# RAMCO AVIATION SOLUTION ENHANCEMENT NOTIFICATION Version 5.8.3

**Materials** 

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# contents

WHAT'S NEW IN MOBILITY?	5
Ability to manage Loan Approvals using iPhone Background Change Details	<b>5</b> 5 5
WHAT'S NEW IN PROCUREMENT MANAGEMENT? 1	1
Ability to record spares for subcontract PO	<b>1</b> 11 11
Ability to manage accounting for Subcontract Manufacturing through PO1 Background	<b>6</b> 16 16
Supplier, Warehouse and Purchase Tax Rules capture for Indian GST1 Background	<b>9</b> 19 19
Record multiple instances of Exchange Fee by amending PO even after closures	31
Background	31 31
Ability to generate Incremental invoice for Exchange PO	33 33
Specify taxable amount in Document level TCD and Part level TCD in PO3	4
Background	34 34
WHAT'S NEW IN REPAIR ORDER?	8
Ability to procure repair services on behalf of customer through RO	8 38 38
Ability to manage taxes in Repair Order at RO Quote line level and suppo	ort
Indian GST4	3
Background	43 43

WHAT'S NEW IN INVENTORY SETUP?	48
Ability to manage replenishment of customer stock	48
Background	48
Change Details	48
WHAT'S NEW IN STOCK MANAGEMENT?	52
Ability to use other customer parts across ownership	52
Background	52
Change Details	52
Ability to value customer stock in inventory and persist the value in transa	actions
	50
Background	
Change Details	
Valuation of Customer Stock in GI and Minor enhancements in Purchasi	ing on
behalf of Customer	60
Background	60
Change Details	60
Procurement of Parts on behalf of Customer (Group Company)	65
Background	65
Change Details	65
Ability to compute inventory revaluation across warehouses and part types	s70
Background	70
Change Details	70
Ability to manage GST framework for Inter-State Stock Transfers	73
Background	73
Change Details	73
Ability to enable GST Accounting in Stock Transfer transaction	76
Background	76
Change Details	76
Value Wt. Avg. parts based on Last Wt. Avg. rate when stock is not availabl	e79
Background	79
Change Details	79
Ability to display Mfr. Lot # along with Internal Lot # for traceabi	lity in
transactions and reports	81
Background	81
Change Details	81

## 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

#### 6 | Enhancement Notification

**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.

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Order	AOG LOs	3 >		LOs		
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Order	Pending Auth. > 2 Days	3 >	Au	thorization >	Z Days	
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			✓ Re	ecent LOs	3 Days	
			Supplie	r Invoice/Notes		
			V Appro	oval Due >	C	Days
			Docu	ment Value >	C	CAD
			Recei	nt Supplier Document	(	Davs
				Apply		

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

1 .

\$100

\$20+

\$ 50

\$100

\$150

\$10

\$20

\$30

...

More

2

- **Parameter Charges** •
  - Lease (Basic Charges) 0
    - From Date Range (XX XX) days / Value (In base currency). .
  - Penalty (Calendar days exceeded) 0
    - 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

Create Purchase C	Order									-74 🔢	
PO Information											
Purchi	ase Order #	[100.1		Status PO Catagony	-			Numbering Typ	e PU V		-
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- PO Details	nentary becano										
	PO Type General	T	Б	pense Type	Revenue 💌		Recei	pt Recording Option	GR Movement	T	
	PO Priority A1 💌		Aircra	ftReg # 👂				Component # 👂			
	Buyer Group		Quality Attr	ibute Check	No 🔻			Part Type	All	Ŧ	
	Subcontract			Purpose		•					
	Remarks										
Purchase for & Expent	se Details										
	Purchase for Self		Pur. for Trading P	artner # 👂		Go	Т	rading Partner Name			
P	°O & Inv. Org. 'Su	bcontract' check	box	Expense to	-				Billable to Custome	r?	
Supplier Details	add	lad in Croata PO	/Edit DO /								
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PC	O Dasic Value		Exchange	ne Date			PO	Additional Charges			
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2 🖾							~	•	~	Single	
	4										•
Get Part Details											
				County Du	where order						
				Create Pu	irchase Order						
Edit Terms & Conditions		Ed	lit Schedule & Distribution				Edit Part TCD Detai	ils			
Edit Document TCD Details		Ed	lit Inspection Details				Edit Dropship Detai	ils			
Edit PO-PR Coverage	'Manage Spare	es for Ed	lit User Defined Details				Edit References	lanning			
Authorize Purchase Order	Subcontract P	O' link added	enerate PO Report				Maintain Supplier O	Correspondence			
Manage Spares for Subcontra	dt PO										
View Part Supplier Mapping	nentc	Vi	ew Supplier Part Mapping	pg			View Part Price His	tory			
View Part Supply Chain Perfor	rmance		en i are y bernee mae Rau				Ten supprise Rati				

#### 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

	Mai	nage Spares for Subcon	tract PO												7\$		⇒ +	· ?	Cø.
	PO D	Purchase Order # 👂	APO0032831	17	Go		Amend	dment # 0 🔻						Status Short Closed	I				
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#		Line # / PO Part #		PO Part Desc.	Order Qty.	UOM	Spare Part # 🔎	Spare Part Desc.	Qty.	UOM	Stock Status		Pref. Serial # 🖇	Pref. Lot # 🔎	I	ssue W	н# Р		
1	E	1/3-1435-3:M14451	~	DHC-8 MAIN	1.00	ea	110714A-L10-20-14	110714A-L10-20-14	2.0	EA	Accepted	~		LOT-007051-2014	0:	123			
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3	E	2/3-1435-3:M14453	*	DHC-8 MAIN	2.00	ea	V-EXP-LOT-AC-REV-	V-EXP-LOT-AC-REV-	2.0	EA	Accepted	~		LOT-007087-2015	0	123			
4	E	2/3-1435-3:M14453	*	DHC-8 MAIN	2.00	ea	Z342:10H55-B	Z342:1CH55-B	1.0	EA	Accepted	~		LOT-007050-2014	0	123			
5	E		~																
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									11 3		·								
					Save		Release for Shipp	ing	Quick Links				•						

#### 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 Gl. Through Goods Inward, Receiving clerk will receive the Manufactured Units as well as unused parts upon receipt of manufactured part.

- 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.

#### 14 | Enhancement Notification

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

* 🗎 Select Purchase Order					<b></b>	+	? 🗔 🗖
-Search Criteria			Date Form	at dd/mm/yyyy			
PO Location Purchase Order # PO From Date Supplier # Part # Core Status	RAMCO OU V	Search	Receipt Warehou PO Tyj PO To Da Supplier Nan Part Descripti Aircraft Reg	e			
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# PO Location		PO #	PO Type	PO Date	Supplier #		
1 C RAMCO OU		APO00009112	Exchange	07/01/2012	FAP92		
2 🖾 RAMCO OU		AP000009212	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		AP000047212	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

Ref. Doc. Type       Purchase Order       Ref. Doc. # P       AP000028317       Go       Ref. Doc. Date       09-06-2017       Ref. Doc. Status       Short Closed         Ref. Doc. Status       Supplier #       0000       Supplier #       Outplier #       Supplier #       Outplier #       Outp	Ref. Doc. Type       Purchase Order       Ref. Doc. # P       AP000328317       Go       Ref. Doc. Date 09-06-2017       Ref. Doc. Status Short Closed         Ref. Doc. Catalis       Supplier # 00000       Supplier # 00000       Supplier # 00000       Supplier Name       Supplier Parts       Priority       NRM         Space parts usage detals       Ime # / Ref. Doc. Part # All Ime #       Ime # / Ref. Doc. Part # All Ime #       Ime # / Ref. Doc. Part # All Ime #       Ime # / Ref. Doc. Part # Re	Manage Spares Usage Details									7	; 🖶 🗗 🔶 (	? 🗔
Ref. Doc. Details         Supplier 7 00000       Priority NRM         Supplier 7 00000       Supplier 7 000000       Supplier 7 000000       Supplier 7 000000       Supplier 7 000000       Supplier 7 00000       Supplier 7 000000       Supplier 7 000000 <th><th< th=""><th>Ref. Doc. Type Purchase Order 💌</th><th>Ref. Do</th><th>apo00328</th><th>3317</th><th>Go</th><th></th><th>Ref. Doc. Date</th><th>09-06-2017</th><th></th><th>Ref. Doc. Status</th><th>Short Closed</th><th></th></th<></th>	<th< th=""><th>Ref. Doc. Type Purchase Order 💌</th><th>Ref. Do</th><th>apo00328</th><th>3317</th><th>Go</th><th></th><th>Ref. Doc. Date</th><th>09-06-2017</th><th></th><th>Ref. Doc. Status</th><th>Short Closed</th><th></th></th<>	Ref. Doc. Type Purchase Order 💌	Ref. Do	apo00328	3317	Go		Ref. Doc. Date	09-06-2017		Ref. Doc. Status	Short Closed	
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#         Une #/Ref. Doc. Part #         Ref. Doc. Part #         Ref. Doc. Part #         Issued Part #         Issued Serial #         Issued Net         UOM         Used Qty         Reconciled Qty         Return Warehouse # P         Remarks         Pend. Return Qty         Return Qty </th <th>Image: Image: Image:</th> <th>(4 4 1 - 4/4 → → + - □ - ▼ ▼</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>人口口</th> <th>XZİX</th> <th>▶ 平 1 010 All</th> <th></th> <th>•</th> <th>۶.</th>	Image:	(4 4 1 - 4/4 → → + - □ - ▼ ▼						人口口	XZİX	▶ 平 1 010 All		•	۶.
1/3-1435-3:M14451       DHC-8 MAIN WHEEL       1/0714A-L10       L0T-007051       2.00       EA       2.00       C       0.00       0.00         2       1/3-1435-3:M14451       DHC-8 MAIN WHEEL       Z342:LCH55-B       L0T-007050       1.00       EA       0.00       0.02       0.00       0.00         3       2/3-1435-3:M14453       DHC-8 MAIN WHEEL       V-EXP-L0T-AC-       L0T-007050       2.00       EA       2.00       0.00       0.00         4       2/3-1435-3:M14453       DHC-8 MAIN WHEEL       Z342:LCH55-B       L0T-007050       1.00       EA       2.00       0.00       0.00         5       0.01       DHC-8 MAIN WHEEL       Z342:LCH55-B       L0T-007050       1.00       EA       0.00       0.00       0.00	1/3-1435-3:M14451       DHC-8 MAIN WHEEL       110714A-L10-       L0T-007051-       2.00       EA       2.00       OLC       0123       0.00       1.00         1/3-1435-3:M14451       DHC-8 MAIN WHEEL       Z342:1CH55-8       L0T-007050-       1.00       EA       0.00       0123       0.00       0.00         2/3-1435-3:M14453       DHC-8 MAIN WHEEL       Z342:1CH55-8       L0T-007050-       1.00       EA       2.00       0.00       0.00       0.00         2/3-1435-3:M14453       DHC-8 MAIN WHEEL       Z342:1CH55-8       L0T-007050-       1.00       EA       0.00       0.03       0.00       0.00         2/3-1435-3:M14453       DHC-8 MAIN WHEEL       Z342:1CH55-8       L0T-007050-       1.00       EA       0.00       0.03       0.00	# 🔲 Line #/ Ref. Doc. Part # Ref. Doc. Part L	esc. Issued Part #	Issued Serial #	Issued Lot #	Issued Qty	UOM	Used Qty	Reconciled Qty	Return Warehouse # 🔎	Remarks	Pend. Return Qty	Returne
2         1/3-1435-3:M14451         DHC-8 MAIN WHEEL         Z342:1CH55-B         LOT-007050-         1.00         EA         0123         1.00         6.00           3         2/3-1435-3:M14453         DHC-8 MAIN WHEEL         V-EXP-LOT-AC-         LOT-007050-         EA         2.00         EA         2.00         EA         0.00         0	1/3-1435-3:M14451       DHC-8 MAIN WHEEL       Z342:1CH55-8       L0T-007050-       1.00       EA       2.00       CM       C	1/3-1435-3:M14451 DHC-8 MAIN W	EEL 110714A-L10-		LOT-007051-	2.00	EA	2.00				0.00	
3       2/3-1435-3:M14453       DHC-8 MAIN WHEEL       V-EXP-LOT-AC-       LOT-007087-       2.00       EA       2.00       EA       2.00       EA       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	2/3-1435-3:M14453       DHC-8 MAIN WHEEL       V-EXP-LOT-AC-       LOT-007087-       2.00       EA       2.00       December 2000       0.00         2/3-1435-3:M14453       DHC-8 MAIN WHEEL       2342:1CH55-B       LOT-007050-       1.00       EA       1.00       0123       0.00	2 🗐 1/3-1435-3:M14451 DHC-8 MAIN W	EEL Z342:1CH55-B		LOT-007050-	1.00	EA			0123		1.00	
Image: 2/3-1435-3:M14453         DHC-8 MAIN WHEEL         Z342:1CH55-B         LOT-007050-         1.00         EA         1.00         0123         0.00           5         Image: Comparison of the state of the s	2/3-1435-3:M14453       DHC-8 MAIN WHEEL       Z342:1CH55-B       LOT-007050-       1.00       EA       1.00       0123       0.00	B 2/3-1435-3:M14453 DHC-8 MAIN W	EEL V-EXP-LOT-AC-		LOT-007087-	2.00	EA	2.00				0.00	
		2/3-1435-3:M14453 DHC-8 MAIN W	EEL Z342:1CH55-B		LOT-007050-	1.00	EA		1.00	0123		0.00	
		5 🖻											

#### **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:

#### 15 | Enhancement Notification

- 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.
    - o 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.
    - o 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

#### 17 | Enhancement Notification

#### 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 #	lssued 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./Acc Order Cost		Consumed Spares
			epted Qty		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							

Change

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

Register Suppl	ier								⊐⊄		+ 2	0
- Supplier Informatio	in				-			1				
	Supplier #			Supplier Nam	e	Existing 2 cc	lumn	Supplier Type	Normal		r	
SI	upplier Category	▼		SPEC 2000 Cod	e	approach is	modified as	SITA / ARINO				]
	Customer # 👂	1090000	Supp	lier Account Group 🖇	D INTERCO	3 column an	proach	Nature of Supplier	External		-	
	Company Code	<b>v</b>		Partner I	D		proden	Numbering Type	Manual		-	
	Supp	plier Class 🔲 Manufacturer	Distributor	Repair Agency	Others	erator	Service Provid	ler 📃 Under Pf	8H			
+ EDI Capabilities —												
Terms And Condition	ion Details		- Inbound Shipp	ing Info			- Outbound S	hipping Info				
_	Pay Term 👂			Shipping Method			•	Shipping Method				
р	ayment Mode	Check 💌		Shipping Cost	•			Shipping Cost		•		
	Currency 👂			Packaging Code		•		Packaging Code			•	
Pay	ment Priority	Normal 💌		Insurance Liability	None	·		Insurance Liability	None	-		
								Preferred Carrier			•	
Address Informatio	n											
•• • 1 -1/1	L 🕨 🕨 🛨	- 🗗 🛠 🔻 🔭					i x C I i	ali Dilo		T		Q
# 🖹 Address ID		State	Count	ry		Zip Code	Tax Regi	on		Phone #		
1		The New Controls	INDIA			600113	TN		~			
2		New Controls A	Added						~	•		
	<						INE	w Column Tax				>
Other Details							ке	gion				
	Notes											
	User Defined 1	TSUPPLIER	r .	User Defined	2 U2		•	User Defined 3	UD3			×
				D a sia	han Camalian							
				Regis	ter supplier							
Edit Supplier Details		Edit Certificate De	etails		Edit Supplier Pa	rt Mapping		Edit Supplier TCD M	P New	/ Link		
Add Location Details		Record PBH Agree	ement Details		Map Repair Ser	vices	1 -	Map Parts to Servic	Add	ed		
Manage Additional Options		Maintain Carrier A	account Information for Su	pplier/Customer	Maintain Entity	Level Identification Ref:						

**Ramco Aviation Solution** 

#### 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

* 📄 Edit Supplier Details					44	4 6 7 8 9	10 > >> 7 /	/13231 🍱 🖶	₽ ← '	? 🗔 🛛
Supplier Information										
Supplier	# 00141		Supplier Nam	e Supplier 5			Supplier Typ	e Normal		~
Supplier Catego	y 13_MANUFACTURER	•	SPEC 2000 Cod	le	Existing 2	2 column	SITA / ARING	с		
Customer #	p		Supplier Account Group	P TRADE	approach	is modified as	Nature of Supplie	External		•
Company Co	le	•	Partner I	D	3 column	approach				
S	upplier Class 🛛 Manufacturer	Distributor	Repair Agency	Others			Under P	вн		
+ EDI Capabilities										
Terms And Conditions		- Inboun	d Shipping Info			- Outbound Ship	ping Info			
Pay Term	P N030D000_00.0		Shipping Method	As per routing guid	e	•	Shipping Method	As per routing guide		•
Payment Moo	e Check 🔻		Shipping Cost	•			Shipping Cost	•		
Currency	P USD		Packaging Code		•		Packaging Code			
Payment Priori	v Normal 💌		Insurance Liability	None 💌			Insurance Liability	None 💌		
			,				Preferred Carrier			
Address Information										
				1				-		0
	T = D 7- T 1x			~			A	•		
# Address ID	5	tate	Counti	ny		Zip Code	Тах Кедюр			Phone
1 1 G	New Cont	rols Added	UNITED	STATES		06762	DD		¥	
2 8									· ·	
	,	$\neg$						New Colu	mn Tax	
	(							Region		
- Other Details						A				
Note	3					$\mathbf{\nabla}$				
User Defined	1 TSUPPLIER	•	User Defined	2 U2		•	User Defined	3 UD3		
			Edit Su	upplier Details						
Add Location Dataila	Edit Cost	ificato Dotailo		Edit Cuppling Da	t Manning		Edit Cupplice		_	
Edit Location Details	Record P	BH Agreement Details		Man Renair Sen	rices		Map Parts to	lew Link		
Manage Additional Options	Maintain	Carrier Account Informatic	on for Supplier/Customer	Maintain Entity I	evel Identification R	ef.	Δ	Added		
							<i>`</i>			
+ Record Statistics									-	

#### 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.

#### 21 | Enhancement Notification

#### 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

\star 🗎 Add Location Details						44 4 16 17 1	8 19 20 + ++ 19	/27 🎞 🖶		
Supplier Information										
Supplier #	WC0649		Supplier Name	Supplier 490			Supplier Type	Normal		
Supplier Category			Supplier Status	Active	•	I	Invoicing Org. Unit Name	RAMCO OU 🔻		
Customer #	1090000		Supplier Account Group	INTERCO			User Id 👂			
Remarks			Nature of Supplier	External	Existing 2 col	lumn	Company Code	5		
Partner ID					annroach is r	modified as				
Operational	Status 📃 Hold P	0 / Hold Loan Order / Hold Release S	lip 🔲 Hold Repair 🔲 H	Hold Pay	3 column api	proach				
+ Supplier Class						proden				
Terms And Conditions		- Inbound	l Shipping Info			- Outbound	Shipping Info			
Pay Term <b>P</b>	N030D000_00.0		Shipping Method			•	Shipping Method			
Payment Mode	Check 💌		Shipping Cost				Shipping Cost	•		
Payee Name			Packaging Code	/	•		Packaging Code			
Currency <b>P</b>	USD		Insurance Liability Nor	ne 🔻			Insurance Liability	None 💌		
Payment Priority	Normal 🔻						Preferred Carrier		•	
- Address Information										
≪ ← 1 -1/1 → → + □	T Tx					2 🗎 💀 C 🖡	+= 010 Al	T		Q
# 🖹 Address ID Pref	ference #	Address Category	Address		Tax Re	egion	Phone	#		
1 🗉 1			✓ Ramco Sys, Chn	-6000028,TN,In			~			
2			*				*			
								1		
<						New Co	olumn Tax			>
			Add Locat	tion Details		Region				
Edit Location Details Edit Pay To/Bill To Supplier Details Manage Additional Options		Edit Part Lev Edit Supplier Maintain Enti	el TCD Bank Information ty Level Identification Ref.		New Link Added	Edit Contact In Edit Certificate	formation Details			

#### 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

★ 🗎 Edit Location Details		4	4 4 13196 13197 13198 13199 13200 → → 1320 /	13204 🍱 🖶 🛱 🗲 ?	ā.
<ul> <li>Supplier Information</li> </ul>					
Supplier # WC9579	9	Supplier Name Supplier 633	Supplier Type	Normal	
Supplier Category		Supplier Status Active 🔻	Invoicing Org. Unit Name	RAMCO OU 🔻	
Customer # 109000	0	Supplier Account Group INTER	User Id 🖇	)	
Remarks		Nature of Supplier Exter Existing 2	column Company Code	2	
Partner ID		approach	is modified as		
Operational Status	Hold PO / Hold Loan Order / Hold Release S	lip 🔲 Hold Repair 📄 🛛 3 column a	approach		
+ Supplier Class					
Primary Identification Details     Terms And Conditions		Shipping Info	Outbound Shinning Info		
Pay Term & N03000	000_00_0	Shipping Method	Shipping Method		-
Payment Mode Check	<b>*</b>	Shipping Cost	Shipping Cost	•	
Pavee Name		Packaging Code	Packaging Code	<b></b>	
		Insurance Liability None	Insurance Liability	None	
Payment Priority Normal		Notence Laberty Note	Preferred Carrier	None ·	
- Address Information				[·]	
		<u>, н</u>	5 X Z 🗄 X C 🖛 🖶 💷 Al	▼	Q
# Address ID Address Catego	ory Address	Tax Region	Phone #	Fax #	
1 🗖 1	<ul> <li>Ramco Sys, Chn-6</li> </ul>	000028,TN,In	~		
2	*		*		
			low Column Tax		
<	New Link				>
	Added		egion		
		Edit Location Details			
Edit Part Level TCD	Edit Contact In	formation	Edit Pay To/Bill To Supplier Details		
Edit Supplier Bank Information	Edit Certificate	Details	Manage Additional Options		
Maintain Entity Level Identification Ref.					
+ Record Statistics					

#### 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

★ 🗎 View Location Details		44 4 13196 13197 13198 13	1199 13200 🕨 🕨 1319 /13204 🕫 🖶 🖨 🗭 🗲 ? 🗔 🖪
Supplier Information			
Supplier # WC8758	Supplier Name	Supplier 655	Supplier Type Normal
Supplier Category	Supplier Status	Active	Invoicing Org. Unit Name RAMCOOU
Customer # 1090000	Supplier Account Group	INTERCO Existing 2 column	User Id
Remarks	Nature of Supplier	External approach is modified as	Company Code
Partner ID		3 column approach	
Operational Status	old PO / Hold Loan Order / Hold Release Slin 📃 Hold Repair	Houray	
+ Supplier Class			
+ Primary Identification Details			
Terms And Conditions	Inbound Shipping Into	- Outbou	nd Shipping Into
Pay Term N030D000_00.0	Shipping Method	/	Shipping Method
Payment Mode Check	Shipping Cost		Shipping Cost
Payee Name	Packaging Code		Packaging Code
Currency USD	Insurance Liability	None	Insurance Liability None
Payment Priority Normal			Preferred Carrier
- Address Information			
		, L U X C H C F	
# 🗇 Address ID Preference #	Address Category Address	Tax Region	Phone #
1 🗖 1	Ramco Sys, Chr	-6000028,TN,In	
New	Link		
Adde	ed la la la la la la la la la la la la la	Now Colu	mp Tax
		Design	
		Region	/
View Part Level TCD	View Contact Information	View Pay To/I	Bill To Supplier Details
View Overall Rating Trend for Supplier	View Supplier Bank Information	View Certifica	ate Details
View Entity Level Identification Ref.			
+ Record Statistics			

#### 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

🗎 Create Warehouse In	🗎 Create Warehouse Information 🛛 🕹 🕂 '									
- Warehouse Identification D	)etails -									
Wareho	ouse #			Description	Customer Owned		Warehouse Type	Normal 💌		
Storage L	ocation.	LONDON	Ware	ehouse Category	Customer 💌		Finance Book 👂	AVEOS		
Warehouse	e Group	GSTWH 💌								
Copy Details From										
Warehouse	# ₽	BanCust	Get Details							
		All		Transaction		Storage	e Allocation			
	Cop	y Options 📃 Zone & Bin Informa	ation	Stock Status		] Storage	e Strategies			
		User Information	New sector (Terr	Part Type		Plannin	g Parameters			
- Address Details			New control Tax							
		Address 6, New Tower	Region					City St-Lauren	:	
	State	Quebec		Zip Code	H4S 2B7		Country	Can		
Tax	Region	AD V	Wareho	use Incharge 👂	00001502		Incharge Name			
- Warehouse Settings										
	V	All Part Types Allowed		1	All Transactions Allowed		V	All Stock Status Allov	ved	
		Allow Backflushing		$\checkmark$	Allow Reservation / Hard A	Allocation		Allow Offline Usage		
- Warehouse Capacity Settin	lg									
Capacity Cons	straint	Not Applicable		Volume			Volume UOM 👂			
	Weight			Weight UOM 👂	YD					
User Defined D	otail - 1		llear	ofined Detail - 2						
Attachments	craii - T		User L	Penineu Detaii - 2						
File Na	me 👂		View File							
				Create V	Varehouse Information	J	Create Zone Information			
Edit Warehouse - Stock Status / Cor	Edit Warehouse - Stock Status / Condition Allowed Select Transactions Allowed Select Part Types Allowed									
Map Warehouse - User			Edit References				Edit Interim Storage Area / Associated War	chouse		
Set Warehouse Process Parameters			Edit Warehouse Informatio	in						

#### 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

🗎 Edit Warehouse Informatio	n			44 4 496 497 498 499 500	> >> 497 /500 🕮 🖽 🖨 🗲				
- Warehouse Details									
Warehouse #	TYVR185205	Description	Tools Location	Status	Active 🔻				
Warehouse Type	Free	Warehouse Category	Tools 💌	Finance Book 👂	Aveos				
Storage Location	YVR1 Nev	w control 'Tax Warehouse Group	•						
Warehouse Settings	Allow Backflushing	gion' added	Allow Reservation / Hard Allocation		Allow Offline Usage				
Address Details Address 40, New or, Green Park Road									
State	вс	Zip Code	V7B 1K3	Country	Can				
Tax Region	AD 🗸	Warehouse Incharge 👂	00001421	Incharge Name	NIGHTINGALE, DWIGHT				
Warehouse Capacity Setting									
Capacity Constraint	Not Applicable 🔹	Volume		Volume UOM 👂	AMP				
Weight		Weight UOM 👂	AMP						
Other Details     User Defined Detail - 1     Attachments		User Defined Detail - 2							
File Name 👂	Vi	iew File							
		Edit Warehou	ise Information						
Link Flag	Usr/Trans/UDSS/PartType/								
Create Zone Information		Edit Zone Information		Map Warehouse - User					
Edit Transactions Allowed	Edit Transactions Allowed Edit Varehouse - Stock Status / Condition Allowed								
Edit References		Edit Interim Storage Area / Associated Ware	house	Set Warehouse Process Parameters					
+ Record Statistics									

#### 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

★ 🗎 View Warehouse Info	rmation			44	◀ 1271 1272 1273 1274 1275 → → 1275 /1279	_ # 🖬 🖶 🖬 두 ? 🗔 🖪
- Warehouse Information			_			
Warehouse #	YYZWH1	New control 'Tax	Description	Toronto Component Base	Warehouse Status	Active
Warehouse Type	Normal	Region' added	Warehouse Category		Finance Book	AVEOS
Storage Location	YYZ	negion dudeu	Warehouse Group		Mode of Usage	
Address Details		7/				
	Address 70, New	Green Park Road				City
State			Zip Code		Country	
Tax Region			Warehouse Incharge		Incharge Name	
Warehouse Settings	All Dark Transa Allowed			all Transactions allowed		All Charles Charles Allessed
	All Part Types Allowed			All Transactions Allowed		All Stock Status Allowed
💭 Waashawa Casa ita Catina	Allow Backflushing		$\checkmark$	Allow Reservation / Hard Alloca	tion	Allow Offline Usage
- warehouse capacity Setting						
Capacity Constraint	Not Applicable		volume		Volume DOM	
Weight			Weight UOM			
User Defined Detail - 1			User Defined Detail - 2			
- Attachments			OSCI Denned Detail 2			
- File Name						
Link Flag	Zn/Bn/Usr/Trans/UDSS/Par	rtType/				
View Zone Information		View Transactions	Allowed		View Stock Status / Condition Allowed	
View References		View Part Types All	lowed		View Interim Storage Area / Associated War	ehouse
Record Statistics						

#### 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

*	D	Manage Pu	rchas	e Tax Rules																	≠ ≣		+	? 🗔
	ieard	h Criteria																						
						Search On Pr	irpo	se		▼ Dor	nest	ic		Ŧ				GO						
	ax R	ules																						
44	4	1 - 9 / 9	•	+ - 0 % * *										人口	5		x# (		All		Ŧ			Q
#		Part/Service	Group	Document Type		Document Sub Ty	pe	Service Category	Pur	pose		Supplier (	Group			Warehouse Gr	oup	Account Usage 🔎	Tax Region from		Tax Regio	n to	A	pplied on
1	E	ROTABLES	~	Purchase Order (PO)	~	PO-Adhoc	¥	~	Dor	nestic	•	GST PART	S VENDOR		~		~	1001004	AP .	•	AR		D	ocument
2		ROTABLES	~	Purchase Order (PO)	~	PO-Adhoc	¥	~	Don	nestic	×	GST PART	S VENDOR		*		~	120400	AN	~	AP	-	D	ocument
3	E	ROTABLES	~	Purchase Order (PO)	~	PO-Adhoc	¥	~	Dor	nestic	~	GST PAR	S VENDOR		~		~			~			D	ocument
4	E	ROTABLES	~	Purchase Order (PO)	~	PO-Adhoc	×	~	Don	nestic	¥	GST PAR	S VENDOR		_	<mark>~                                    </mark>	~			~			D	ocument
5	E	ROTABLES	~	Purchase Order (PO)	~	PO-Adhoc	¥	~	Don	nestic	¥	GST PAR	New	colur	nn	s	•			~			D	ocument
6	E		*	Purchase Order (PO)	~	PO-General	×	GENERAL 🗸	Dor	nestic	¥	GST PAR	Adde	-d			*	PURCHASE ORDER	UK	~	AP		r Pa	art/Line
7	E	HSN:ROT		Purchase Order (PO)	~	PO-General	¥	~	Dor	nestic	۲	GST PAR	naac	20			*	PURCHASE ORDER	UK	~	AP		r Pa	art/Line
8	E	HSN:ROT	~	Purchase Order (PO)	~	PO-Service	×	~	Don	nestic	¥	GST PAR	IS VENDOR		*	GSTWH	~	PURCHASE ORDER	UK	~	AP		r Pa	art/Line
9	E	HSN:ROT	~	Purchase Order (PO)	~	PO-Exchange	¥	~	Don	nestic	¥	GST PART	S VENDOR		~	GSTWH	~	PURCHASE ORDER	UK	~	AP	~	D	ocument
10	E		~		~		¥	*			•				~		•			~		~	·	
		<																						>
												_												
												Save												
View 1	Tax C	ode					V	iew Tax Attribute																

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

[	D	E	dit Part/Service	Groups						Ramco	Role	e - Ramco OU 👻 💴			⊢ ?	Ľ
-5	ear	ch (	Criteria	Group Code Controlled Group Yes Status	•		Search		Group	Description Purpose			•			
Pi	art ∢	Gro	1 - 6 / 6 🕨 🗰	+ 🗇 ¥ ¥.				人业	· · · · · · · · · · · · · · · · · · ·	# # III	All		Ŧ			Q
	E		Group Code	Group Description	Associate Attributes		Associate Parts		Associate Services		c	Controlled?	Purpos	e	State	JS
	E	•	478098	TESTING	Yes	¥	No	~	Yes		י ץ	'es 🗸 🗸	SAC Coo	e 🗸	Activ	e ·
	E		CONSUMABLE	Consumable part	Yes	•	Yes	~	No		י ץ	'es 🗸 🗸	HSN Cod	e 🗸	Activ	e
	E	3	EXPANDABLE	EXPANDABLE PARTS	Yes	~	No	*	Yes		י ץ	'es 🗸 🗸	SAC Cod	e 🗸	Activ	e
	E	3 1	INDIAN GST	Indian GST Test	Yes	~	Yes	~	No		▼ Y	'es 🗸 🗸	HSN Cod	e 🗸	Activ	e
	E	-	TESTINGHSN	TESTINGHSN	Yes	~	Yes	~	No		י ץ	'es 🗸 🗸	HSN Coo	e 🗸	Activ	e
	E	•	TESTINGSAC	TESTINGSAC	Yes	•	No	~	es		▼ Y	'es 🗸 🗸	SA Cod	e 🗸	Activ	e
		3			Yes 4	•	Yes	Ne	ew Column Added		• N	№ ✓		ode	Activ	e d
oci	ate	Attr	ributes		Associate Parts/Services	Edit P	art/Service Group		Associat	e Usages		'SAC Co	de' ad	deo	ł	

#### 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

	5				Ramco Role - RAMCO OU	; ₽	?[	¢
- Group Information								
Group Code HSN		$\checkmark$	Group Description HSN		Associated Entity Part			
Controlled Group Yes			Purpose Taxes and Cha Get Details	rges				
Part/Service Information								
	0 % 0 0 T T				III AII	Ŧ		Q
# 🖹 Part/Service # 🔎	Description			Type				
1 🔲 :35895	TESTTEST			Consumable				
2 🖹								
	New Link Help on Service Added							
telp on Service	New Link Help on Service Added							
telp on Service	New Link Help on Service Added		Associate Parts/Services					

#### 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

Manage Usage Association     Manage Usage Association	New UI Added under Edit Part /	o Role - RAMCO OU 🤫 ፋ 1 2 3 4 5 🕨 א 2 /28 💯 🖶 🔁 🔶 ? 🗔 🗖
Group Code 478098	Service Groups	Group Description TESTING
Controlled Group Yes	Get Details	Purpose SAC Code
44 4 1 -1/1 >>>> 🔅 🔅 🝸 🔽		
# 🖹 Group Code Group Description Ac	Account Usage Usage Short Description	Usage Description Purpose
1 🖹 478098 🕶 TESTING 55	52900 🗸 PBH Fee	PBH Fee SAC
	Associate Usages	

#### 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

*	D,	Associate Groups				Ramco Role - RAMCO OU 💢		← ?	¢	к				
-	Part/	Service Details								_				
		Part/Servi	ce # :35895		Part/Serv	vice Description TESTTEST								
	_		Fype Consumable	Category NA-MISC										
	Group	Details												
44	•	1 - 2 / 2 <b>&gt; &gt;&gt; + - 🗇 🛠 🕸</b>	T Tx			at a a a a a a a a a a a a a a a a a a	Ŧ		\$	C				
#		Group Code 👂	Group Description		Controlled?	Purpose								
1		NONE	NONE		No	Product Line								
2		HSN	HSN		Yes	Taxes and Charges								
3														
										-				
				Associate Groups										

#### 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

	▼	
Group Code     Group Description       Controlled Group     Yes       Group Type     Townor Code       Part/Service #     Part/Service Description	•	
Controlled Group     Yes     Purpose     HSN Code       Group Type     Group Usage     Image: Comparison of the computation of the computa	•	
Group Type Group Usage Part/Service # Part/Service Description		
Part/Service # Part/Service Description		
Strip Part #		
Search		
s Search Results		
4 4 1 - 3/3 ▶ → Υ Υ, ▲ □ ○ X 区 前 平 ■ Ⅲ AII ▼		\$
🛊 🖥 Group Code Group Description Controlled? Purpose		Statu
L CONSUMABLE Consumable part Y HSN		Active
2 INDIAN GST Indian GST Test Y HSN		Active
TESTINGHSN TESTINGHSN Y HSN		Active

#### 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

★ 🗎 Edit Service Main Information		Ramco Role - RAMCO OU 44 4 1 2 3 4	5 🕨 🕨 3 /30 🕮 🖬 🖶 🛱 🗲 구 🗔 🗷
- Service Identification Details			
Service # CATERING	;	Reference Status	, Active 💌
Service Description CATERIN	G SERVICES	Key Word	SERVICE
Service Type Regular	•	Service Category	GENERAL SERVICE
Basic Details			
Standard Cost	0.0	Currency	CAD
Default UOM 👂 SRV			
Other Details			
User Defined Detail - 1		User Defined Detail - 2	
Remarks			
File Name 👂	View File	Service Groups'	
		Edit Service Main Information	
Maintain Planning Information	Maintain Purchase Informa	ation Maintain Attribute N	lapping
Maintain Other Part Nos	Associate Service Groups		

#### 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

*	D)	View Part/Service	e Groups							R	amco Role - RAMCO OU 👻 🗄	x 🖶 🛱 🗲 î	
	earcl	h Criteria											
			Group	p Code						Group Descriptio	n		
			Controlled	Group						Purpos	e HSN Code	•	
				Status 🔻									
							Search						
	art G	roup Details											
44	•	1 - 10 / 10 🕨 🕨	T Tx						人口日	X 2 8 # H	All OID	•	Q
#		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 Ve	Active	DMUSER	21/Apr/2017 15:01:58	DMUSER	
4		CONSUMABLE	Consumable part	Yes	Yes	No	Yes	HSN Co	Active	DMUSER	21/Apr/2017 15:25:44	DMUSER	
5		FCHBF	DGHRFH	Yes	Yes	No	No	HSN Co	Active	DMUSER	22/Apr/2017 17:49:46	DMUSER	
6		INDIAN GST	Indian GST Test	Yes	Yes	No	Yes	HSN Cod	Active	DMUSER	21/Apr/2017 19:40:23	DMUSER	
7		PART1	PART CHECK	Yes	Yes	No	No	HSN Code	ctive	DMUSER	21/Apr/2017 14:36:53	DMUSER	
8		SERVICES1234	desc457	Yes	Yes	No	No	HSN Code	ive	DMUSER	21/Apr/2017 18:05:00	DMUSER	
9		TESTING GROUP	code	Yes	Yes	No	No	HSN Code		DMUSER	21/Apr/2017 16:46:46	DMUSER	
10		TESTINGHSN	TESTINGHSN	Yes	Ye	No	Yes	HSN Code		DMUSER	05/Apr/2017 15:31:50	DMUSER	
		4		New	Column			Ne	w Codes	'HSN Code' a	and		×.
-					del e el								
View	Attribu	ites		A	Jaea	ices			SACC	ode added			
-													

#### 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

*	View Groups Association		Ramco Role - RAMCO OU 💢 🖶 🛱 🗲 구 🗔 🖟										
P	art/Service Details												
	Part	/Service # :35895	Pa	t/Service Description TESTTEST									
		Type Consumable	Category NA-MISC										
G	roup Details												
44	( 1 - 2 / 2 ) → ¥ T T <sub>x</sub>		人口口	X. 🛛 🗏 🗏 💷 🛛 Ali 🔻 🗸 🗸	С								
#	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

*	View Parts/Services			Ramco Role - RAMCO OU ++ + 1 2 3 + ++ 1 /3 74	ē ⊄ ← ? (	¢ K
-	Group Information					_
	Group Code CONSUMA	BLE	Group Description Consumable part	Associated Entity Part		
	Controlled Group Yes		Purpose HSN Code			
	Part/Service Information					
44	4 1 - 3 / 3 → → ▼ ▼ <sub>x</sub>				•	Q
#	Part/Service #	Description		Type		
1	100-01-1187:99999	SHALLOW, 12 POIN SOCKET		Component		
2	YVR756:4373A	APU 3SPD SWT TESTER		Component		
3	YY027BH:35610	OFFSET PULLING HEAD		Component		
View	Part Information	View Service Inf	ormation			_
viev		VIEW SERVICE III	VIIIduvii			

# 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



#### **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

*	D	Purchase Option 9	Settings									23		+	?	
											Date Format	dd-mm-yyyy				
	Purcha	ase Option Settings —														-
			Part Not Map	oed to Supplier	Allow all PO and do not Map Part to Supplier		<b>*</b>									
			Allow Supplier as Manufact	urer Reference	Yes 💌											
			Allow Movement to Differ	ent Warehouse	Allowed 💌											
			Apportion Doc TCDs t	Line Items on	Total Value 🔻											
			Def.Component #	for Inspection	•											
	P	lew option add	Component Maintenance	Program Check	Non-Mandatory 💌											
	C	Category 'Purch	ase Match	ing Type Policy	4-Way 🔻											
			Mandatory Check for Source WC#	in PR /PO/ RO	Not Required	•										
			Calculation of Shelf I	ife Expiry Date	Automatic 💌											
			User Rights for Repair Agenc	Classification	Do not Enforce 💌											
	Additi	onal Purchase Options														
				Category	Purchase Order		r									_
44	4	1 - 5 / 28 🕨 👐				下面の		₿ X4		÷ 00	All		•		1	0
#		Category	rameter	Permitted Val	lue	Value	Status	Erro	or Mes	sage						
1		Purchase Order	djustment of pending Issue/Receipt Qty for	Enter '0' for 'N	Not Allowed' , '1' for 'Allowed'	1	Defined									
2		Purchase Order	Allow modification of taxable amount	Enter '0' for 'N	Not Allowed' , '1' for 'Allowed'	1	Defined									
3		Purchase Order	Allow PO Currency different from Supplier	Enter '0' for 'N	No' , '1' for 'Yes'	1	Defined									
4		Purchase Order	Capital part in Consignment PO	Enter '0' for 'N	Not Allowed' , '1' for 'Allowed'	1	Defined									
5		Purchase Order	Copy PR remarks to PO	Enter '0' for 'F	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

D.	Edit	Part TCD Details											⊐‡		⇒ ←	• ?	6
	O Det	ails															
			Purchase Order	# APO00313317						Ame	endment #						
			Supplier Nan	ne Supplier 2							PO Status Fresh						
F	art D	etails															
			PO Line No	1 🔻 Get Details													
			Part #	:35895	EXPRESS U	J.S.RATE SH	EET				Mfr. Part # :35895						
			Condition	New						P	O Currency USD						
			Cost	150.00							Cost Per 20.00						
			Basic Value	37.50						TCD To	tal Amount						
	CD De	etails															
44	4	1 - 3 / 3 🕨 👐 🕂	- 0 * • •	T Tx							. # # Ⅲ AI	I		T			Q
#		TCD Sequence	TCD # 🔎	TCD Variant #	TCD Type	Basis	Charge Type		Taxable Amount	TCD Rate	TCD Amount	Currency	TCD	Descrip	ntion		
1			CHARGE_FLAT	CHAR_FLAT			Payable	~		20.000		CAD	r -				
2			CHARGE_PER	PER_CHAR			Payable	~		10.000			r				
3			CHARGE_UNIT	UNIT_CHARGE			Payable	~		10.000			r				
4							Payable	~									
									New e	ditable con	itrol						
						_											
							Edit Part TCD De	tails									
Edit D	ocume	nt TCD Details		Edit Inspection Details													

#### 36 | Enhancement Notification



* 🗎 Edit Document TCD Details	≭ 틈 후 ← ? @ @
PO Details	
Purchase Order # APO00313317 Amendme	ent #
Supplier Name Supplier 2 PO St	tatus Fresh
Doc Details	
Basic Value 437.50 PO Curro	rency USD
TCD Total Amount -15.00	
TCD Details	
(4 ← 1 · 1/1 ) → + = □ ★ ひ む Y Y, 人 単 □ ★ ひ む Y Y,	AII 🔻 🔟
# TCD Sequence TCD # P TCD Variant # TCD Type Basis Charge Type Taxable Amount TCD Rate TCD Amount Currency	TCD Description Pay to Supplier #
1 1 DIS_PER DISCOUNT_PER Discount Percentage Payable 🗸 150.00 10.000 -15.00 USD 🗸	Discount Percentage 00000
2 Payable 🗸	
New editable control	
	•
Edit Document TCD Details	
Edit Inspection Details	

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

*	View Part TC	D details									그 틈		? 🗔 🗖
	O Details	P	Purchase Order # POA-000086- Supplier Name ORDNANCE C	2017 ORPS					Amendment # PO Status <b>Fresh</b>				
	Part Details		PO Line No 1 🔻 Get D	etails									
	Part # :35895					EXPRESS U.S.RATE SH EET Mfr. Part # :350							
			Cost 100.00					Cost Per 1.00					
			Basic Value 2,000.00					TCD Total Amount 75.00					
	rCD Details												
44	< <u>1-1/1</u>	₩ T T <sub>x</sub>					۶.		€ # ≠ 00	All	•		Q
#	TCD Sequence	TCD #	TCD Variant #	TCD Type	Basis	Charge Type	Taxable Amount	TCD Rate	TCD Amount	Currency	TCD Descript	ion	
1		1 GST	5	Tax	Percentag	Payable		5.000	75.00	USD	GST - Genera	l Sales Tax	
					New	display fiel	d						
View	Document TCD details						View Inspection Details						

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

	<b>D</b>													
*	View Document	TCD deta	ils								⊐/\$ !		← .	? 🗔 🖪
P	O Details													
		F	Purchase Order # POA-0000	86-2017			Amendment #							
			Supplier Name ORDNANG	E CORPS					PO Status Fre	sh				
	oc Details													
			Basic Value 6,000.00						PO Currency USE	)				
		т	CD Total Amount -400.00											
- <b>-</b> -	CD Details													
44	< <u>1</u> -1/1 > >>	T Tx							<b>₿€</b> # # Ⅲ	All		Ŧ		Q
#	TCD Sequence	TCD #	TCD Variant #	TCD Type	Basis	Charge Type	Taxable Amount	TCD Rate	TCD Amount	Currency	TCD Descrip	otion		Pay
1		1 DIS_PER	DISCOUNT_PER	Discount	Percentag	Payable	4,000	00 10.000	-400.00	USD	Discount Pe	rcentage		0000
	New display field													
	•													•
View I	Inspection Details													



**Ramco Aviation Solution**
## Exhibit 6: Identifies the Taxable Amount field added in Purchase Order Report

	6	2		PURCH	ASE	ORDE	R				
ra	amč	Ċ		RAMCO SY	STE	MS LIN	IITE	ED1			
м	ail Invoices To	2311 Alfr St Laurer Canada I	SYSTE ed-Nob 1t,QC, 14S 2B	MS LIMITED1 el Boulevard, 6			ļ	Purchase O Amendr PO	nder#:A nent#:1 Type:G	PO00336217 Seneral	
	Phone Fax # Website Supplie	: +91 44 2 : +91 44 2 : WWW.R/ r: Supplier	2SMO5 2SMO0 AMCO.( 2	4510 1859 COM			Ti IN & S	HIS NUMBI VOICES, F CORRESF	ER MUS PACKING PONDEN	T APPEAR ON 3 SLIP, PACKA ICE. YSTEMS LIMIT	I ALL AGES ED1
		74 N WA BATTLE UNITED	SHING CREEK STATE	TON, (,MI, S,600113				1,	New Tov	ver, Green Parl	k Road,
Co	ntact Person : Phone : Fax # : E-Mail :	: Sabarı : 12345678 : TEST : 123@GM	9 AIL.CO	M							
SUP1 000	PLIER #	PO DA <sup>*</sup> 14-06-20	TE 17	SHIP BY As per routing guide	Q	JOTATION	#	INCO	TERM	CURRENCY USD	PAY TERM N030D000_00. 0
DON	BUYER	CHAL		E-MAIL		PHO F/	NE: AX:			APPR DOMINIC :	OVED BY SENECHAL
LINE#	PA	RT#	PA	RT DESCRIPTION		DUE DATE	cc	QTY NDITION	UOM	UNIT COST	ITEM TOTAL
1	:35895		EXPRE	SS U.S.RATE SH E	ET 1	3-08-2017		10.00 New	ea	10.00	100.00
				ADDITION	AL CH	IARGES	\$	Ne	ew displa	ay field	
PO Do	cument Lo	evel TCD	)								
S.No	TCD # TCD Descr	iption	ד	CD Variant # ICD Rate		TCD Type TCD Basis		TCD Ar	nount	Taxable	mount
1	VAT-5 VAT-5			VAT-5 5.00		Tax Percentag	e	4.50		4.50	
2	DISCOUN FLAT DIS	IT COUN⊤		DISCOUNT 10.00		Discount Percentag	e	-2.00		-2.00	
					I			-	SUB	TOTAL	2.50
								То	tal Additio	onal 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.
  - o Not Allowed Repair services are not allowed on behalf of customer.

## <u>Customer</u>

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:
  - o Allowed Repair services are allowed on behalf of customer.
  - o Not Allowed Repair services are not allowed on behalf of customer.
- 'Default Numbering Type for Repair Order'
  - o Specify a valid numbering type applicable for Repair Order transaction.
- 'Default Numbering Type for Repair Receipt Transaction Document'
  - o 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.

* 🗎	Purchase Option 9	Settings							7\$	ē (	± 🔶	?	0
Purcl	hase Option Settings —												
		Part Not Map	oed to Supplier	Allow all PO and do not Map Part to Supplier		•							
		Allow Supplier as Manufact	urer Reference	Yes 💌									
		Allow Movement to Differ	ent Warehouse	Allowed 💌									
		Apportion Doc TCDs to	Line Items on	Total Value 💌									
		Def.Component #	for Inspection	<b>v</b>									
		Component Maintenance	Program Check	Non-Mandatory									
		Match	ing Type Policy	4-Way 🔻									
	New option add	led Under ory Check for Source WC#	in PR /PO/ RO	Not Required									
	Category 'Repai	r Order' Calculation of Shelf I	ife Expiry Date	Automatic 💌									
		User Rights for Repair Agenc	Classification	Do not Enforce 💌									
Addit	tional Purchase Options												
			Category	Repair Order		•							_
44 4	11 - 15 / 25 🕨 👐	O G T T.			と同	9 X 2	비 과 부 속 🎟	All		•			Q
#	Category	neter	Permitted Val	ve	Value	Status	Error Message						
11 🗉	Repair Order	e Part Repair Order on a Component part	Enter '0' for 'N	ot Allowed' , '1' for 'Allowed'	1	Defined							
12 🗉	Repair Order	cess pending jobs for Auto RO?	Enter '0' for 'N	o' , '1' for 'Yes' , '2' for 'Draft RO'	1	Defined							
13 🗉	Repair Order	epair Order on behalf of Trading Partner	Enter '0' for 'N	ot Allowed' , '1' for 'Allowed'	1	Defined							
14 🛛	Repair Order	Repair Parts on behalf of Customer	Enter '0' for 'N	ot Allowed' , '1' for 'Allowed'	1	Defined							
15 🖸	Repair Order	Set up RO automatically on Maintenance	Enter '0' for 'N	ot Required' , '1' for 'Owned parts'	1	Defined							
													_
				Set Options									
													_

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

## 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

*	D)	Select Repair Order								7\$	ē (	± +	?	to t
	Direc	t Entry												
		Repair Order	#	Edit RO										
Р	rima	ary Search Criteria Ad	lvanced Search Criteria											
		Action	Edit RO	New combo control		Shop Job Type		•	Status	•				
		Repair Order #	ŧ	'Repair for' in Search		RO Category		•	Buyer Group			•		
		Repair Shop #	ŧ	Criteria		RO Date: From		<b>**</b>	RO Date To		l	Ξ.		
		Part # / Mfr. Part #	£	Chichu		Serial #			Lot #					
		Part Type	•			Part Category	•		Customer #					
		Repair fo	r Self 💌		Ref.	Document Type		$\checkmark$	Ref. Document #	(Demoin)		in al		
			0.16							Repair	for a	na		
			Customer							Trading	Part	ner		-
			Supplier			Search				added i	n mւ	<mark>ultilin</mark>	e	
	Sean	ch Results								<u> </u>	<u> </u>			
										$\square$			_	0
44	4	1 - 10 / 940 > >>	+ D Q Q T T					Y TO X K E X			Ŧ		_	Q
#		Repair Order #	Repair Shop #	Part #	Buyer Gr	oup Status	Re	Reason for Return	Repair for	Trading I	Partner			
1		AFRO-000014-2011	99999	767C0000-01:f1958		Draft			Self					
2		AFRO-000015-2011	99999	767C0000-01:f1958		Draft			Self					
3		AFRO-000016-2011	99999	767C0000-01:f1958		Fresh			Self					
4	E	AFRO-000026-2011	99999	767C0000-01:F1958		Draft			Self					
5	E	AFRO-000027-2011	73030	161T2008-5:81205	AOG DES	K Draft			Self					
6		AFRO-000029-2011	0SEV1	14401-085:29780		Draft			Self					
7	E	AFRO-000033-2011	99999	747768:99167		Draft			Self					
8		AFRO-000042-2011	99999	0-0440-4-0001:36361		Draft			Self					
9	E	AFRO-000046-2011	33805	4-7700-4-0006:36361		Draft			Self					
10	E	AFRO-000047-2011	99999	0-0440-4-0001:36361		Draft			Self					
				4					-					×
			Rev	erse RO					Cancel RO					

Exhibit 4: Identifies the	controls added in Hel	p On Repair Order screen
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Help	on F Searcl Re Dair Sh	Repair Order h Criteria pair Order # op # / Name Repair for Repair for Self Customer	N co ir	lew combo ontrol 'Repair for' n Search Criteria	art #	▼ ▼ Search		▼ ▼ RO Dat	帚 다 ? RO Status e: From / To	
44	•	1 - 10 / 19 Supplier						L 🖶 💷 🗛 All	<b>v</b>	Q
#		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	(Densir for and	
5		AFRO-000005-2011	Closed				20-11-2011	Self	Repair for and	
6		AFRO-000006-2011	Closed				21-11-2011	Self	Trading Partner	
7		AFRO-000007-2011	Authorized				21-11-2011	Self	added in multiline	
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		
		4								Þ

## 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

-Se	arch Criteria —					-B- <del>(</del>	
	Or	Order #	Orderin	ng Point will load	Ex	Order Type All   pense Type Both   ward Cover No	
	Sear	h based on Order Based			<b>=</b>	Date To 28/Apr/2017	
		earch Type Invoice		Search			
Se	arch Results —						
4	1 - 10 / 17	44 <b>) )) T</b>				•	
٦	Crdering Po	nt	Order #	Order Authorized Date	Supplier #	Supplier Name	
	RAMCOOU		POA-000104-2017	20/Apr/2017	00000	Supplier 2	
	RAMCOOU		POA-000097-2017	13/Apr/2017	00000	Supplier 2	
	RAMCOOU		POA-000096-2017	13/Apr/2017	00000	Supplier 2	
	RAMCOOU		POA-000093-2017	05/Apr/2017	0000	TAGSH	
	RAMCOOU		POA-000078-2015	14/Oct/2015	00060	Supplier 6	
	RAMCOOU		POA-000073-2014	16/Jul/2014	00000	Supplier 2	
	RAMCOOU		POA-000063-2011	22/Nov/2011	81205	Supplier 350	
	RAMCOOU		POA-000062-2011	22/Nov/2011	81205	Supplier 350	
			POA-000061-2011	22/Nov/2011	81205	Sumlier 350	
	_ `						,
				ОК			

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.

<b>Exhibit 0</b> . New option settings for regulating account posting	gs
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*	D :	Set Finance Pro	cess Parameters							73			+	<b>?</b> [	0	ĸ
<b></b> 5	earch	<b>Criteria</b> Paramet	er Level Installation Le	vel 🔻 Business Pr	rocess Finance Setup	Ŧ			Catego	Global Param	eters		v			
	earch	Results														
44	•	1 - 2 / 2 > >>	+ 🗗 Y Tx	Brown Brown to	A l				All		•	-		J	5	
# 1		Finance Setup	Global Parameters	Accounting Required for Related Company being Customer	Enter '0' for 'No' and '1' for 'Yes'	value	Not Defined	Error Messa	ige						۰.	
2		Finance Setup	Global Parameters	Accounting Required for Related Company being Supplier	Enter '0' for 'No' and '1' for 'Yes'		Not Defined									
3																
		•												1	۶.	
															-	

# 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.
  - o 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

$\star$		Purchase Option 9	Settings									7		₽ +	?	
											Date Format	dd-mm-yyyy				
-	Purcha	ase Option Settings —														
				Part Not Map	ped to Supplier	Allow all PO and do not Map Part to Supplier		<b>*</b>								
				Allow Supplier as Manufact	urer Reference	Yes 💌										
				Allow Movement to Differ	ent Warehouse	Allowed 💌										
				Apportion Doc TCDs t	Line Items on	Total Value 💌										
	Nev	w option addeo	d Undei	r Def.Component #	for Inspection	<b>•</b>										
	Cat	egory 'Repair (	Order'	Component Maintenance	Program Check	Non-Mandatory 💌										
	Cut	egory nepulie	JIGCI	Match	ing Type Policy	4-Way 💌										
				Mandatory Check for Source WC#	in PR /PO/ RO	Not Required	•									
				Calculation of Shelf	ife Expiry Date	Automatic 💌										
				User Rights for Repair Agenc	Classification	Do not Enforce 🔹										
	Additi	onal Purchase Options						_								
		_			Category	Repair Order										_
44	•	1 - 5 / 25 🕨 👐		Kà Y T <sub>x</sub>			<u>,                                    </u>	3 X 2 (	1 X4	<b>₽ € 00</b>	All		•			Q
#		Category	Ameter	r	Permitted Valu	lue	Value	Status	Error	Message						
1		Repair Order	A ow Cost	t Amendment of Invoiced RO	Enter '0' for 'N	Not Required' , '1' for 'Required'	1	Defined								
2		Repair Order	Allow mod	lification of taxable amount	Enter '0' for 'N	Not Allowed' , '1' for 'Allowed'	1	Defined								
3		Repair Order	Allow Repa	air Shop Shipping Date earlier than	Enter '0' for 'N	No', '1' for 'Yes'	1	Defined								
4		Repair Order	Allow ship	ment of Spares until receipt of	Enter '0' for 'N	No', '1' for 'Yes'	1	Defined								
5		Repair Order	Amendmer	nt of RO when GR is in Received	Enter '0' for 'N	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:

- 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.
- 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.

S.N o	Part Grp	Sup Grp	Doc Typ e	Doc Sub	Wh Grp	Applie d on?	Tax Regio n From	Tax Regio n To	Eff From	Eff To	Orde r of Pref	Тах	Va r
1	PGrp	SGrp	RO	Norma	WhGrp	Doc	TN	AP	17/02/1	20/02/1	3	SGST1	V1
	1	1	no	1	1	Doc		7.4	5	5	5	50511	• •
	PGrp					Doc			17/02/1	20/02/1	1	SGST2	V2
2.	1								5	5	I	50512	٧Z
	PGrp	SGrp				Doc	ΔP	КΔ	17/02/1	20/02/1	4	CGST	V/3
3.	1	1					7.1	101	5	5	т	3	vS
	PGrp	SGrp	RO	Norma	WhGrp	Doc	TN	KΔ	17/02/1	20/02/1	2	SGSTA	VA
4.	2	1	no	I	1		IIN		5	5	2	FICDC	VŦ
	PGrp	SGrp	RO	Norma		Doc	KΔ	TN	17/02/1	20/02/1	6	SGST2	V5
5.	1	1	no	I			101		5	5	0	50512	vS
	PGrp	SGrp	RO	Norma		Doc	TN	TN	17/02/1	20/02/1	5	IGST1	V6
6.	1	1	10	I					5	5	5		vO

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

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.

#### 46 | Enhancement Notification

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



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

*	🗎 View TCD	)						자 들 다 ·	← ? 🗔 🗷
R	epair Order Info								
		Repair Order # AF	RO-000032-2011		RO Date 01-12-2	011	Amendmer	1t # 0	
		Status Qu	uoted		TCD Mode Docume	ent 🔻	Quote Line # / Pa	rt #	•
				New Value 'Quote Lir	Get C	aent			
		TCD Value 44	,324.00	/ Part # will be listed	Pov Quote	Line # / Part #		1	
T	CD Information –						Existing Matl Line #		
44	<li>1 - 3 / 3</li>	► 🕨 T Tx				と同じ	x	<b>v</b>	Q
#	Seq # TO	CD Mode	Quote Line # / Part #	# TCD #	TCD Variant #	TCD Type	Basis	Taxable Amount	TCD Rate
1	1 Do	ocument		ATS	ATS1	Tax	Percentage	28,000.00	
2	2 Qu	uote Line # / Part #		BL	BL	Tax	Percentage	2,000.00	
3	3 Qu	uote Line # / Part #	3/LA50		5	Tax	Percentage	4 920 00	
			New c	olumns 'TCD Mode',			New	v column	
			'Quote	e Line # / Part #			(T	alala Ana aveat/	
	4						Idx		•

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



**Ramco Aviation Solution** 

## <u>TCD</u>

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

_	carc	il criteria				-								
1-1	ax R	ules		Search On	Document Type		•			GO				
4	•	1 - 10 / 25 > >>	+ - (				4	l In	日本民自立		A	AII.	<b>T</b>	
		Supplier Group		Warehouse Group	Account Usage 🔎	Expense Category	Tax Region from		Tax Region to	Applied on?		Tax Code 🔎	Tax Code Desc.	
		GST PARTS VENDOR	*	~		FACILITY MANA		•	~	Part/Line	•	DIS_PER	Discount Percentage	
			~	×		FACILITY MANA	TS	•	AS 🗸	Document	•	HST ON	HST - Ontario	
		GST PARTS VENDOR		•		FACILITY MANA	AD	<b>~</b>	сн 🗸	Document	•	тх	Payable	
		GST PARTS VENDOR	*	•		FACILITY MANA		•	*	Document	•	BL	Input Tax Expense	
		GST PARTS VENDOR	~	×		FACILITY MANA		•	*	Document	•	IM	Recipient -Rev. Chg.	
		GST PARTS VENDOR	~	Evpense	ategory	FACILITY MANA	BH	¥	ст 🗸	Document	¥	IS	Recipient -Expense	
		GST PARTS VENDOR	~	Experises		FACILITY MANA		¥	*	Document	¥	EP	Recipient -Rev. Chg.	
		GST PARTS VENDOR	*	added in	multiline	FACILITY MANA V		*	*	Part/Line	¥	ТХ	Payable	
		GST PARTS VENDOR	~	•		FACILITY MANA		•	*	Part/Line	¥	BL	Input Tax Expense	
		GST PARTS VENDOR	*	•	131000	FACILITY MANA 🗸	AD	*	AR 🗸	Document	×	IS	Recipient -Expense	
		4												
						Save								

## **Repair Order Report**

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

# WHAT'S NEW IN 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

*	Ì	Manage Additional Options			44 4 1 2 3	4 5	• •	1 /205	7\$		+	?	0
	istor efinit aram	customer # 1037 ion For Category Customer Part Usage	Customer Name AVIATION CUSTOMER 2	Customer	Category								
4		1-2/2 > >> + 🗇 Y Y,				÷	All			Ŧ			Q
#		Category	Parameter	Permitted Values		Value	Error M	lessage					
1		Customer Part Usage	Usage of other Customer stocks	Enter '0' for 'Allowed	' , '1' for 'Not Allowed' .	1							
2		Customer Part Usage	Default Stock Status for Customer Stock Replenishment	Enter a valid stock st	atus of Ownership 'Customer'								
3		4	New paramet category 'Cus Customer	er added un tomer Part U	der the Jsage' in								•
			Sa	ave									

#### **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

*	<u></u>	Set Inventory	Process Parameters				7\$ E	; ⇔ + ? ⊡ (
		<b>C 1</b> - 1				Date Format dd-mm-y	yyy	
	earci earch	n Criteria		Category Replenishment		V		
44	•	1 - 5 / 5 🕨 🗰	+ 🗇 🕸 🛪 🕇 🔨		o x E i	) 🍽 🗏 🖷 🔟 Al	<b>•</b>	Q
#		Category	Parameter	Permitted Value	Value	Status	Error Message	
1		Replenishment	Allocated Stock Qty for Replenishment Calculation	Enter '0' for 'Exclude' , '1' for 'Include'	0	Defined		
2		Replenishment	Default "Purpose" for Auto PO generated during Stock	Enter '0' for 'Not Applicable' , Enter a valid 'Purpose' defined for	PO Domestic	Defined		
3		Replenishment	Include Supplier Stock other than 'PBH' during Replenishment?	Enter '0' for 'No' , '1' for 'Yes'	1	Defined		
4		Replenishment	Replenishment of Customer Stock	Enter '0' for 'Not Allowed' , '1' for 'Allowed'	1	Defined		
5		Replenishment	Trigger Replenistent upon Allocation of Parts	Enter '0' for 'No' , '1' for 'Yes'	1	Defined		
6			New option added Under Ca	ategory				
		4	Replenishment in Set Inver	itory				•
			Process Parameters					
				Set Parameters				

## 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



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

*		V	/arehouse Planning Pa	arameter				44 4	1 2 3 4	5 🕨 👐	1 /1276	7\$ F	¢	+	? 🗔	1
	War	ehou	use Information Warehouse # Warehouse Category	0123 Main		Warehouse Des	cription 'Owners	ds 'Trading Partne hip' in Search Crite	er # and eria	Warehouse Type	Normal					
-	Sear	ch C	<b>riteria</b> Part # Part Category Display Option ?	v		Part Des Planni Ov	rription ng Type mership	▼ ▼	Repler	Part Type hishment Activity By Trading Partner #	e			•	] ] ]	
	Stor	age	Allocation Information	T			Search	人口同文反首	6 4 5 1	All		<b>v</b>			<b>۔</b>	
	#		Part #	Planning Horizon (Days)	Transfer From Locat	ion Trans	fer From Warehouse	Transfer Processing Location	Ownership	Trading Partn	ner #	Remark	s -		-	
	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		Now Colum	and the second se	Owned							
	5		CAPITAL PART				New Colum	ins	Customer	400004						
	6		CAPITAL PART		0.00		'Ownership	and 'Trading	Owned							
	7		CAPITALPART		0.00		Partner #' a	dded	Owned							
	8		CUSSTKREPL-01		0.00				Customer	400007						
	9		CUSSTKREPL-02		0.00				Customer	400006						
	10		KIT-ROUND3		0.00 RAMCO OU	0123		RAMCO OU	Owned							
				4											F	
Inq 	uire S w Rep	tock	Availability shment Documents		View Part Supply C	hain Performano	e	In	quire Material Count	t and Location Infor	rmation					

## 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

★ 🗎 Ma	inage St	tock F	Replenishment														2\$ i		⇒ ←	?	Tộ K
Create	Edit /	View																			
Replenishment	t Info																				
	Repl	enishm	ent # 👂 REPL00004	62014					Category			•				Statu	is Fresh				
	Replenis	hmen	Option Manage W	arehouse Pla	nning P	Ŧ			Remarks							User State	IS				•
							_														
Planning Crite	eria				Part De	tails															
Planning Level			Warehouse #		44 4	1 - 2	/ 2 🕩	+ - □	* 0 C T	T <sub>x</sub>	人口		] X4	e #	HI III All			r			Q
Specific Wareh	iouse 1	•	0987	Ŧ	#	Error	Wa	rehouse # 🔎	Part # 🔎	Description		Ownership		Trading I	Partner # 🔎	UOM	Planning Type	Nev	v Planning	ј Туре	Sa
Storage Locatio	n		Planning Type		1		098	7	:35895	EXPRESS U.S	S.RATE SH	Customer	~	438/81		EA	Min-Max			~	
		*		<b>T</b>	2		098	7	:35895	EXPRESS U.S	S.RATE SH	Customer	~	400007		EA	Min-Max			~	
Pln. Parameter	Defined ?		Last Computed Date <	i =	3							Owned	~							~	
Anly. Classifica Part Type	tion	- -	Part Category			New filt Partner	ers 'O #' in F	wnership' a Planning Cri	nd 'Tradin teria	g											
Part Group			Part #	v																	
Ownership		•	:35895 Trading Partner #												New	Colum	ns				
		•								•					'Own	ership'	and 'Trad	lina	_		•
	G	iet Part	Details	3	)			Record / U	pdate					Confirm	Partn	er #' ad	dded				
				-	Summa	ry															
						Total n	o. of Item	5 2		Total no. of I	items for Up	date			Total r	io. of Items	Updated				
					Maintai	n Warehous	e Planning	Parameter		Maintain Part	Planning Inf	formation			Set Reple	nishment P	arameters				
					Inquire View W	Stock Availa	ibility anning Pai	rameter		Inquire Mater	ai Count an ming Inform	d Location Infori	mation		View Part	Supply Cha	in Performance				
					rish n	arenouse i i	uning i u			Them a direction	ining thi thin	ideroni -			Territore	supply cit	and en officience				

# 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 the parts are 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

	D)	Manage Additional Options					2 3	4 5	• •	1 /206 🗊	: 8	₽ ←	?	6
	ustor efinit	ner Info Customer # 1037 ion For	Customer Name A	VIATION CUSTOMER 2	Customer Category									
P	aram	Category	V											
	•	1-8/8 🕨 🗰 🕂 🗖 🕇 🔭			人口		1 x4 #	1 III	All		Ŧ			Q
#	F	Category	Parameter		Permitted Values		Value	Error Mes.	sage			Create	d by	
1	F	Customer Part Usage	Usage of other Customer stocks		Enter '0' for 'Not Allowed' , '1' f	or 'Allowed' .	1					DMUSE	R	
2	1	Customer Stock Valuation	Valuation of Revenue Parts		Specify '0' for 'Not Required' an	d '1' for								
3		Procurement for Customer	Parts purchase on behalf of Customer		Specify '0' for 'Not Required' an	d '1' for								
4	1	Procurement for Customer	Default numbering type for Purchase R	equest	Specify a valid numbering type	applicable for								
5		Procurement for Customer	Default numbering type for Auto Purcha	ase Reque	Specify a valid numbering type	applicable for								
6		Procurement for Customer	Default numbering type for Purchase	Now parameter a	ddad undar tha	ible for								
7	E.	Procurement for Customer	Default numbering type for Goods Inv	New parameter a		able for								
8		Procurement for Customer	Default numbering type for Exchange	category 'Custon	ner Part Usage' in	ible for								
9	1			Customer										
		4												×.
				Sav	/e									

## 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

* [	Ì	Edit Ter	ns of Execution										-	/; !	= 4	± +	?	[(
🗕 Mai	in C	ontract De	tails															F
			Contract # / Rev. # 4	000007EMCF348n10 /	0		Contract Type	Customer Specific				Contract Status	s Approved	l I				
			Contract Category S	LA			Sale Type	F & M				Contract Date	e 01/10/20	06				
			Customer # 4	00007			Customer Name	Customer 8				Currency	y USD					
			Effective from 1	2/11/2011			Effective to	13/11/2011				User Statu:	s					
Ope	erati	onal Paran	eters Permitted W	ork Delays Part	Handling Details Cu	ustomer Sup	plied Parts											
- Pa	rt I	informatio																
		Pref. St	ck Status-Customer	ustomer Owned	•	Pref. S	tock Status-Internal	veos Owned 💌			Custo	mer Specific Parts						
					-				and the		010	411		- 1			0	
	1	1 - 0 /	13 / // + -		Tx	Malua	Value Calested		Auto		d Note		nternal	•	Commo	ute Tet	~	J
#		Catego	y Element	Destription		value	Value Selecteu	Fermittee Values	Auto	nui	u Note		nternal	HOID	comme	nus - mue	Indi	
1		Executio	n Parts Consumption	Parts Supplied by		U	Univ Customer	Enter o for Only Customer , 1 for		× .	-		~					
2		Executio	n Customer Parts	Customer Supplied	Parts	2	Not Applicable	Enter "0" for "Customer Specific Part		¥ .	·		*					
3	1	Executio	n Usage of Internal	Usage of Internal P	arts in case of shortage of	0	Allowed	Enter '0' for 'Allowed' , '1' for 'Not		* '			*					
4	1	Execution	n Customer Parts	Usage of Other Cus	tomer Parts			Enter '0' For 'Allowed' , '1' For 'Not		<b>*</b> '	1		*					
5	E	Executio	n Exchange	Top-assembly Regu	xchanges	1	Not Allowed	Enter "0" for 'Allowed' , "1" for 'Not		<b>*</b>	·		*					
6	E	Executio	n Exchange	Top-assemble	d Exchanges	1	Not Allowed	Enter "0" for 'Allowed' , "1" for 'Not		¥ .			*					
7	E				<u></u>	2	Allowed with Approval	Enter "0" for 'Allowed' , "1" for 'Not	Yes	¥	-	0	Other 🗸					
8	E	New	option added	Under Catego	ory	2	Allowed with Approval	Enter "0" for 'Allowed' , "1" for 'Not	Yes	¥		0	Other 🗸					
		'Exe	ution' in Sale	Contract		4							_					Þ
							Save Dait Hand	ling Details										
							Save Part Hand	ing Details										_

## 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

*	Ē	Demand & Receij	ot p	egging preference acros	s ownership												⊐‡		₽	+	? [	Ø K
	earc	h Criteria																				
		т	radin	g Partner Type/Trading Partner #	Customer	•						Get	Details									
	)ema	nd & Receipt pegging	pre	ference										,								
44	•	1 - 4 / 4 🕨 🕨	+	- 🗇 🛠 T Tx						۶.	L T X	x t	1 224 (	8	÷ III	All		-				Q
#		Trading Partner Type		Demand - Trading Partner # 🔎	Supply - Trading Partner # 🔎	Order of Prefe	erance	Co	onversion Mo	de	Demand	d - Tradi	ing Partn	er Name	Suppl	y - Trading Partner Nar	ne	Rema	arks		Create	d by
1		Customer	•	400007	400093		:	1 Di	rect	~	Custom	er 8			Custo	mer 12					DMUSE	R
2		Customer	•	400093	400096			1 Di	rect	V~	Custom	er 12			Custo	mer 13					DMUSE	R
3		Customer	•	400093	400007			2 Di	rect		Custom	er 12			Custo	mer 8					DMUSE	R
4	E	Custo	•	400007	400016		:	3 Di	rect		stom	er 8			Custo	mer 10					DMUSE	R
5		Custome	~					Di	rect													
		Trading Par	tne							Conv	version	Mo	de – I	Direct								
		Custom an		л турс										Jucci								
		Customer &	0	wned					Ċ	s ini	rougn	Inter	rnai									
					4																	×.
							Save	e														
Set O	ptions																					

## 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.
- 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.

 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.

## 55 | Enhancement Notification

- 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

*	D.	Set Inventory	Process Parameters						7¢	Ē	+	?	5
	iearcl	Criteria					Date Format dd-r	тт-уууу					
	Searcl	Results		Category Stock Demand Management	t		V						
44	•	1 - 5 / 5 🕨 🗰	+ 0 0 0 T T	A	<u>III</u> 😈	X Z		All		-			Q
#		Category	Parameter	Permitted Value	Va	lue	Status	Error	lessage				
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		New par Categor	rameter added under the y 'Stock Demand Management' tics Common Master										•
				Set Parameters									

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 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**

## 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.

## <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:
  - o Required Indicates that revenue parts needs to be valuated for a given customer in the inventory.
  - o Not Required Indicates valuation of revenue parts for the given customer is not required



\star 🗎 Set Inventory Process Parar	neters			7.		⇒ ←	? 🗔 🖪
	Catagory Stock Mainten	Date Format dd/n	ım/yyyy				
Search Results	Category	, and					
(i i -3/3 ) → + □ Ø Ø	1 T T.		All		Ŧ		Q
# 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	hventory Valuation for Supplier Stock	Enter '0' for 'No'	0	Defined			
3 🗉 Stock Maintenance	alue Weighted Avgerate 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							
New parameter added under	r the						
Catagony (Stock Maintenance							
Category Stock Maintenance							
4							•
	Set Parameters						

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

*		Edit User Defined Stock Statı	IS		7\$		t) •	F	?	C.
	stock	Status Identification Details								
		Sto	ck Status	Customer Owned   Get Details  Record Status  Active						
		Stock Status De	escription	Customer Inventory						
	status	Attributes Mapping								
44	•	1 - 12 / 13 🕨 🗰 🕂 🗇 🖗	С Т Т,			v I				Q
#	F	Status Attributes	Mapping							
1	E	Allocable	Yes					~	-	
2		Cycle Counting	Yes					~	•	
3	F	Default	No					~	1	
4		Nettable	No					~	1	
5	F	Ownership-Customer	No					~		
6		Ownership-Internal	No	Valuated set as 'Yes' for				~	•	
7	P	Ownership-Others	No	Customer Owned Stock Statuses				~	•	
8		Ownership-Supplier	Yes					~	1	
9	P	Physical Inventory	No					~	•	
10		Scrap	No					~	· .	
11		Stockable	Yes					~	•	
12		Valuated	Yes					~		
										_
				Edit Stock Status						
Part 1	уре М	apping		Transaction Mapping Status Mapping						_



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

*	D)	Manage Additional Options						⊐7‡		‡ +	?	¢ K
	ustor	ner Info										
		Customer #	Customer Name	Customer	Category							
	efinit	ion For										
		Category	V									
P	aram	eter Details										
44	•	1-8/8 • • + 🗇 T Tx				1 x* #	🗯 💷 🛛 All		T			Q
#	E	Category	Parameter	Permitted Values		Value	Error Message			Create	d by	
1		Customer Part Usage	Usage of other Customer stocks	Enter '0' for 'Not Allo	wed' , '1' for 'Allowed' .							
2		Customer Stock Valuation	Valuation of Revenue Parts	Specify '0' for 'Not Re	quired' and '1' for							
3		Procurement for Customer	Parts purchase on behalf of Customa	Specify '0' for 'Not Re	quired' and '1' for							
4		Procurement for Customer	Default numbering type for Purchase R	Specify a valid number	ering type applicable for							
5		Procurement for Customer	Default numbering type for Auto Purchase	Specify a valid numbe	ering type applicable for							
6		Procurement for Customer	Default numbering type for Purchase Order	Specify a valid numbe	ering type applicable for							
7		Procurement for Customer	Default numbering type for Goods I		applicable for							
8		Procurement for Customer	Default numbering type for Exchange New parameter add	ded in Custom	ner applicable for							
9			for valuation of Rev	enue parts fo	r 🔤							
			the customer									
		4										•
			Sa	ive								

## **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:
  - 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
  - Not Required On behalf purchase is not applicable.

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

★ 🗎 Purchase Option Settings	고 클 다 ← ? 뎒
Allow Movement to Different Warehouse	Allowed 💌
Apportion Doc TCDs to Line Items on	Total Value
Def.Component # for Inspection	V
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 Pr New parameter added under the Category 'Purchase Request'	Purchase Request
# 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 sed 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 Custo	ner PO' Enter '0' for 'Optional', '1' for 'Mandatory' Not
4	,
	Set Options

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

*	D	Manage Additional Options						7			<b>?</b> [	()	
	usto	mer Info											
		Customer #	Customer Name	Customer Category									
	Definit	tion For										-	
_		Category	<b>v</b>										
	aram	neter Details											
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#	E	Category	Parameter	Permitted Values	Value	Error M	Message			Created	w .		
1	E	Customer Part Usage	Usage of other Customer stocks	Enter '0' for 'Not Allowed' , '1' for 'Allowed' .									
2		Customer Stock Valuation	Valuation of Revenue Parts	Specify '0' for 'Not Required' and '1' for									
3	E	Procurement for Customer	Parts purchase on behalf of Customer	Specify '0' for 'Not Required' and '1' for									
4		Procurement for Customer	Default numbering type for Purchase Request	Specify a valid numbering type applicable for									
5		Procurement for Customer	Default numbering type for Auto Purchase	Specify a valid numbering type applicable for									
6		Procurement for Customer	Default numbering type for Purchase Order	Specify a valid numbering type applicable for									
7	E	Procurement for Customer	Default numbering type for Goods Inward Docu	Specify a valid numbering type applicable for									
8	E	Procurement for Customer	Default numbering type for Exchange Issue	Specify a valid numbering type applicable for									
9													
	9 B New set option 'Parts purchase on behalf of Customer												
		4										•	
			Sa	ve									

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

*		Manage Additional Options							7\$		<b>→</b>	?	Č K
	ustor	ner Info Customer #	Customer Name		Customer Cal	tegory							
— Р	aram	Category	•										
44	•	1-8/8 🕨 🕨 🕂 🗇 🝸 🗛					1 X4 🖡	😑 💷 🛛 All		Ŧ		_	Q
#	E	Category	Parameter		Permitted Values		Value	Error Message			Created	by	
1		Customer Part Usage	Usage of other Customer stocks		Enter '0' for 'Not Allowe	d' , '1' for 'Allowed' .							
2		Customer Stock Valuation	Valuation of Revenue Parts		Specify '0' for 'Not Requi	ired' and '1' for							
3		Procurement for Customer	Parts purchase on behalf of Customa		Specify '0' for 'Not Requi	ired' and '1' for							
4	1	Procurement for Customer	Default numbering type for Purchase R		Specify a valid numbering	ng type applicable for							
5	E	Procurement for Customer	Default numbering type for Auto Purchase		Specify a valid numberin	ng type applicable for							
6		Procurement for Customer	Default numbering type for Purchase Order		Specify a valid numberin	ng type applicable for							
7	E	Procurement for Customer	Default numbering type for Goods I			applicable for							
8		Procurement for Customer	Default numbering type for Exchan New	/ parameter add	aed in Custome	applicable for							
9			for v	aluation of Rev	enue parts for								
			the	customer									
		4											•
				Sa	ve								
				58									_

## 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  $\rightarrow$  Finance Book Processing  $\rightarrow$  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  $\rightarrow$  BU Parameter Setup  $\rightarrow$  Set Parameters - Default Cost Center.

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

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

## 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> <i>COST</i></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> <i>COST</i></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> <i>COST</i></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

★ ■ Edit Customer Main Information					Pamo	o Role - RAMCO C	11 24 24			<b>■</b> →	4	2 1	
	y unuser				Name	Eligagen	епстуре			, <sup>(1)</sup> , <sup>(1)</sup>	-	T LS	2
Customer Cated	orv	•				 P	rospect #						^
- Trade Regulatory Compliance													
Last Reviewed D	ate 28/Jan/2016					Valio	l Till Date	04/Feb/2018	Î				
- Address Information													
Address Lir	e 1 2450 SASKATCHEWAN AVE	ENUE LIN				Addr	ess Line 2						
Address Lir	e 3						City	Trichy					
Zip C	de 620001						State	Tamil Nadu					
ISO Countr	/ # CA						Phone	514-422-7239					
Мо	ile						Fax						
E-1	ail ammtrzsr@airindia.in						URL						
- Additional Details										-			- 1
Nature Of Custo	ner Group Company	•					BU	AVBU	Ŧ				
Company C	de AVN	•					Partner ID						
							V	Auto Gen. CO against Intercom	pany R	0			
Nature of Relations	ip 🔽 Part Sale		Service Sale										
	Component Loan		Component Exchange										
- Commercial Information													
Credit Checking	At Total Hierarchy	•				Customer Account	Group 👂	UK					
- Address ID Details													
(4 4 1 - 3 / 3 ) >> + = □ < ∅ <	T Tx				人口日	X 🛛 🗎 🛪	# #	All		•		Q	
# 🗇 Address ID Address Line 1	1	Address Line 2		Address Line 3	3		City			Zip Coo	le		
a market and the second	e dan menantakan di karangan di karang												•

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

	•	anitalii Options for Partner Transactions					⊐/‡	● ₹	t 🔶
Арр	licable	Relations Set Options							
	earch et Op	by Defn, for Company Code v v	Transacting with Company Code	<ul> <li>AVN</li> <li>Search</li> </ul>	▼	Option Category	Related Compa	ny - Custo	omer 🔻
	4	1-6/6 🕨 🕨 + - 🗗 🛠 🍸 🏹		人上の		ali 🗎	T		
#		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	AVNPFB				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									
		4	Save			_			

Process Parameter	Permitted Values	Remarks
Enable Automatic Accounting on	Enter '0' for 'No' and '1' for 'Yes	Based on this option, automatic accounting
behalf of Dest. Company		for the procurement can be enabled in the
(Customer)		destination Company.
Basis of Accounting in Destination	Enter '0' for 'Account Mapping'	If option is set as '0': Accounting
Company (Customer)	and '1' for 'Source Account Code'	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	Enter '1' for 'Yes'	This set option uses the Cost Center (CC)
Analysis for Dest. Company		and Analysis Code of the Source Company
Accounting (Customer)		for accounting in Destination Company.
Default FB for Recording	Enter valid Finance Book defined	User need to provide a valid default Finance
Transactions for Trading Partner	in Destination Company	Book in which the account postings shall be
(Customer)		recorded for the Destination Company
Invoicing for Purchase on behalf	Enter '1' for 'By Dest. Company'	User is allowed to record invoice against
of Dest. Company (Customer)		Purchase Order only in Destination
		Company.
Capex PO on behalf of Dest.	Enter '0' for 'Not Allowed' and '1'	If this option is set as '0': - Transacting
Company (Customer)	for 'Allowed'	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

D	Main	tain Account Mappi	ing across Companie	s						Ramo	o Role - RAMCO OU		? 🗔 🗖
	earch	by											
		Sou	rce Company Code 🔻 🛛	VN 🔻		Destination Company Code	ABCL	•			Unmapped	Accounts	
							Search						
/	ccou	nt Mapping											
44	•	21 - 30 / 143 🕨 🕨	+ - 🛛 🖈 T Tx				<u>ہ</u>		📋 X4	# # III	Source Acct. Currency	▼ USD	× D
#		Source Account Code 🔎	Source Acct. Desc	Source Acct. Currency	Source Acct. Class	Dest. Company		Dest. Partner Id	Dest. Acco	unt.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				
		4											۰.
						Save							
						Save							

## **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

	Searc	h Criteria								, B,	1	F L%	# (
	Jean	Order #			Invoice	Category Purchase Order	T		Order Ty	e All 💌			
		Ordering Point Supplier #	All	*	Ordering I	Point will load			Expense Ty Forward Cov	er No V			
		Search based on	Order Based 🔍	]	all the OU	S			Date	To 28/Apr/2017			
		Search Type	Invoice	L									
<u> </u>	Searc	h Results											
44	•	1 - 10 / 1744 🕨 🕨	T Tx			<u>له ا</u>	U X C İ	# ₩ 00	All	•			
#		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			
0		RAMCOOLI		POA-00061-2011		22/Nov/2011		81205		Supplier 350		•	

# 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 II	ventory F	Revaluation		Now fiel	d Stora				New field 'S	status'	. 42 4	3 🕨 🕨	43 /43 💢 🖶		? 🗆
-In	vento	ory Revaluation	on Details —					JC			added			~			
		Rev	aluation # IF	V-000035			added		Numberin	g Type IRV 🔻		_		Sta	tus Fresh		
		Accou	nt Usage S	TOCK ADJUSTME	INT				Costing	Usage 1100 - El	MC GENER MGR	,	F	Revaluation Ba	isis Supplier Part Pri	ce List	
		Storage	Location Y	ULBAN	•				Wareh	ouse # YULCS	•			Part Ty	/pe	•	
		Revalua	ation Type	alance Sheet and	Stock Revaluati	on	•		Revaluation	Period 01 Jun 20	017 - 30 Jun 2017	•		Current D	ate 18-08-2017		
		Valuatio	on Method 🛛	ctual Cost	•				Valuatio	n Level Warehou	se 🔻						
									Analyze	Revaluation							
Bala	nce	Sheet Revalua	tion Details	Stock Reva	luation Detai	ils				Part Type	and Warehous	e #					
										made non	-Mandatory	(	Currency				
										made non	manaatory						
P	art C	)etails															
-)- P	art C	Details	•••	- T T,								8 C #	te dilo Ali		<b>T</b>		Q
-) - P 44 #	art [	oetails 1 - 10 / 20 Warehouse	D 🕨 🕨	– T Tx Serial #	Part Type	Stock Status	Total Qty	Unit Rate	Supplier #	Supplier Name	L In 🗊 🔽 🕞 Supplier Pricelist		ta III All Current Value	LCM Value	▼ Part Account Group	Stock Correcti	Q ion #
P 44 #	art C	Details 1 - 10 / 20 Warehouse YULCS	0	- <b>T T</b> Serial # 464000B1-0	<i>Part Type</i> Component	Stock Status Aveos Owned	<i>Total Qty</i> 1.00	<i>Unit Rate</i> 42.57	<i>Supplier #</i> 00198	Supplier Name Supplier 9	L In G X G Supplier Pricelist 0.01	Image: Image	Current Value 42.57	LCM Value 0.01	▼ Part Account Group REPAIRABLES	Stock Correction	Q ion #
- P 44 # 1 2	art [	1 - 10 / 20 Warehouse YULCS YULCS	Part # 0-1:09058 0-1:09058	- T T <sub>x</sub> Serial # 464000B1-0 46595F44-5	Part Type Component Component	Stock Status Aveos Owned Aveos Owned	<i>Total Qty</i> 1.00 1.00	<i>Unit Rate</i> 42.57 42.57	Supplier # 00198 001	<i>Supplier Name</i> Supplier 9 Supplier 9	Supplier Pricelist			<i>LCM Value</i> 0.01 0.01	▼ Part Account Group REPAIRABLES REPAIRABLES	Stock Correcti	9 ion #
- P 44 # 1 2 3	art [	1 - 10 / 20 Warehouse YULCS YULCS YULCS	Part # 0-1:09058 0-1:09058 0-1:09058	<ul> <li>▼ ▼.</li> <li>Serial #</li> <li>464000B1-0</li> <li>46595F44-5</li> <li>48EB5D59-E</li> </ul>	Part Type Component Component Component	Stock Status Aveos Owned Aveos Owned Aveos Owned	<i>Total Qty</i> 1.00 1.00 1.00	Unit Rate 42.57 42.57 42.57	Supplier # 00198 001	Supplier Name Supplier 9 Supplier 9 Supplier 9	Supplier Pricelist 0.01 0.01	C      Aarket Rate     0.01     0.01     0.01	■ 010 All Current Value 42.57 42.57 42.57	<i>LCM Value</i> 0.01 0.01 0.01	Part Account Group REPAIRABLES REPAIRABLES REPAIRABLES	Stock Correction	D ion #
- P # 1 2 3 4	art [	1 - 10 / 20 Warehouse YULCS YULCS YULCS YULCS YULCS	Part # 0-1:09058 0-1:09058 0-1:09058 0-1:09058	- T T <sub>x</sub> Serial # 464000B1-0 46595F44-5 48EB5D59-E 49FF7146-A	Part Type Component Component Component	Stock Status Aveos Owned Aveos Owned Aveos Owned Aveos	<i>Total Qty</i> 1.00 1.00 1.00	Unit Rate 42.57 42.57 42.57	Supplier # 00198 001	Supplier Name Supplier 9 Supplier 9 Supplier 9 Supplier 9	Supplier Pricelist 0.01 0.01 0.01 0.01		Image: Current Value         All           Current Value         42.57           42.57         42.57           42.57         42.57	LCM Value 0.01 0.01 0.01 0.01	Part Account Group       REPAIRABLES       REPAIRABLES       REPAIRABLES       REPAIRABLES       REPAIRABLES	Stock Correcti	O ion #
- P # 1 2 3 4 5	art [	1 - 10 / 20 Warehouse YULCS YULCS YULCS YULCS YULCS YULCS	Part # 0-1:09058 0-1:09058 0-1:09058 0-1:09058 0-1:09058	- T T <sub>x</sub> Serial # 464000B1-0 46595F44-5 48EB5D59-E 49FF7146-A 4BC512B2-9	Part Type Component Component Component Component	Stock Status Aveos Owned Aveos Owned Aveos Owned Aveos Owned	<i>Total Qty</i> 1.00 1.00 1.00 <b>w colum</b>	Unit Rate 42.57 42.57 42.57	Supplier # 00198 001	Supplier Name Supplier 9 Supplier 9 Supplier 9 Supplier 9 lier 9	L III I I I I I I Supplier Pricelist 0.01 0.01 0.01 0.01	C      A     Market Rate     0.01     0.01     0.01     0.01     0.01     0.01	★ 010 All Current Value 42.57 42.57 42.57 42.57 42.57 42.57 42.57 42.57	LCM Value 0.01 0.01 0.01 0.01 0.01	Part Account Group REPAIRABLES REPAIRABLES REPAIRABLES REPAIRABLES REPAIRABLES	Stock Correction	D ion #
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++ # 1 2 3 4 5 6 7		1 - 10 / 20 <i>Warehouse</i> YULCS YULCS YULCS YULCS YULCS YULCS YULCS YULCS YULCS	Part # 0-1:09058 0-1:09058 0-1:09058 0-1:09058 0-1:09058 0-1:09058 0-1:09058	<ul> <li>T. T.</li> <li>Serial #</li> <li>46400081-0</li> <li>46595F44-5</li> <li>48E85D59-E</li> <li>49FF7146-A</li> <li>48C51282-9</li> <li>4C2878D9-A</li> <li>4C9E7E03-3</li> </ul>	Part Type Component Component Component Component Component Component	Stock Status Aveos Owned Aveos Owned Aveos Owned Aveos Aveos Aveos Aveos Aveos	Total Qty 1.00 1.00 1.00 w colum Itiline	Unit Rate 42.57 42.57 42.57 10 10 10 10 10 10 10 10 10 10 10 10 10	Supplier # 00198 001	Supplier Name Supplier 9 Supplier 9 Supplier 9 lier 9 lier 9 lier 9 lier 9	Iu         II         II         II         II         II         II         II         II         III         III         IIII         IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Imarket Rate           0.01           0.01           0.01           0.01           0.01           0.01           0.01           0.01           0.01           0.01           0.01           0.01           0.01           0.01           0.01	Image         Image         All           Current Value         42.57           42.57         42.57           42.57         42.57           42.57         42.57           42.57         42.57           42.57         42.57           42.57         42.57           42.57         42.57	LCM Value 0.01 0.01 0.01 0.01 0.01 0.01	Part Account Group REPAIRABLES REPAIRABLES REPAIRABLES REPAIRABLES REPAIRABLES REPAIRABLES	Stock Correction	ion #
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## Exhibit 2: Identifies the controls added in Edit / View Inventory Revaluation screen

*	D	Select Revaluation		r			ᆧ 톱 다 수 ? 🗔 🗷
	Searc	h Criteria	Revaluation # Storage Location Stock Correction #		New fields Storage Location added in Search Criteria	Status Warehouse # Voucher #	·
-	Searc	h Details	Revaluation Period 01 Apr 2017 - 30 Apr	r 2017 💌	Search		New field Status added
44	•	1 - 5 / 15 🕨 🗰 🝸 🟹					
#		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	New column St	atus added		
		4		in multiline			+
# 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:
  - o 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

*	D,	Set Inventory	Process Parameters								Ē	<b>⊢</b> 1	20	ā
							Date	Format dd-	mm-yyyy					
	earch earch	ı Criteria		Category Stock Transfer				•						
44	4	1 - 5 / 5 🕨 🗰	+ 🗇 🗘 T T,		人山	g x R	₫ X <sup>4</sup>	<b>₽ ₽ 00</b>	All		Ŧ		_	Q
#		Category	Parameter	Permitted Value		Value	Status		1	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 Taxa e Amount?	Enter '0' for 'Not Required' , '1' for 'Required'		1	Defined							
3		Stock Transfer	Default Transfer Type for Se Controlled Parts	Enter '0' for 'General' , '1' for 'Specific'		1	Defined							
4		Stock Transfer	Stock availability check for Store of Store Stor	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	6 December 2010													
														×.
		Set Parameters												

#### 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 recomputes 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.

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	) M	lanage Ta	x for Invente	ory	Transactions											24	: 🗗	+
-	)-Do	cument Det	tails															
	Document Type Stock Transfer Receipt   Document #  Document #  STI-000002-2011  Get View Document																	
Do	cume	nt Status Co	nfirmed		Tax Applicability	Sales								Doc. Am	ount			
	Ref. D	oc. Type Sto x Details —	ock Transfer Order		Ref. Doc. #	AST-0	00002-2011							Total Tax Am	ount			
Ī	-	1 - 1 /	1 🕨 🗰 🕂	-	🗇 🗲 T Tx					А		1 x4 C	Щ.	all 🔟		T		Q
	#	🗆 Line #	Tax Applied On	?	Line # / Part #		Tax # 🔎	Tax Variant # 🔎	Taxable Amount	Tax Rate	Tax Amount	Currency		Remarks	Mfr. Part #	Part Descri	otion	
1	L		Part/Line	~	1/25-70129-1:35895	*						CAD	~		25-70129-1	DOCUMENT	POUCH	
1	2	[!!		~		*						CAD	~					
																		۰.
			Compute					s	ave	Confirm				Print	t 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

★					73	Ē		?	
Chart of Accounts ID AVEOS  Account Definition Details	Des	cription Aveos COA			Status Active				
📢 📢 [No records to display] 🕨 🕨 🛨 🗖 🌾	о с т т,			I III All	I	Ŧ			Q
# Control Account Type	Automatic Posting Account Type	Effective Period Fr	rom	Effective Period To		Conso	lidation A	Account	Code
1 🗖 🗸 🗸		<b>v</b>							
۲ Upload A	CAPITAL ADJUSTMENT - OTHERS CAPITAL ADJUSTMENT - RESOURCES CHARGE SUSPENSE CLAIMS RECEIVABLE COSS SUSPENSE CONSIGNMENT SIT CUSTOMER EXCHANGE SUSPENSE CUSTOMER PENDING BILLBACK CUSTOMER SUSPENSE EXCHANGE RUSPENSE EXCHANGE SUSPENSE EXCHANGE SUSPENSE FRIED ASSET SUSPENSE FREIGHT CONTROL GAIN ON SALE OF ASSET GST ADJUSTMENT		GST Stock Transfer Stock-In Transit	r- Account Co	de				•
Assign Analysis Code	GST Stock Transfer- Stock-In Transit	A CONTRACTOR	Map Norm	al / Allocation Cost El	ements				

#### **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]

#### 77 | Enhancement Notification

Assuming Tax rate @ 18%

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

Chilling

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)

CHINE

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]

## 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.

# 80 | Enhancement Notification



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

*	<u> </u>	Set Inventory Process Para	meters						23		± 🗲	? [	
-	- Search Criteria				nm/yyyy								
	- Search Results		Category S	Stock Maintenand	ce		T						
44	4	1 - 3 / 3 🕨 🗰 🕂 🗇 🕸	Q T T.				# # W	All		•			Q
#	F	Category	Parameter		Permitt	ted Value		Value	Status			Error I	Mess.
1	E	Stock Maintenance	Inventory Valuation for Customer stock	E	Enter 'O	0' for 'No' , '1' for 'Yes'		1	Defined				
2	E	Stock Maintenance	Inventory Valuation for Supplier Stock		Enter '(	0' for 'No'		0	Defined				
3	E	Stock Maintenance	Value Weighted Avgerate Parts based on the last Wt. Avg. Rate when the Part is no	ot available in E	Enter 'O	0' for 'Not Allowed' , '1' for 'Allow	ved'	0	Defined				
4	A New parameter added under the Category 'Stock Maintenance'												
		•											•
			Set Paran	meters									

# 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

*	È) e	dit Pref	erred Serial /	/ Lot Information							7\$ <b>e</b>	ţ	+	? 🛙		
M	ateria	al Request	t Details													
Material Request # MR-000188-2012						MR Type U	Inplanned	Status Draft								
	Warehouse # WH-TESTING					Warehouse Description V	Varehouse E2E Testi	ng	MR Class General							
Line # 4 V 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	Stock Status Aveos Owned									
		1 - 1 / 1	> > + -	- 0 + o o T T			Å	• • • × • • • •	# 🖷 💷 🔺		Ŧ			Q		
#		Seq #	Serial # 🔎	Lot # 🔎	Manufacturer Lot #	Component #	Available in V	Warehouse	Qty.	Expiry Date		Conditi	on			
1			1	LOT-001008-2012	LOT-9-K-9-MUI				1.00			New				
2																
Edit Serial / Lot Information																
View Consumption & Range Parameters View Part Certificate History																
Edit Stock Issue Confir					Confirm Stock	Issue										

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

\star 🗎 Edit Stora	ge Informa	tion											7\$			+	?	
- Issue Information	Issue # MIS-000039-2011 Description Ban FSL Location					Status Fresh Warehouse					Warehouse #	YULFS101						
P. Storage Information	Line # Total Issue Qty Stock Status art Control Type	1 T 10.00 Aveos Owned None Controlled	Get	: Details	Ρ	Part # Transaction UOM referred Condition Part Type	2N2222:35895 ea Consumable				Re	Part Description Stock UOM quirement Type	NPN MED GE EA Normal	IN AMP	TRANS	ISTOR		
(4) 4 1 - 1 / 1	) )) ± ·	-0***	T T <sub>x</sub>					人口の	J X C 🗎 🛛 (	<b>1</b>	<b>H</b>	All		Ŧ				Q
# 🗆 WH - Zone #	Bin # 🔎	Serial # 🔎	Lot # 👂 Manufacturer Lot #		Issue	Issue Part Condition		Qty.	Available Qty	Qty Expiry Date		Trading Partner Type						
1 🗉 TECH	00A01A3		L					10.00		968.00								
2																		
				4														ŀ
Convert Issue Status to Fresh Edit Storage Information																		
Inquire Stock Availability		Confirm Issue						Confirm Direct / Unplanned Issue										

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