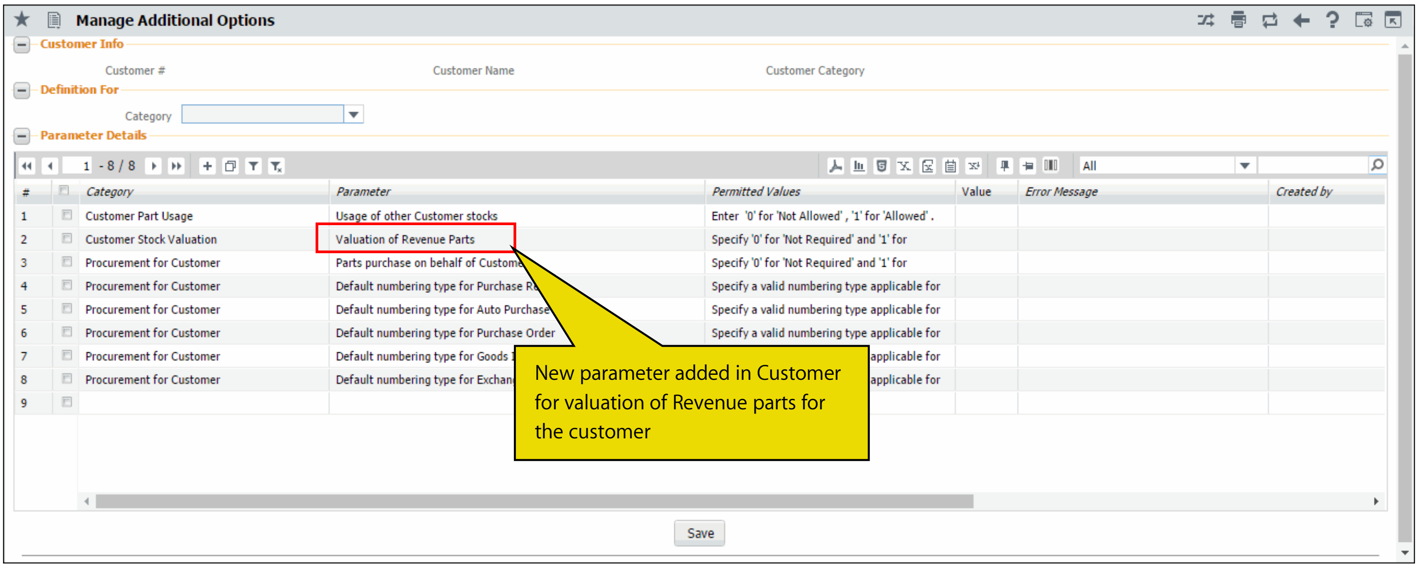


Exhibit 3: Identifies the option setting added in **Manage Additional Options** screen in **Customer** business component



Transaction Wise Customer Stock Valuation

__**Unplanned Receipt**__:

The customer stocks brought into inventory via unplanned receipt will be valuated 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 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 valuated 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 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 valuated 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 valuated, provided the expensing policy of the part is other than ‘On Receipt’.

Tools Return:

The customer stocks brought into inventory will be valuated 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 valuated, provided the expensing policy of the part is other than ‘On First Issue’.

Kit Return:

The customer stocks will be valuated 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 valuated, provided the expensing policy of the part is other than ‘On First Issue’.

Stock Issues:

The customer stocks will be valuated 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 valuated 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 valuated 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 valuated, 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 valuate 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:
  - o Optional – Coverage of Customer PRs on behalf of Customer PO can be made optional.
  - o 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:
  - o Required – Indicates that sourcing of customer demands is through On behalf Purchases
  - o Not Required – On behalf purchase is not applicable.

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

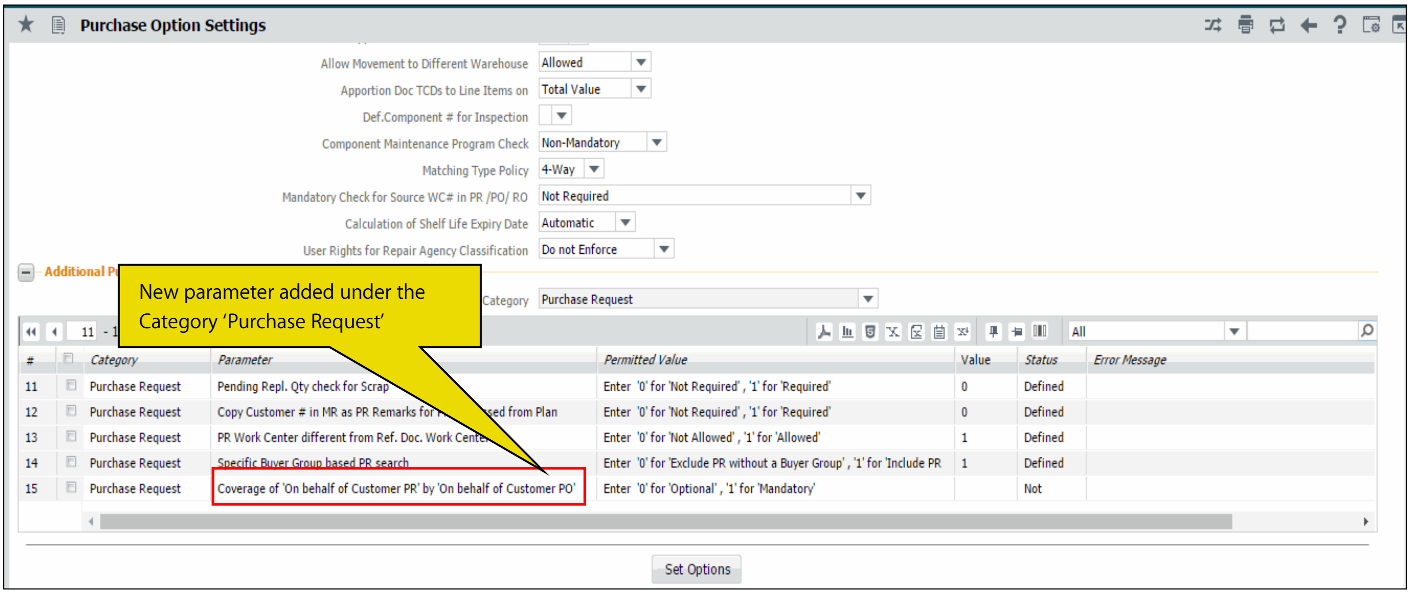


Exhibit 2: Identifies the option setting in **Manage Additional Options screen** in **Customer** business component

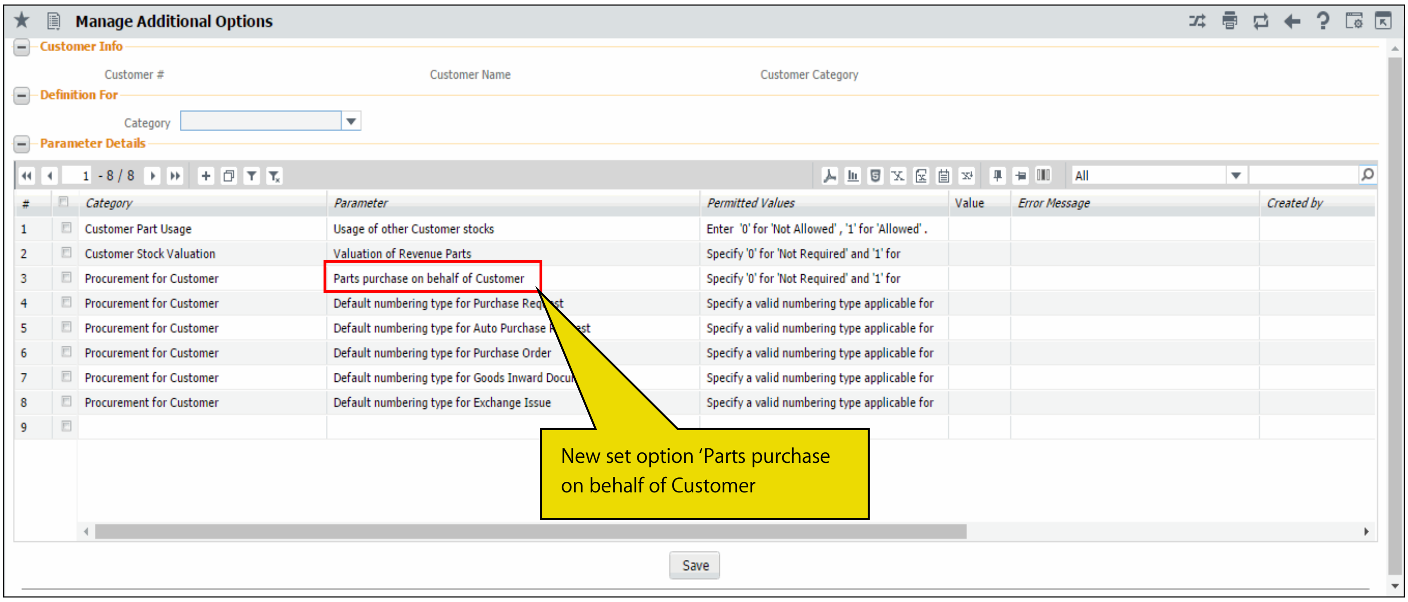
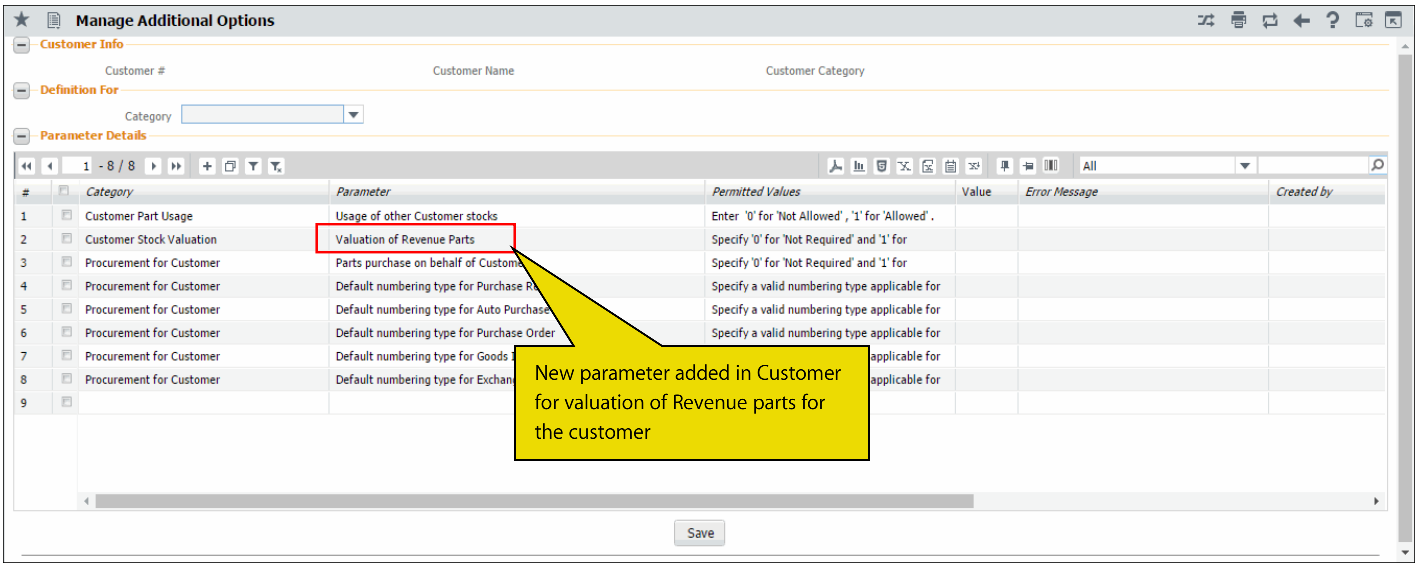


Exhibit 3: Identifies the option setting added in **Manage Additional Options** screen in **Customer** business component



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- ***COST*** 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- ***COST*** Invoice Level TCD (Expense Off)	Dr. TCD Account Cr. Supplier Control Account
Yes	Supplier Invoice	Save & Authorize / Match Invoice ***COST*** Exchange Rate Variance (Gain)	Dr. Supplier Control Account Cr. Customer Pending Billback
No	Supplier Invoice	Save & Authorize / Match Invoice- ***COST*** 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- ***COST*** Invoice Level TCD	Dr. TCD Account Cr. Supplier Control Account
No	Supplier Invoice	Save & Authorize / Match Invoice ***COST*** 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 4: **Edit Customer Main Information** screen for capturing the Destination (Group) Company in the books of Source Company

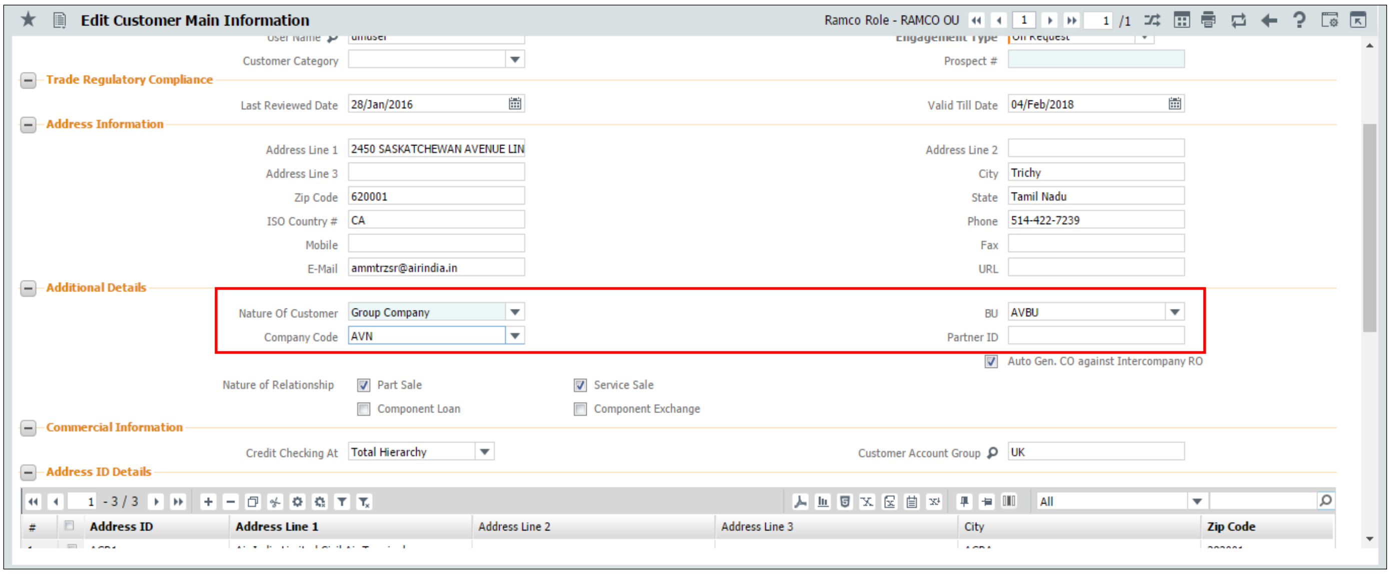
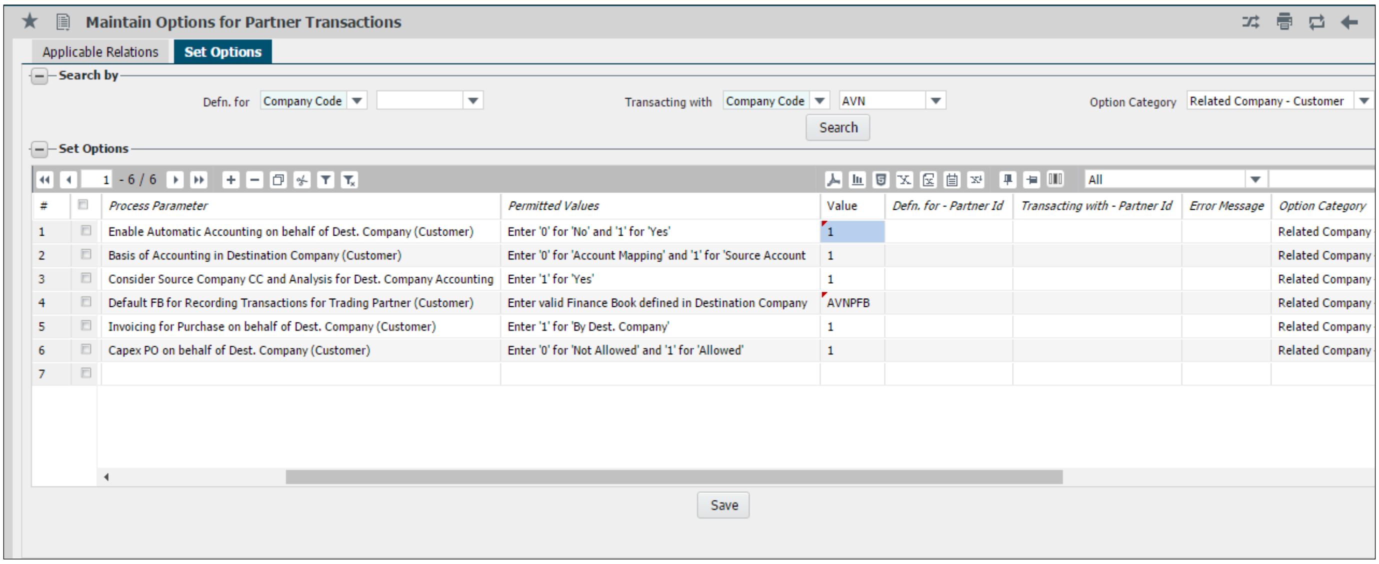
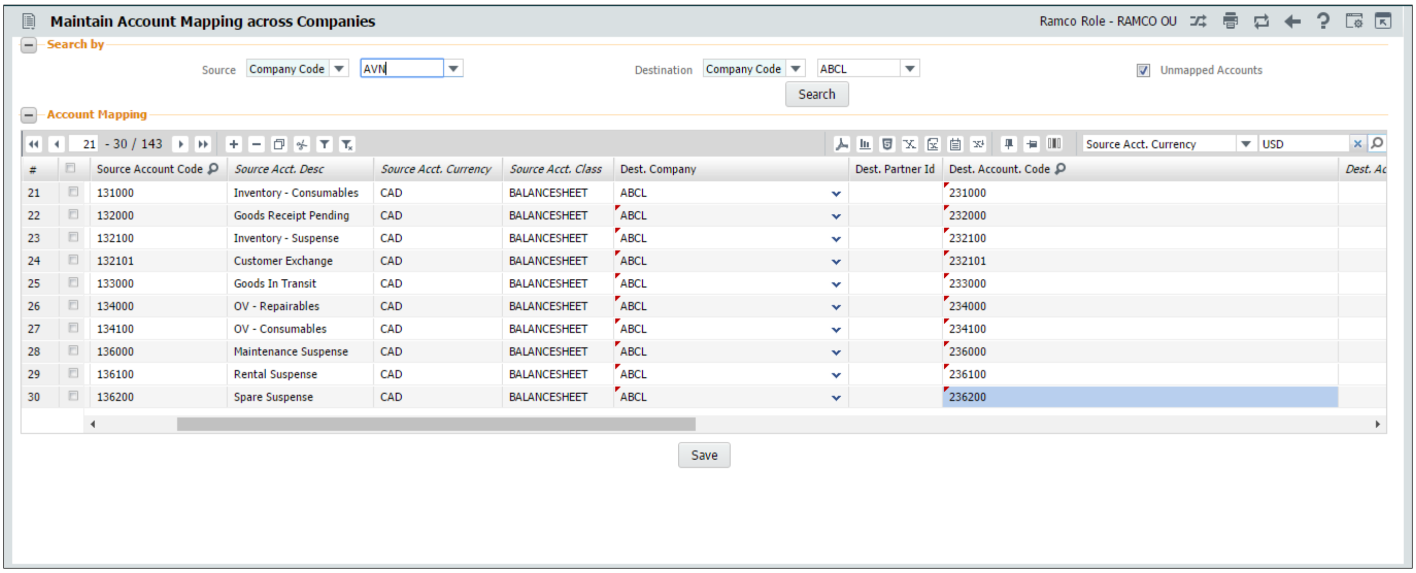


Exhibit 5: **Set options** enabling accounting on behalf of **Destination Companies**



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 6: Set options enabling accounting on behalf of **Destination Companies** in **Maintain Account Mapping across Companies**



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.

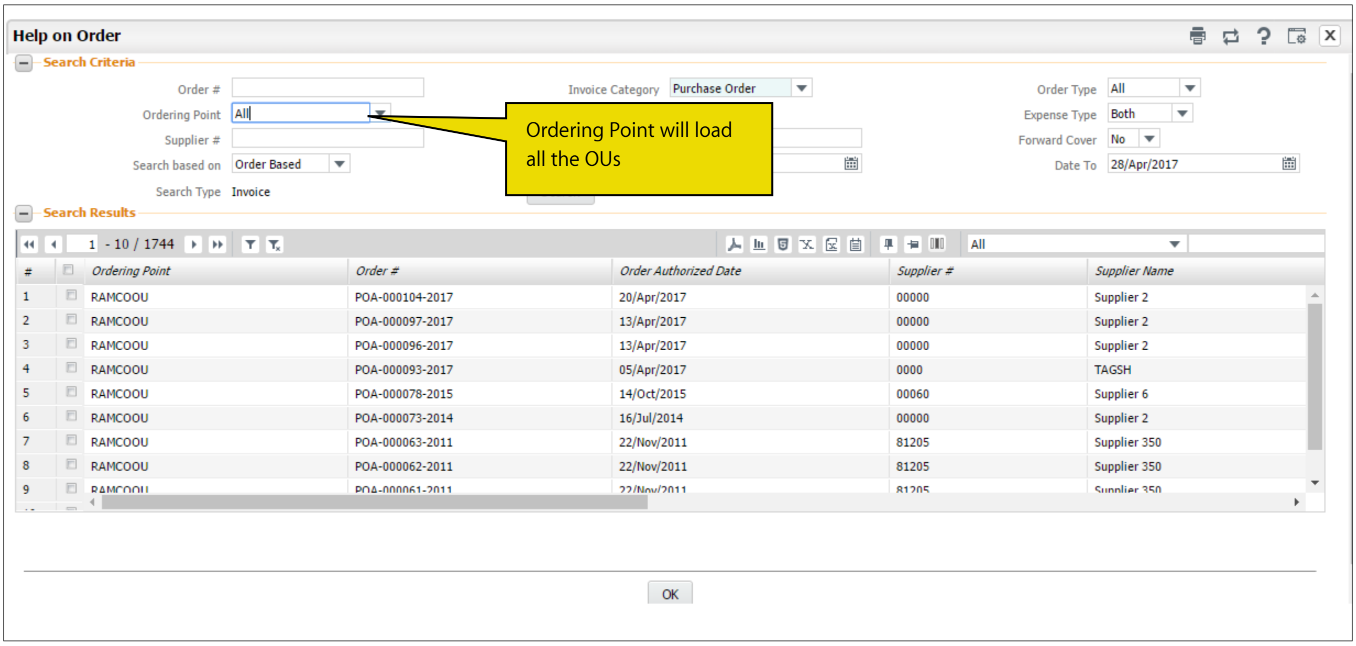
Goods Inward shall be recorded in Source Company but the accounting entry shall take place in Destination Company. Stock Status of such goods moved into the warehouse shall be of ownership as 'Customer'.

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 7: **Help on Order** in Supplier Order Based Invoice



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

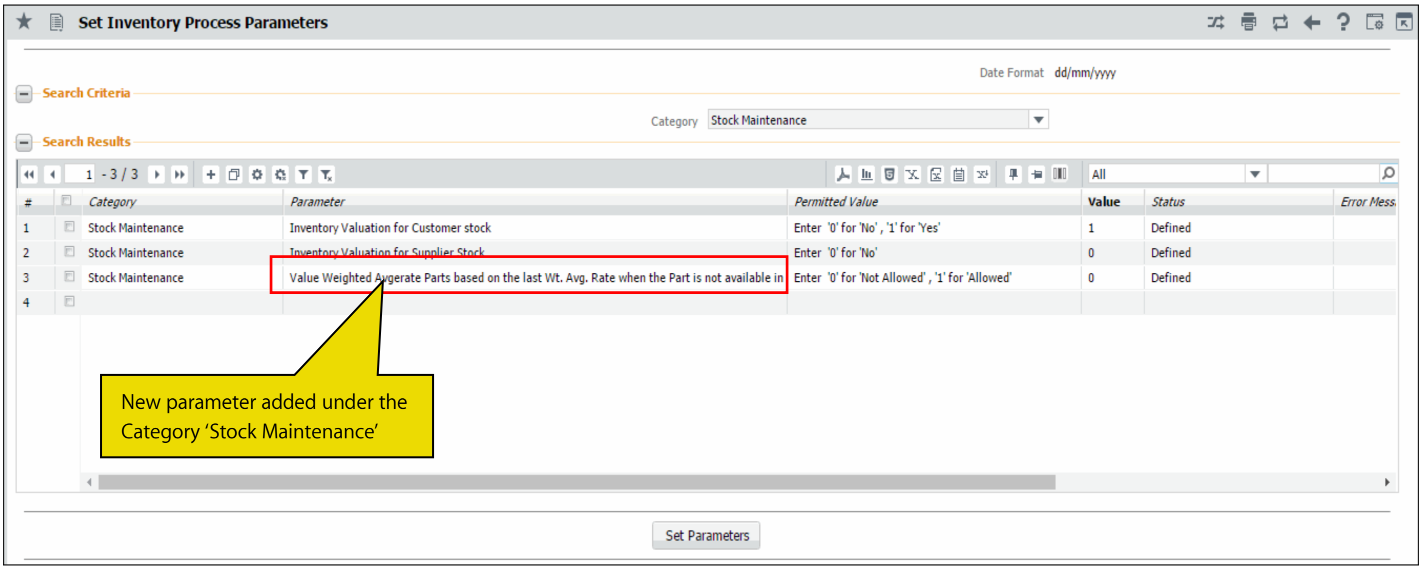
A new set option is added under the Category 'Stock Maintenance' in the **Set Inventory Process Parameters** activity of the **Logistics Common Master** business component, to facilitate valuation of weighted average parts based on the last weighted average rate instead of Standard Cost.

- '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



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

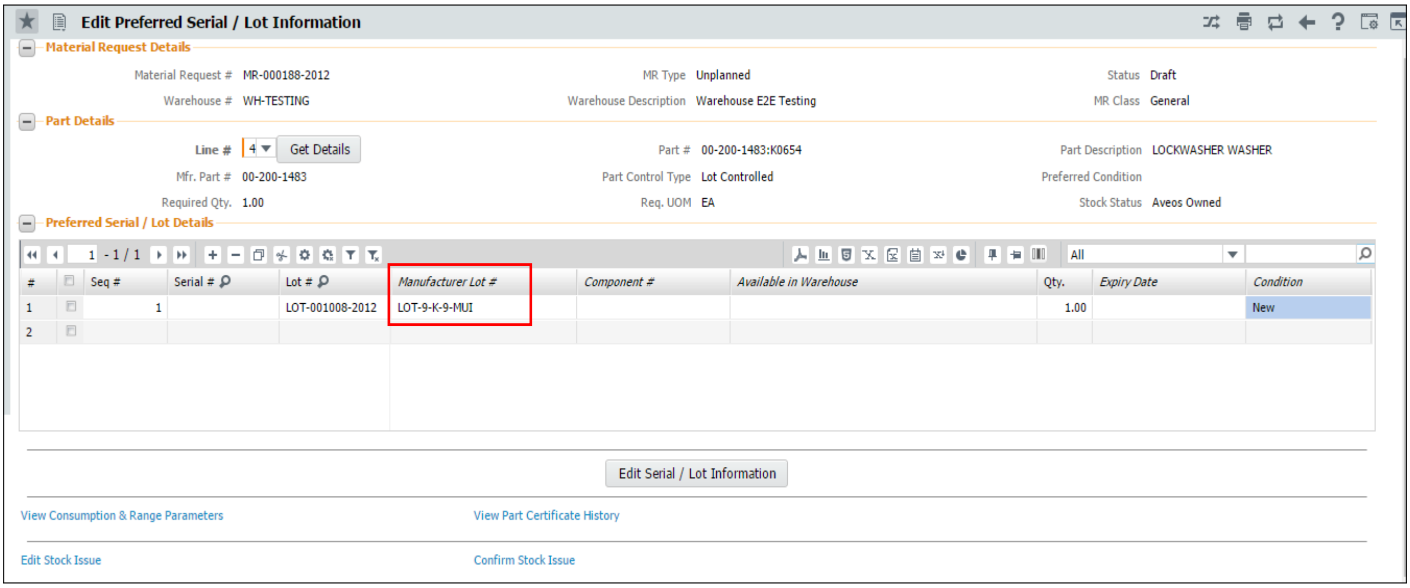
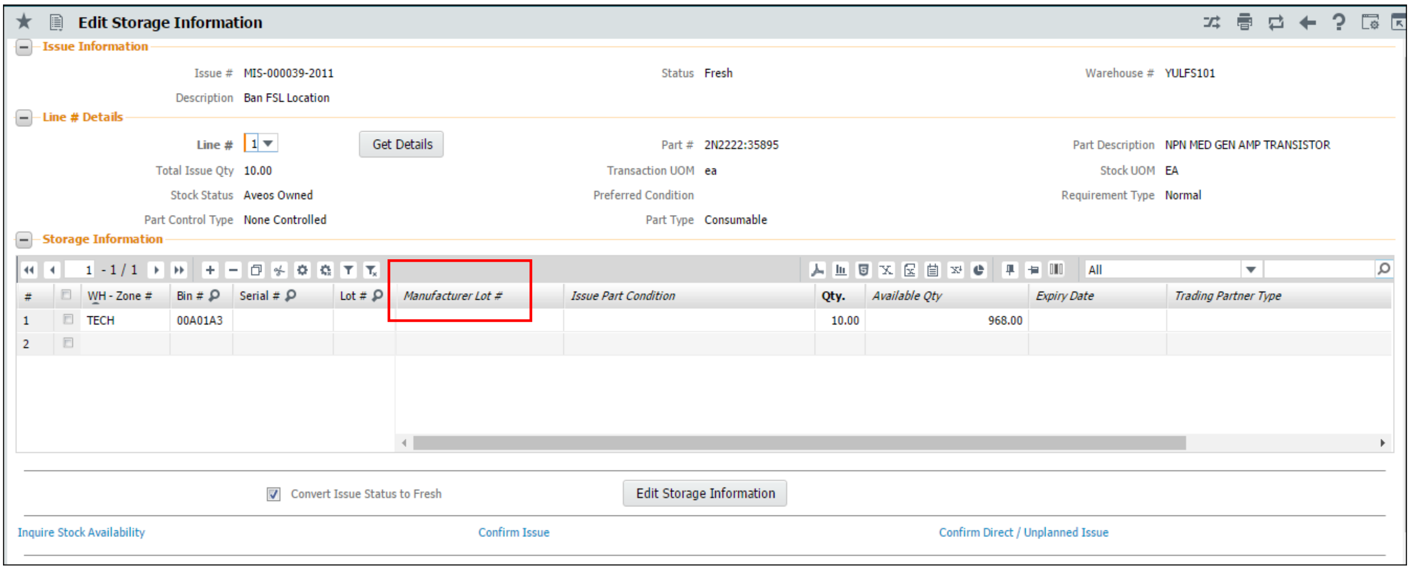


Exhibit 2: Identifies the addition of Manufacturer Lot # in **Edit Storage Information** screen



Ability to use customer parts across different customers

Reference: AHBG-12478

Background

In many MRO's, Customer Inventory will be managed by MRO itself. As and when customer part is requested for internal repair, the respective customer Part will be issued to satisfy the demand. When there are no Customer parts available with the Customer, owned parts will be issued based on the sale contract. If both the customer and owned stocks are not available, and same part is available with other customer ownership, then the other customer ownership part will be used based on other customer parts usage. A provision is given to manage allocation and issue of parts across customers and facilitate ownership change through Stock Conversion.

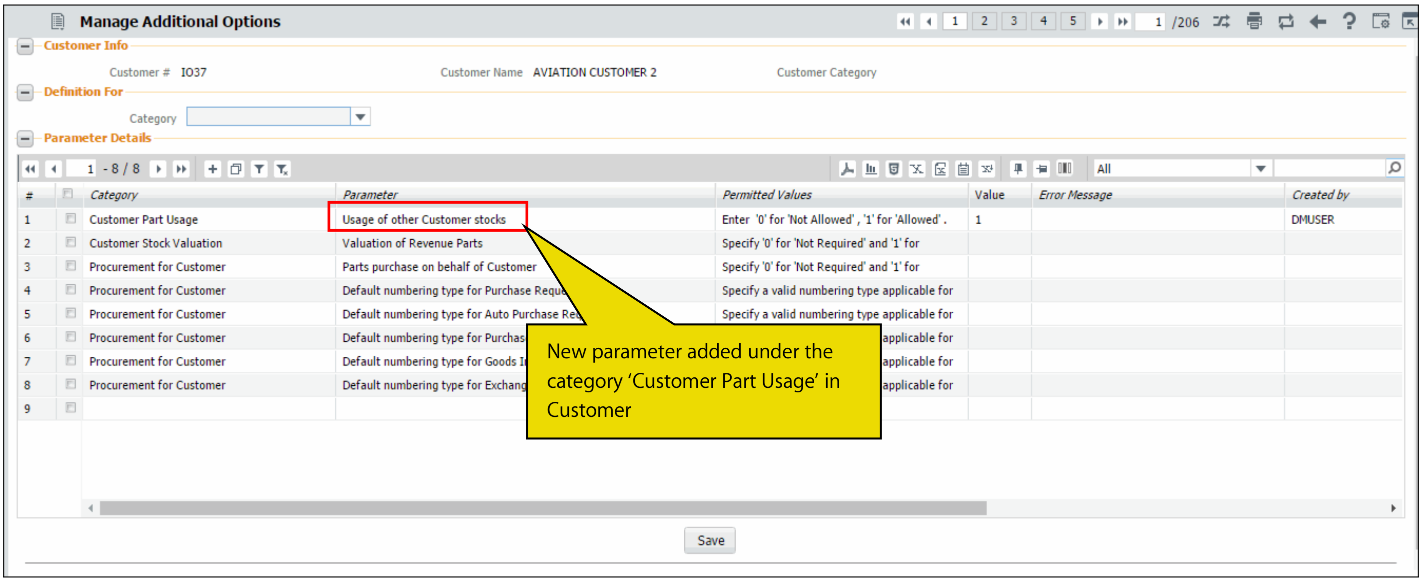
Change Details

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

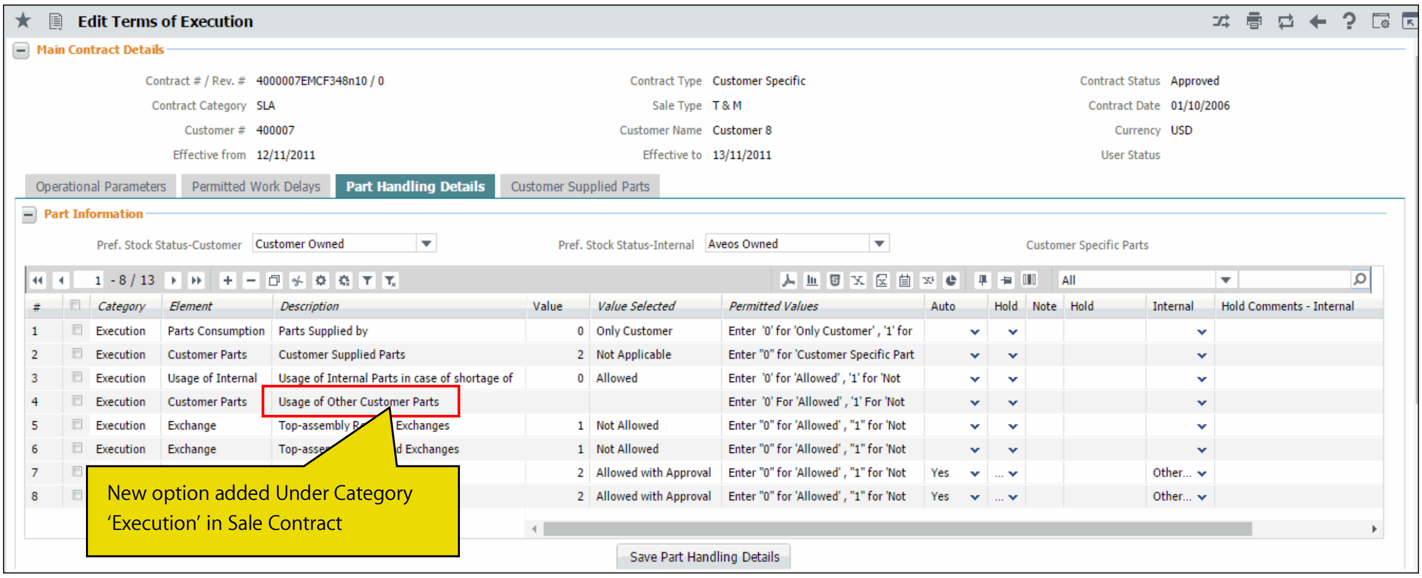


Sale Contract

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 in Sale Contract** business component

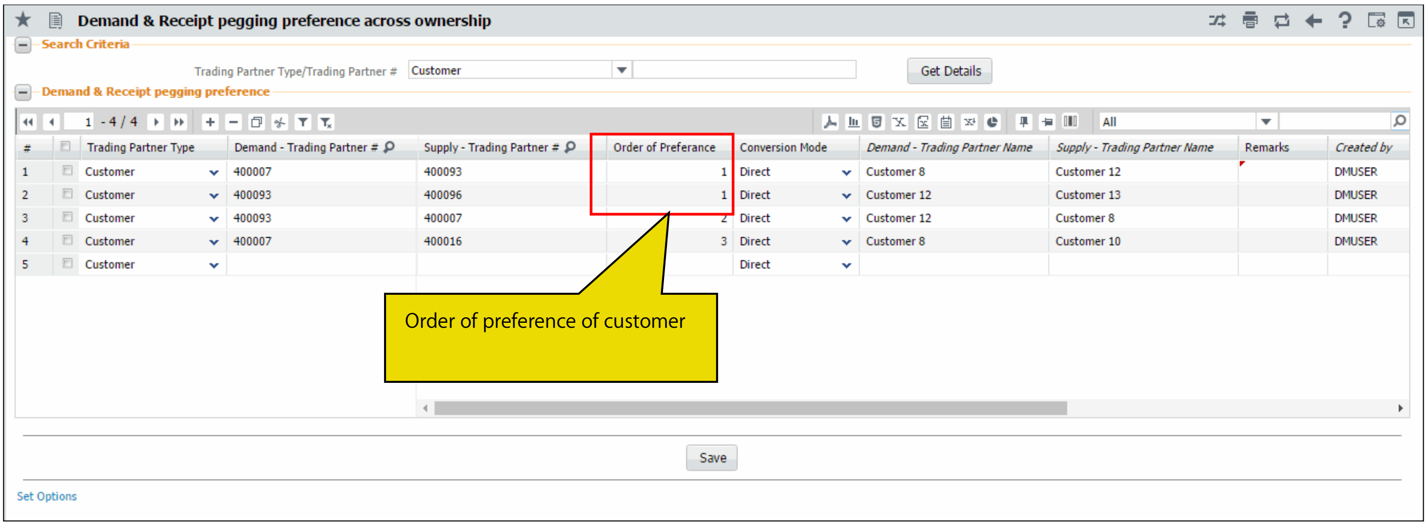


Stock Demand Management

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 Demand Trading Partner with Supplier Trading Partner (i.e. identify which customer stock can be issued to which customer), along with order of preference & Conversion Mode.

1. Demand Trading Partner # - Identifies the Trading Partner requesting the Part #.
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 currently supported is 'Direct'.
    - 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 #.

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



Usage of other customer part, when the requested customer part or Internal ownership part is not available will avoid the stock out situations and improves the operational efficiency.

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

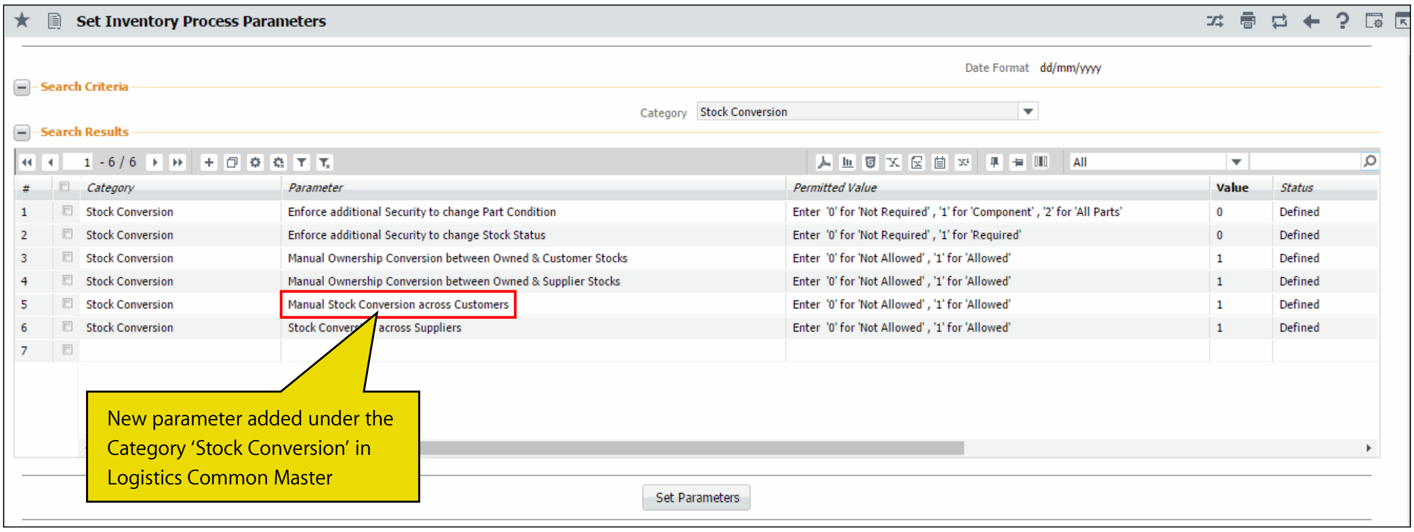
Note: If system allocates other customer part for the Material Request, then at the time of Issue Confirmation, system will create an Automatic Stock Conversion document to change the Ownership from Supply Trading Partner to Demand (Requested) Trading Partner. Similarly stock status will also be changed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

Logistics Common Master

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

- ‘Manual Stock Conversion across Customers’ provides the following options:
  - Allowed - Manual stock conversion is allowed to change the ownership for a Part from one Trading Partner # to another Trading partner #.
  - Not Allowed - Manual stock conversion is not allowed to change the ownership for a Part.

Exhibit 4: Identifies the option setting added in **Set Inventory Process Parameters** screen



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

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