# RAMCO AVIATION SOLUTION ENHANCEMENT NOTIFICATION Version 5.8.3

**Materials** 

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# ramco

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# 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 Pure	chase Order					24 🖽 🖬 🖬 🗸	+
	n						
_	Purchase Order #		Status		Numbering Typ	e PO 🔻	
	PO Date 16/06/2017	1001 1001	PO Category	<b>•</b>	User Stat	us T	
PO Details	Supplementary Details						
PO Details	Supprementary Second						
	DO Turno General	×	Evenence Type	Devenue T	Resoint Recording Option	GP Movement	
	PO Type General		Alerent Dare # O	Kevenue +	Comparent # 0	GK Plovement +	
	PO Priority A1 +		Anciait Reg # 🌮	N		All —	
	Buyer Group		Quality Attribute Check	NO V	Part Type	All	
	Subcontract		Purpose	•			
_	Remarks						
Purchase for 8	& Expense Details						
	Purchase for Self		Pur. for Trading Partner # 👂		G0 Trading Partner Name		
	PO & Inv. Org.	'Subcontract' chock	Expense to	T		Billable to Customer?	
Supplier Detai	ils						
		added in Create PO	/ Edit PO /				
	Supplier # 👂 001234	Amend PO / PR Base	d PO Supplier Name	Acrobat	Contact Person 👂		
	PO Currency CAD 🔻		Address ID 👂	1	Address		
PO Value							-
	PO Basic Value		Base Currency Value		PO Additional Charges		
	PO Total Value		Evchange Pate		i o Additional charges		
_	10 local value		Exchange Rate				
+ EDI Details							
+ Default Entrie	s						
-Part Details -							
						-	0
		Durden Ohr	Durahasa UOM O	Cash Dan		Calculate Trace	~
# Part #	Part Description	Order Qty.		Cost Per Dasic Value	Condition Certificate Type	Schedule Type	
1 C AS3208	-	5.00	AM 10.00		New 🗸 8130-3	✓ Single	
2					*	✓ Single	
							•
Get Part Details							
			Create Pu	urchase Order			
Edit Terms & Conditi	ions	Ed	it Schedule & Distribution		Edit Part TCD Details		
Edit Document TCD [	Details	Ed	it Inspection Details		Edit Dropship Details		
Edit PO-PR Coverage	• <u>'Manage S</u>	Spares for Ed	it User Defined Details		Edit References		
Upload Documents	Subcontra	act PO' link added	it Purchase Order		Edit Supplier Part Mapping		
Authorize Purchase (	Order Subcontro	Ge	nerate PO Report		Maintain Supplier Correspondence		
manage Spares for S	Subcontract PO						
View Part Supplier M	1apping	Vi	ew Supplier Part Mapping		View Part Price History		
View Associated Doc	c. Attachments	Vi	ew Part / Service wise Rating		View Supplier Rating		
View Part Supply Cha	ain Performance						

#### 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

	Ма	nage Spares for Subc	ontract PO												7\$		⇒ ≮	. ?	Ľ\$
		Purchase Order # 🗜	AP00032831	17	Go		Ameno	iment # 0 🔻					5	Status Short Close	d				
-	PO D	)etails																	
		PO Date	09-06-2017					PO Type General					F	Priority NRM					
		Buyer Group	)				c	Category					User	Status					
		Supplier #	00000				Suppli	er Name Supplier 2					Purchase fo	r Info. Self					
-	Spar	re Part Details																	
		Line # / PO Part #	# All lines #		•		Get BOM												
44		1 - 4 / 4 🕨 🗰 +	- 0 % T	T <sub>x</sub>					人口回		<u>≣</u> ∞ C	₽ ₩	III All			r			Q
#	E	Line # / PO Part #		PO Part Desc.	Order Qty.	UOM	Spare Part # 🔎	Spare Part Desc.	Qty.	UOM	Stock Status	Pre	f.Serial # 🔎	Pref. Lot # 🔎	I	ssue W	н# Р		
1	E	3 1/3-1435-3:M14451	*	DHC-8 MAIN	1.00	ea	110714A-L10-20-14	110714A-L10-20-14	2.00	EA	Accepted	*		LOT-007051-2014	+ O	123			
2	1	1/3-1435-3:M14451	*	DHC-8 MAIN	1.00	ea	Z342:1CH55-B	Z342:1CH55-B	1.00	EA	Accepted	*		LOT-007050-2014	0	123			
3	1	2/3-1435-3:M14453	<b>v</b>	DHC-8 MAIN	2.00	ea	V-EXP-LOT-AC-REV-	V-EXP-LOT-AC-REV-	2.00	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	1.00	EA	Accepted	*		LOT-007050-2014	0	123			
5	1		*																
								P	ost PO a	uthori	zation, sp	ares							
						Sna	are parts	j c	an be ad	ded a	nd release	ed for							
		Select PO Lir	ne #			Jpa	are parts	<s< td=""><td>hippina a</td><td>direct</td><td>v</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>•</td></s<>	hippina a	direct	v								•
_									111 3		<b>,</b>								
					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' dropdown 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.

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

*	) (	Select Purchase Order													-	/\$	4	+	?	Ľ	Тф (К
	arch	Criteria								Date	Form	at dd	l/mm/yyy	у							
_		PO Location	RAMCO OU 🔻						Receipt	War	ehou	se		-							
		Purchase Order #								P	O Tv	e 🖪	xchange		<b>r</b>						
		PO From Date								PO 1	To Da	te E	xchange	1	i i						
		Supplier #							Su	pplie	r Nar	ne									
		Part #							Parl	Des	cripti	n									
		Core Status	<b>V</b>						Ai	rcraft	t Rea	#									
				Search																	
	arch	Results																			
44 4		1 - 10 / 173 🕨 🕨 🕂 🗇 🝸 🔭			Ъ	<u>III</u> 5	X	X	₿ x	) (	Щ. (4		All			Ŧ				Q	
#	٦	PO Location		P0 #		РО Тур	е					PO	Date		Supplie	#					
1		RAMCO OU		APO00009112		Exchan	ge					07/	01/2012		FAP92						
2	•	RAMCO OU		APO00009212		Exchan	ge					09/	01/2012		00198						
3		RAMCO OU		APO00043412		Exchan	ge					02/	03/2012		00198						
4		RAMCO OU		APO00046412		Exchan	ge					07/	03/2012		00198						
5		RAMCO OU		APO00047212		Exchan	ge					09/	03/2012		00198						
6		RAMCO OU		APO00047312		Exchan	ge					09/	03/2012		00198						
7		RAMCO OU		APO00047412		Exchan	ge					09/	03/2012		00198						
8		RAMCO OU		APO00047512		Exchan	ge					09/	03/2012		00198						
9		RAMCO OU		AP000047612		Exchan	ge					09/	03/2012		00198						

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

D)	Mai	age Spares Usage De	tails									23	: = c +	?	Q K
	Ref. I	Ref. Doc. Type Purchase	e Order 🔻	Ref. Doc	# 👂 APO00328	3317	Go		Ref. Doc. Date	09-06-2017		Ref. Doc. Status	Short Closed		
	Spar	Ref. Doc. Sub Type General		Sup	plier # 00000				Supplier Name	Supplier 2		Priority	NRM		
	Line	# / Ref. Doc. Part # All lines	#												
44	4	1 - 4 / 4 > >> +	- 🗗 🛠 T Tx						人口日		▶ # # 10 All		T		Q
#		Line #/ Ref. Doc. Part #	Ref. Doc. Part Desc.	Issued Part #	Issued Serial #	Issued Lot #	Issued Qty	UOM	Used Qty	Reconciled Qty	Return Warehouse # 🔎	Remarks	Pend. Return Qty	- 1	Returnea
1	E	1/3-1435-3:M14451	DHC-8 MAIN WHEEL	110714A-L10-		LOT-007051-	2.00	EA	2.00				0	.00	
2	E	1/3-1435-3:M14451	DHC-8 MAIN WHEEL	Z342:1CH55-B		LOT-007050-	1.00	EA			0123		1	.00	
3	E	2/3-1435-3:M14453	DHC-8 MAIN WHEEL	V-EXP-LOT-AC-		LOT-007087-	2.00	EA	2.00				0	.00	
4	E	2/3-1435-3:M14453	DHC-8 MAIN WHEEL	Z342:1CH55-B		LOT-007050-	1.00	EA		1.00	0123		0	.00	
5	1														
					4										Þ
Vie	r Ref.	Document		Save				Confirm F	teconcilation						

#### **Document Numbering Class:**

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

#### User Defined Stock Status:

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

#### Logistic Common Masters:

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

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

# Goods Inward:

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

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

# Ability to manage accounting for Subcontract Manufacturing through PO

Reference: AHBG-7655

# Background

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

# **Change Details**

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

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

#### Account posting for subcontracted parts

Example 1: Costing of Subcontract PO with spares shipment.

#### Step 1: Subcontract PO

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

### Step 2: Spares to be shipped for Subcontract PO

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

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

### Step 3: Spares Usage Details for Subcontract PO

Purchase Order	PO Part #	Spare Part #	Issued	Used Qty	Pending Return
			Qty		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

Account	Amount in \$	Amount in \$
	Part 1: 0-0001-368-106	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 Account Amount in \$											
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 Manufa	actured Part	
Account	Amount in \$	Amount in \$
Account	Part 1: 0-0001-368-106	Part 2: 0-0050845-2
Inventory a/c Dr. (Total Cost)	250	300
Stock Suspense a/c Cr. (Total Cost)	250	300

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

# Ability to 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

# Ability to 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

$\star$	D	Purchase Option §	Settings								73	F	- ?	6
										Date Format	dd-mm-yyyy			
	Purcha	se Option Settings —												
_			Part Not Map	oed to Supplier	Allow all PO and do not Map Part to Supplier		r							
			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>									
	Ν	lew option add	ded Under Component Maintenance	Program Check	Non-Mandatory 💌									
	C	ategory 'Purch	Iase 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							
-	•	1 - 5 / 28 🕨 🕨				人口の			# # W	All		•		Q
#		Category	rameter	Permitted Valu	le	Value	Status	Error Me	essage					
1		Purchase Order	djustment of pending Issue/Receipt Qty for	Enter '0' for 'N	ot Allowed' , '1' for 'Allowed'	1	Defined							
2		Purchase Order	Allow modification of taxable amount	Enter '0' for 'N	ot Allowed' , '1' for 'Allowed'	1	Defined							
3		Purchase Order	Allow PO Currency different from Supplier	Enter '0' for 'N	o' , '1' for 'Yes'	1	Defined							
4		Purchase Order	Capital part in Consignment PO	Enter '0' for 'N	ot Allowed' , '1' for 'Allowed'	1	Defined							
5		Purchase Order	Copy PR remarks to PO	Enter '0' for 'R	equired' , '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												7\$	8	₽ 4	- 3		7
	PO De	tails																	
			Purchase Order	# APO00313317						Ame	endment #								
			Supplier Nar	ne Supplier 2							PO Status Fresh	'n							
	Part D	etails																	
			PO Line No	1 V Get Details															
			Part #	-35805	EVDDESS I	IS DATE SH	FFT				Mfr Dart # •358	205							
			Condition	New	EXTRESS	SISHATE ST				D	O Currency USD								
			Condition	150.00						P	o currency 050								
			Cost	150.00							Cost Per 20.0	0							
_			Basic Value	37.50						TCD To	tal Amount								
	ICDD	etails																	
44	4	1 - 3 / 3 🕨 🕨 +	- 0 % • •	T Tx					と同日の	C 🛛 🗎 😒 🔮	# # Ⅲ	All			•			Q	1
#		TCD Sequence	TCD # 🔎	TCD Variant #	TCD Type	Basis	Charge Type		Taxable Amount	TCD Rate	TCD Amount		Currency	TC	D Descri	ption			
1			CHARGE_FLAT	CHAR_FLAT			Payable	*		20.000		<b>`</b>	CAD	~					
2			CHARGE_PER	PER_CHAR			Payable	~		10.000				~					
3			CHARGE_UNIT	UNIT_CHARGE			Payable	~		10.000				~					
4							Payable	~						~					
										<u> </u>									
									New e	ditable con	trol								
							Edit Part TCD De	tails											
Edit (	Docume	ent TCD Details		Edit Inspection Details															

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

*	D	Edit Documen	nt TCD Detail	s											7\$	Ē	÷	?	
-	PO De	tails																	
			Pu	urchase Order # APC	000313317							Amendme	ent #						
_				Supplier Name Sup	oplier 2							PO St	atus Fres	h					
-	Doc D	etails																	
				Basic Value 437	7.50							PO Curr	ency USD						
_			TC	D Total Amount -15	.00														
	TCD D	etails																	
44	4	1 - 1 / 1 > >	• + - 0	* © © T T.						人口日	X C 🗎 :	si C 🖡	÷ III	All		Ŧ			Q
#		TCD Sequence	TCD # 🔎	TCD Variant #	TCD Type	Basis	Charge Type		Taxable Amount	TCD Rate	TCD Amount	Currency	TCD Des	cription	Pay to Supp	lier #			
1		1	DIS_PER	DISCOUNT_PER	Discount	Percentage	Payable	~	150.00	10.000	-15.00	USD 🗸	Discount	Percentage	00000				
2							Payable	*				*							
									New	editable co	ontrol								
		4																	•
							-	Edit I	Document TCD Deta	ils									
_								_									 		
Edit	Inspect	ion Details																	

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

*	View Part TCD de	etails										⊐/‡		≓ ←	?	
	20 Details	F	Purchase Order # POA-000086-2 Supplier Name ORDNANCE CO	017 DRPS					Amendment # PO Status	Fresh						
	art Details		PO Line No 1 Get Del Part # :35895 Condition New Cost 100.00	tails	EXPRESS U.S.F	RATE SH EET			Mfr. Part # PO Currency Cost Per	35895 JSD 1.00						
	TCD Details		Basic Value 2,000.00					TC	D Total Amount	75.00						
44	< 1 - 1 / 1 > >>	T Tx					А		e # # #	II A	All		Ŧ			Q
#	TCD Sequence	TCD #	TCD Variant #	TCD Type	Basis	Charge Type	Taxable Amount	TCD Rate	TCD Amount		Currency	TCD D	Descript	ion		
1	1	GST	5	Tax	Percentag	Payable	<u> </u>	5.000		75.00	USD	GST -	Genera	Sales Ta	x	
					New	display field										
View	Document TCD details					Vi	ew Inspection Details									

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

* 🛙	View Documen	t TCD det	ails											7.	; ₽		+	?	¢ K
РО	Details																		
			Purchase Order # POA-000086	-2017						Amer	idment #								
			Supplier Name ORDNANCE	CORPS						F	O Status	Free	sh						
Doo	c Details																		
			Basic Value 6,000.00							PO	Currency	USD	)						
			TCD Total Amount -400.00																
	D Details																		
	1 -1/1 >>>>	T Tx						J.		<b>e</b>	甲目		All		Ŧ				Q
#	TCD Sequence	TCD #	TCD Variant #	TCD Type	Basis	Charge Type	Taxable Amoun	nt	TCD Rate	TCD Am	ount		Currency	TCD D	escription	n			Pay
1		1 DIS_PER	DISCOUNT_PER	Discount	Percentag	Payable	4,0	00.00	10.000		-4(	00.00	USD	Discou	int Percer	ntage			0000
									lou field										
	4						New	aisp	nay neid			_							
																			,
View Ins	spection Details																		

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

	(	2		PURCH	ASE	0	RDEE	,							
ra	amc			RAMCO SY	STE			` TE	D1						
		5			0.2										
M	lail Invoices To	2311 Alfr	SYSTE ed-Nob	MS LIMITED1 el Boulevard,				F	Purchase Or Amendrr	nder#:Al nent#:1	PO00336217				
		St Laurer Canada I	nt,QC, H4S 2B	6					PO	Type : G	eneral				
								TH		ER MUS		ALL			
	Phone East #	: +91 44 2	2SMO5	4510				8 (	CORRESP	ONDEN	ICE.	GES			
	Fax # Website	: +91 44 2		01859 COM											
	Supplie		2					s	hip To: RA	MCO SY		ED1			
	Subble	74 N WA	2 SHING	TON,					1, I	New Tov	ver, Green Parl	Road,			
		BATTLE UNITED	CREEK STATE	(,MI, S,600113											
	Contact Berran - Sabari														
Co	Contact Person : Sabari Phone : 123456789														
	Findle: 129450789 Fax #: TEST E-Mail: 123@GMAIL.COM														
SUP	SUPPLIER #         PO DATE         SHIP BY         QUOTATION #         INCO TERM         CURRENCY         PAY TERM           00000         14.06-2017         As per routing quide         USD         N020D000_00														
000	SUPPLIER #         PO DATE         SHIP BY         QUOTATION #         INCO TERM         CURRENCY         PAY TERM           00000         14-06-2017         As per routing guide         USD         N030D000_00.         0														
	BUYER			E-MAIL			PHONE				APPRO	OVED BY			
DON	AINIC SENE	CHAL					FAX	e			DOMINIC	SENECHAL			
LINE#	PA	RT#	PA	RT DESCRIPTION		DU	E DATE	со	QTY NDITION	UOM	UNIT COST	ITEM TOTAL			
1	1 :35895		EXPRE	SS U.S.RATE SH E	ET 1	18-08	3-2017		10.00 New	ea	10.00	100.00			
											C L L				
				ADDITION	AL CI	HAI	RGES		INE	ew aispi					
PO Do	cument L	evel TCD	)												
S.No	TCD #		г	CD Variant #		TC	D Туре		TCD An	nount	Taxable A	mount			
	TCD Descr	iption	1	TCD Rate		тс	D Basis								
1	VAT-5			VAT-5		Та	x		4.50		4.50				
	VAT-5			5.00		Pe	rcentage								
2	DISCOUN	т		DISCOUNT		Dis	scount		-2.00		-2 00				
	FLAT DIS	COUNT		10.00		Pe	rcentage		2.00		2.00				
							-								
										SUB	TOTAL	2.50			
									То	tal Additic	onal Charnes	2.50			
									10			2.00			

# 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'
  - o 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.

* [	Ì I	Purchase Option 9	Settings							7\$		⊢ ?	6
Pi	rcha	se Option Settings —											
			Part Not Map	ped to Supplier	Allow all PO and do not Map Part to Supplier		r						
			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	<b>_</b>								
			Component Maintenance	Program Check	Non-Mandatory 💌								
			Match	ing Type Policy	4-Way 💌								
	Γ	lew option add	ded Under ory Check for Source WC#	in PR /PO/ RO	Not Required	•							
	C	lategory 'Repai	r Order' Calculation of Shelf I	ife Expiry Date	Automatic 💌								
_			User Rights for Repair Agenc	y Classification	Do not Enforce 💌								
A	Iditio	onal Purchase Options		C-1	Dennis Order		-						
	-			Category	Repair Order								
44 4		11 - 15 / 25 🕨 👐	O O T T.			と目	JXZ		All		•		Q
#		Category	neter	Permitted Val	ie	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



*	D	Manage Additional Options		44 4 1 2 3	4 5	• •	3 /207	z; (		+	?	To K			
	Custo	mer Info													
		Customer # 438781	Customer Name Customer 163	Customer Category											
-	Defini	tion For													
	Category Repair For Customer  Parameter Details														
44	4	1 - 4 / 4 → → + □ T T <sub>x</sub>		▶ 느 및 곳 문 首 ☆ 뿌	+	All			•			Q			
#		Category	Parameter	Permitted Values	Value	Error	Message								
1		Repair For Customer	Parts Repair on behalf of Customer	Specify '0' for 'Not Allowed' and '1' for 'Allowed'.	1										
2		Repair For Customer	Default Numbering Type for Repair Order	Specify a valid numbering type applicable for Repair Order	ROBE										
3		Repair For Customer	Default Numbering Type for Repair Receipt Transaction Amount	Specify a valid numbering type applicable for Goods Inward	RORPT										
4		Repair For Customer	Default Numbering Type for Repair Order Issue	Specify a valid numbering type applicable for Repair Order	ROISS										
5															
	New parameter added under the category 'Repair For Customer'														
				-											
				Save											

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

$\star$	D	Select Repair Order								Z\$ !		+	?	0
-	Direct	t Entry												
		Repair Order #	£	Edit RO										
	rima	ry Search Criteria Adv	ranced Search Criteria											
		Action	Edit RO	New combo control		Shop Job Type		T	Status	•				
		Repair Order #		'Repair for' in Search		RO Category		•	Buyer Group			•		
		Repair Shop #		Criteria		RO Date: From			RO Date To			1		
		Part # / Mfr. Part #		Chiena		Serial #			Lot #					
		Part Type	•			Part Category	•		Customer #					
		Repair for	Self 🔹		Ref	Document Type		•	Ref. Document #	(Demoin f				
			Calf							Repair I	or an	a		
_			Customer							Trading	Partn	er		F
			Supplier			Search				added ir	<mark>n mul</mark>	tiline		
	Searc	h Results								7 /				
44	4	1 - 10 / 940 > >>	+ 0 0 C T T						I I II All 🖌		<b>v</b>			Q
#		Repair Order #	Repair Shop #	Part #	Buyer G	oup Status	Re	Reason for Return	Repair for	Trading P	artner			
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		AFRO-000026-2011	99999	767C0000-01:F1958		Draft			Self					
5		AFRO-000027-2011	73030	161T2008-5:81205	AOG DE	K Draft			Self					
6		AFRO-000029-2011	0SEV1	14401-085:29780		Draft			Self					
7		AFRO-000033-2011	99999	747768:99167		Draft			Self					
8		AFRO-000042-2011	99999	0-0440-4-0001:36361		Draft			Self					
9		AFRO-000046-2011	33805	4-7700-4-0006:36361		Draft			Self					
10		AFRO-000047-2011	99999	0-0440-4-0001:36361		Draft			Self					
				4										×.
			Reve	erse RO					Cancel RO					

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

Help Rep	on I earcl Re air Sh earcl	Repair Order	N cc ir	ew combo ontrol 'Repair for' Search Criteria	art #	▼ ▼ Search		<ul> <li>RO Statu</li> <li>RO Date: From / T</li> </ul>	
44	•	1 - 10 / 19 Supplier T_x						ali 🖬	Q <b>v</b>
#		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	(Depair for and
5		AFRO-000005-2011	Closed				20-11-2011	Self	Repair for and
6		AFRO-000006-2011	Closed				21-11-2011	Self	Irading 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							•
						ОК			

#### 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

6		Order				e d	3 [9
3	eard	:h Criteria					
		Order #		ten in Gitanne Durchara Order 🔍 🔻		Order Type All	
		Ordering Point All	Orde	ering Point will load	E	xpense Type Both 💌	
		Supplier #	all th	he OUs	FC	orward Cover No 🔻	
		Search based on Order Bas	ied 🔻			Date To 28/Apr/2017	曲
		Search Type Invoice		Search			
S	iean	th Results					
Ī	•	1 - 10 / 1744 + ++ ¥ ¥,				•	
	Ð	Ordering Point	Order #	Order Authorized Date	Supplier #	Supplier Name	
	10	RAMCOOU	POA-000104-2017	20/Apr/2017	00000	Supplier 2	
	E	RAMCOOU	POA-000097-2017	13/Apr/2017	00000	Supplier 2	- 1
	E	RAMCOOU	POA-000096-2017	13/Apr/2017	00000	Supplier 2	
	D	RAMCOOU	POA-000093-2017	05/Apr/2017	0000	TAGSH	_
	12	RAMCOOU	POA-000078-2015	14/Oct/2015	00060	Supplier 6	
	D	RAMCOOU	POA-000073-2014	16/Jul/2014	00000	Supplier 2	
	E	RAMCOOU	POA-000063-2011	22/Nov/2011	81205	Supplier 350	
	1.	RAMCOOU	POA-000062-2011	22/Nov/2011	81205	Supplier 350	
	1	RAMCOOLI	PDA-000061-2011	22/Nov/2011	R1205	Sumilier 350	-
	1.00						

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

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

Exhibit 6: New of	option	settings	for rec	gulating	account	postings
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$\star$	D	Set Finance Pro	cess Parameters							7\$	F	¢	+ 3	)	ĸ
-	Searc	h Criteria Paramete	er Level Installation Lev	el 🔻 Business Pro	cess Finance Setup	¥			Category	Global Paramet	ters		Ŧ		-
-	Searc	h Results													
44	•	1 - 2 / 2 🕨 🕨	+ 🗇 🝸 Tx		入 血			₽ ₽ 00	All		•			Q	
#		Business Process	Category	Process Parameter	Permitted Value	Value	Status	Error Messag	e						
1		Finance Setup	Global Parameters	Accounting Required for Related Company being Customer	Enter '0' for 'No' and '1' for 'Yes'		Not Defined								
2		Finance Setup	Global Parameters	Accounting Required for Related Company being Supplier	Enter '0' for 'No' and '1' for 'Yes'		Not Defined								
3															
		4												Þ	
															*

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

Reference: AHBG-14228

# Background

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

# **Change Details**

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

#### Logistics Common Master

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

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

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

*		Purchase Option §	Setting	s											23		+	? [	
														Date Format	dd-mm-yyyy				
	Purcha	ase Option Settings —																	
					Part Not Mapp	ed to Supplier	Allow all PO a	nd do not Map Part to Supplier		r									
				A	llow Supplier as Manufactu	irer Reference	Yes 💌												
					Allow Movement to Differe	nt Warehouse	Allowed	•											
					Apportion Doc TCDs to	Line Items on	Total Value	•											
	Nev	w option added	d Und	er	Def.Component #	for Inspection	T												
	Cat	egory 'Repair (	)rder'		Component Maintenance F	Program Check	Non-Mandator	y 🔻											
	Cut	egory nepulie	Juci		Matchi	ng Type Policy	4-Way 🔻												
				Mandat	ory Check for Source WC#	in PR /PO/ RO	Not Required		•										
				/	Calculation of Shelf Li	fe Expiry Date	Automatic	•											
				Use	er Rights for Repair Agency	Classification	Do not Enforce	<b>T</b>											
	Additio	onal Purchase Options	\ /			Category	Repair Order			r									
44	4	1 - 5 / 25 🕨 🕨		o o T	T,				人面包		ti xi	П.	÷ III	All		<b>T</b>		\$	2
#	0	Category	Ame	ter		Permitted Valu	e		Value	Status	Erro	or Mess	age						1
1		Repair Order	A ow C	ost Amendm	ent of Invoiced RO	Enter '0' for 'Ne	ot Required' , '1'	for 'Required'	1	Defined									1
2		Repair Order	Allow m	odification o	of taxable amount	Enter '0' for 'Ne	ot Allowed' , '1'	for 'Allowed'	1	Defined									
3		Repair Order	Allow R	epair Shop Sl	hipping Date earlier than	Enter '0' for 'Ne	o' , '1' for 'Yes'		1	Defined									
4		Repair Order	Allow sh	hipment of Sp	pares until receipt of	Enter '0' for 'No	o' , '1' for 'Yes'		1	Defined									
5		Repair Order	Amenda	ment of RO w	when GR is in Received	Enter '0' for 'Ne	o' , '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.
  - ( BURNE

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

#### TCD Difference Amount Calculation Logic

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

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

# Tax Inheritance Logic at line level

Based on TCD Code, Tax Region from, Tax Region to and other parameters like Part Group, Supplier Group, Warehouse Group, Document Type and Document Sub Type, Tax Inheritance happens at line level. Example: Consider that tax rules are defined as per the below table.

S.No	Part Grp	Sup Grp	Doc Type	Doc Sub	Wh Grp	Applied on?	Tax Region From	Tax Region To	Eff From	Eff To	Order of Pref	Тах	Var
1.	PGrp1	SGrp1	RO	Normal	WhGrp1	Doc	TN	AP	17/02/15	20/02/15	3	SGST1	V1
2.	PGrp1					Doc			17/02/15	20/02/15	1	SGST2	V2
3.	PGrp1	SGrp1				Doc	AP	KA	17/02/15	20/02/15	4	CGST3	V3
4.	PGrp2	SGrp1	RO	Normal	WhGrp1	Doc	TN	KA	17/02/15	20/02/15	2	SGST4	V4
5.	PGrp1	SGrp1	RO	Normal		Doc	KA	TN	17/02/15	20/02/15	6	SGST2	V5
6.	PGrp1	SGrp1	RO	Normal		Doc	TN	TN	17/02/15	20/02/15	5	IGST1	V6

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

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





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

* [	View T	CD						자 를 다 🗲	? 🗔 🖪
R	epair Order Iı	nfo							
		Repair Order # 🖌	AFRO-000032-2011		RO Date 01-12-2	2011	Amend	lment # 0	
		Status (	Quoted		TCD Mode Docum	rent 🔻	Quote Line # ,	/ Part #	
				New Value 'Quote L	ine # Get C				
		TCD Value 4	14,324.00	/ Part # will be listed		nent line # / Part #			
T(	CD Informatio	n			auto	Ene # / Fare #	Existing Matl Line #		
44 4	1 - 3 /	3 🕨 🕨 🝸 🔭		_			· · · · · · · · · · · · · · · ·	<b>•</b>	Q
#	Seq #	TCD Mode	Quote Line # / Part #	# TCD #	TCD Variant #	TCD Type	Basis	Taxable Amount To	CD Rate
1	1	Document		ATS	ATS1	Tax	Percentage	28,000.00	
2	2	Quote Line # / Part #		BL	BL	Tax	Percentage	2,000.00	
3	3	Quote Line # / Part #	3/LA50		5	Tax	Percentage	4 020 00	
			New c	olumns 'TCD Mode',			N	ew column	
			'Quote	e Line # / Part #			· · · · · · · · · · · · · · · · · · ·	'avable Amount'	
	•								۱.

Exhibit 4: Identifies the changes in Manage Repair Quote screen

Μ	lanage Repa	Quote										쟈 🖬 🖶 !	<b>⇒ </b>	) [
lepa	ir Order # 👂	FRO-000032-2011	Go	Amend. # 0	T		RO Date	01-12-2011	Quote	Status Complete		RO Status Qu	ioted	
RO	Details					View Reference Doc.	Details	Repair Shop De	tails					
		Priority		Shop	Јор Туре	Piece Part		Repair Shop	# P W0087		Repair S	hop Name Supplier 6	51	
	Quo	e Basis Manual		Expe	ense Type	Revenue		Cur	rency USD	•	Exch	ange Rate 1.500000	10	
	RO Ca	egory CS-REPAI	R 🔻		RO Type	Normal	•	Contact Pers	on P OV01 - CARESSA	(OV) 972-314-; View	Price Held Firm Ti	me (Days)		
	Exchan	е Туре	•	Core Retu	rn Option	No Change Allowed	•							
	Repair Classi	ication	•	Us	er Status	HM CSM Re-Quote	•							
Re	Total BER Cost	0.00	Total Salvage Cost O.O Part & Warranty Detai		tal Cost 31	166.00	Base Curre	ncy Value <b>31789.32</b>	Total TCD Amount	56.00	Total TCD Amount (B	ase Currency)		
44	<ul> <li>1 - 10 /</li> </ul>	14 <b>&gt; &gt;</b> +	- 0 % T Tx					人山	5 x C 🗎 × C		All	-		Q
#	🗆 Line / P	rt #	Description	RO Qty	UOM	Quote Qty	Repair Cost	t Exch	ange Cost	List Price	BER?	SER Cost	s	alva
1	1/LA5D10	500HM0100:F6 🗸	POWER SUPPLY CARD	5.00	EA	5.00		2,000.00		10,996	.09			
	1/LA5D10	500HM0100:F6 🗸	POWER SUPPLY CARD	5.00	EA	5.00		2,000.00		10,996	.09 🖾	Two new til	es adde	Н
2		500HM0100:E6	POWER SUPPLY CARD	5.00	EA	5.00		2,000.00		10,996	.09 📼	i wo new til	cs aude	4
2 3	1/LA5D10													

#### <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

) <b>-s</b>	eard	ı Criteria														
				Search (	Document Type		T		-			GO				
-T	ax R	iles														
Ι	•	1 - 10 / 25 🕨 👐 🔸	+ - 0	] <b>≁ T T</b>					Ы		É ا	2 C I I I II		All	•	
		Supplier Group		Warehouse Group	Account Usage 🖇	p	Expense Category	Tax Region fro	m	Tax Region to		Applied on?		Tax Code 🔎	Tax Code Desc.	
		GST PARTS VENDOR	~		*		FACILITY MANA		~		×	Part/Line	~	DIS_PER	Discount Percentage	
			*		*		FACILITY MANA V	TS	×	AS	×	Document	×	HST ON	HST - Ontario	
		GST PARTS VENDOR	~		~		FACILITY MANA	AD	~	СН	×	Document	×	TX	Payable	
		GST PARTS VENDOR	~		× /	/	FACILITY MANA V		~		•	Document	~	BL	Input Tax Expense	
		GST PARTS VENDOR	~		<u></u>	<u> </u>	FACILITY MANA		~		•	Document	~	IM	Recipient -Rev. Chg.	
		GST PARTS VENDOR	~	Expens	e Category		FACILITY MANA V	BH	•	CT	•	Document	~	15	Recipient -Expense	
		GST PARTS VENDOR	~	Experts			FACILITY MANA		~		~	Document	~	EP	Recipient -Rev. Chg.	
		GST PARTS VENDOR	~	added	in multiline		FACILITY MANA V		~		•	Part/Line	~	TX	Payable	
		GST PARTS VENDOR	~		*		FACILITY MANA V		~		*	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

$\star$		Manage Additional Options		4 4 1 2 3	4 5	• •	1 /205 🗐	-	?	Ø .
-	Custor	ner Info								
		Customer # IO37	Customer Name AVIATION CUSTOMER 2	Customer Category						
-	Definit	ion For								
		Category Customer Part Usage	<b>T</b>							
-	Param	eter Details								
44	4	1 - 2 / 2 🕨 🍽 🕂 🗗 🝸 🔭			10 H	All		Ŧ		Q
#		Category	Parameter	Permitted Values	Value	Error	Message			
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 status of Ownership 'Customer'						
3										
		4	New paramet category 'Cus Customer	ter added under the stomer Part Usage' in						Þ
			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

*	D)	Set Inventory	Process Parameters				24 등 다 수 3	
		h Cuitearia				Date Format dd-mm-yyyy		
	Searc	h Results		Category Replenishment		V		
44	4	1 - 5 / 5 🕨 🗰	+ 0 0 0 T T.		x 🛛 🗈	1 😒 👎 🖶 💷 🗛	<b>v</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 Replenish ent upon Allocation of Parts	Enter '0' for 'No' , '1' for 'Yes'	1	Defined		
6		4	New option added Under Ca 'Replenishment' in Set Inven Process Parameters	tory Set Parameters				Þ

### 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

*	Ĵ	w	arehouse Planning Pa	rame	ter			_		44 4 1	2 3 4	5 > >> 1 /127			+	? 🗔
- Wa	reh	ious	se Information Warehouse # Warehouse Category	0123 Main		Wa	arehouse [	Description	New fiel 'Owners	ds 'Trading Partne hip' in Search Crite	r # and eria	Warehouse Type Normal				
- Sea	rcl	i Cr	iteria													
			Part #				Part D	Description				Part Type				
			Part Category		•		Pla	nning Type		•	Repleni	shment Activity By				L
			Display Option ?		•			Ownership		•		Trading Partner #				Î.
								Search								-
- Sto	rad	ie A	location Information					ocarci								
		_		-												
44	4	L	1 - 10 / 35 + ++ T	Tx							€ # ≒ 11	All	<b>.</b>			Q
#		8	Part #		Planning Horizon (Days)	Transfer From Location	Tra	nsfer From Wa	arehouse	Transfer Processing Location	Ownership	Trading Partner #	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			Ne	w Colum	ins	Owned					
5			CAPITAL PART							( ) ( <del>,</del> ) (	Customer	400004				
6			CAPITAL PART		0.00			Ϋ́Ον	vnership	and Irading	Owned					
7			CAPITALPART		0.00			Pai	'tner #' a	dded	Owned					
8			CUSSTKREPL-01		0.00						Customer	400007				
9			CUSSTKREPL-02		0.00						Customer	400006				
10			KIT-ROUND3		0.00	RAMCO OU	012	13		RAMCO OU	Owned					
					4											۱.
Inquire	Sto	ck A	vailability			View Part Supply Chair	n Performa	ance		Inc	quire Material Count	and Location Information				
View Re	ple	nish	nment Documents													

#### **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

★ 🔋 Manage Stock Replenishment									7\$ E		• ?	۵ ۲
Create 🖲 Edit / View												
Replenishment Info												
Replenishment # P REPL0000462014			Category		•			Statu	is Fresh			
Replenishment Option Manage Warehouse	Planning P 💌		Remarks				U	ser Statu	IS			•
		-										
Planning Criteria	Part Details											
Planning Level Warehouse #	44 4 1 - 2 / 2	> > +	* 0 0 T	K A		x C I -	All		•			Q
Specific Warehouse V 0987 V	# 🖾 Error	Warehouse # 🔎	Part # 🔎	Description	Ownership	Trading P	artner # 🔎	UOM	Planning Type	New Planni	ng Type	Sa
Storage Location Planning Type	1 🗆	0987	:35895	EXPRESS U.S.RATE	SH Customer	✓ 438/81		EA	Min-Max		~	
<b>•</b>	2	0987	:35895	EXPRESS U.S.RATE	SH Customer	✓ 400007		EA	Min-Max		~	
Pln. Parameter Defined ? Last Computed Date <=	3				Owned	*					~	
Aniy. Classification	New filter	s 'Ownership' an	nd 'Tradin	g								
Part Time Part Category	Partner #'	in Planning Crite	eria									
								<b>\</b>				
Part Group Part #												
35895												
Ownership Trading Partner #							New Co	olumi	ns			
▼				4			(Ownor	chin'	and (Tradi	ng		+
							Owner	sinp		ing		
Get Part Details		Record / Un	date			Confirm	Partner	r#'ac	ded			
	Europa au	necora / op	uutu									
	Total no. of	Itoms 2		Total no. of Itoms	or Undata		Total no	of Thomas	Undated			
	Maintain Warehouse Pla	inning Parameter		Maintain Part Planni	ng Information		Set Replenis	hment P	arameters			
	Inquire Stock Availabilit	у		Inquire Material Cou	int and Location Inform	nation						
	View Warehouse Planni	ng Parameter		View Part Planning J	information		View Part Su	ipply Cha	in Performance			

# WHAT'S NEW IN STOCK MANAGEMENT?

# Ability to use other customer parts across ownership

Reference: AHBG-13872

# Background

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

#### **Change Details**

#### **Customer**

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

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

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

	I)	Manage Additional Options					1 2 3	4 5	• •	1 /206	x 🖶	ţ	<del>(</del>	? [	
	iustoi Definit	mer Info Customer # 1037 tion For	Customer Name A	VIATION CUSTOMER 2	Customer Categor	у									
	aran	Category	V												_
	4	1-8/8 🕨 🕨 🕂 🗇 🝸 Tx			人口			4 🖲 💷	All		Ŧ				Q
#		Category	Parameter		Permitted Values		Value	Error M	lessage			Cre	ated by	<i>(</i>	
1	E	Customer Part Usage	Usage of other Customer stocks		Enter '0' for 'Not Allowed' , '1	for 'Allowed' .	1					DM	USER		
2	E	Customer Stock Valuation	Valuation of Revenue Parts		Specify '0' for 'Not Required' a	and '1' for									
3		Procurement for Customer	Parts purchase on behalf of Customer		Specify '0' for 'Not Required' a	and '1' for									
4	E	Procurement for Customer	Default numbering type for Purchase R	equest	Specify a valid numbering typ	e applicable for									
5	E	Procurement for Customer	Default numbering type for Auto Purcha	ase Reque	Specify a valid numbering typ	e applicable for									
6	E	Procurement for Customer	Default numbering type for Purchase	Neuropeneter	a al al a al una al a u tela a	ible for									
7	E	Procurement for Customer	Default numbering type for Goods Inv	New parameter a	added under the	able for									
8		Procurement for Customer	Default numbering type for Exchange	category 'Custon	ner Part Usage' in	ble for									
9	E			Customer											
		•													•
				Ca	ve										
				24	ve										

#### 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

k 🛛	) E	Edit Terms	of Execution										:	<b>7</b>		+	? [
) Mai	n Co	ntract Detail	s														
		Co	ntract # / Rev. # 40	00007EMCF348n10 /	0		Contract Type	Customer Specific				Contract Statu	s Approve	d			
		C	ontract Category SL	A			Sale Type	& M				Contract Date	e 01/10/20	006			
			Customer # 40	0007			Customer Name	Customer 8				Currenc	y USD				
			Effective from 12	/11/2011			Effective to 1	3/11/2011				User Statu	S				
Ope	ratio	nal Parameter	rs Permitted Wo	rk Delays Part	Handling Details Cu	ustomer Sup	plied Parts										
Pa	rt In	formation															_
		Pref Stock	tatus-Customer	stomer Owned	•	Prof	tock Status-Internal	veos Owned			Custom	er Specific Parts					
		TTCT: SLOCK S	catas castonici ou	stomer office		Tierre	Rock Status Internal				Custom	or specific raits					_
44	•	1 - 8 / 13	<b>&gt; &gt;&gt; + -</b>		Tx				24 C	₩ #I		All		•			Q
#	P	Category	Element	Description		Value	Value Selected	Permitted Values	Auto	Hold	Note	Hold I	nternal	Hold C	omments	- Interr	nal
1	E	Execution	Parts Consumption	Parts Supplied by		0	Only Customer	Enter '0' for 'Only Customer' , '1' for	~	×			*				
2	Ľ	Execution	Customer Parts	Customer Supplied	Parts	2	Not Applicable	Enter "0" for 'Customer Specific Part	*	~			*				
3		Execution	Usage of Internal	Usage of Internal F	arts in case of shortage of	0	Allowed	Enter '0' for 'Allowed' , '1' for 'Not	~				~				
4	P	Execution	Customer Parts	Usage of Other Cu	tomer Parts			Enter '0' For 'Allowed' , '1' For 'Not	*	~			*				
5	E	Execution	Exchange	Top-assembly Reg	xchanges	1	Not Allowed	Enter "0" for 'Allowed' , "1" for 'Not	~				~				
6		Execution	Exchange	Top-assemi	d Exchanges	1	Not Allowed	Enter "0" for 'Allowed' , "1" for 'Not	*	~			*				
7	R				<u></u>	2	Allowed with Approval	Enter "0" for 'Allowed' , "1" for 'Not	Yes 🗸			0	Other 🗸				
8	Ē	New o	otion added	Under Categ	ory	2	Allowed with Approval	Enter "0" for 'Allowed' , "1" for 'Not	Yes 🗸			(	Other 🗸				
		'Execut	ion' in Sale C	ontract		4											
							Crue Dark Used	line Dataile									
							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

*		Demand & Receip	t pegging preference acros	s ownership					23		← ? ⊡ ⊾
	)ema	Tra nd & Receipt pegging	ading Partner Type/Trading Partner # preference	Customer	T			Get Details			
44	4	1 - 4 / 4 🕨 🕨	+ - 0 % T T.				人山	5 X Z 🗎 🛛 C 🖡	😑 💷 🛛 All	•	Q
#		Trading Partner Type	Demand - Trading Partner # 🔎	Supply - Trading Partner # 🔎	Order of Preferance	Conversio	n Mode	Demand - Trading Partner Name	Supply - Trading Partner Name	Remarks	Created by
1		Customer	✓ 400007	400093	1	Direct	<b>v</b> (	Customer 8	Customer 12	•	DMUSER
2		Customer	✓ 400093	400096	1	Direct	\~ (	Customer 12	Customer 13		DMUSER
3		Customer	✓ 400093	400007	2	Direct		Customer 12	Customer 8		DMUSER
4		Custo	✓ 400007	400016	3	Direct		stomer 8	Customer 10		DMUSER
5		Custome	v			Direct					
		Trading Part Customer &	ner Type – Owned				Conver & Thro	rsion Mode – Direct ugh Internal			
				4							•
					Save						
Set C	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.

1. Allocate the Requested Parts with the Requested Ownership and Stock Status. Allocate Alternate Parts or Stock status based on demand and receipt pegging preferences set in **Set options** activity in **Stock** 

**Demand Management** business component, when Requested Part is not available.

- 2. Allocate the Internal Parts, when the Sale Contract says consider the Internal stocks when the Customer Parts are not available.
- 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.	: 8	÷	?[	
							Dat	e Format dd-	mm-yyyy					
	earci earcl	n Criteria		Category Stock Demand Manager	ient			T						
4	•	1 - 5 / 5 🕨 🗰	+ 🗇 O O T T,		人口	g x E	₿ X4	# # W	All		-			Q
#		Category	Parameter	Permitted Value		Value	Status			Error Message				
1		Stock Demand	Default Need Date: From	Enter no. of days to be considered prior to the current dat	e	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 M	۲.	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 In Logist	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 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.
  - o 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								:	7\$		≓ ←	?	Tø P
								Date F	ormat dd-	mm-уууу						
	earcl	I Criteria			Charle Transfer				-							
	iearcl	Results		Category	SLOCK Transfer				v							
••	•	1 - 5 / 5 🕨 🕨	+ 🗇 🕸 🛪 🔻 🔨			人山	5 x c	ti x² i		All			Ŧ			Q
#		Category	Parameter	Permitted Value			Value	Status			Error Messag	е				
1		Stock Transfer	Allow Modification of Taxable Amount?	Enter '0' for 'Not Required' , '1' fo	or 'Required'		1	Defined								
2		Stock Transfer	Allow Modification of Taxable Amount?	Enter '0' for 'Not Required' , '1' fo	or 'Required'		1	Defined								
3		Stock Transfer	Default Transfer Type for Se Controlled Parts	Enter '0' for 'General' , '1' for 'Spe	ecific'		1	Defined								
4		Stock Transfer	Stock availability check for Stock availability check for Stock	Enter '0' for 'Not Required' , '1' fo	or 'Required'		0	Defined								
5		Stock Transfer	Tax Inheritance	Enter '0' for 'Not Required' , '1' fo	or 'Required'		1	Defined								
6																
			New options added Un	der												
			Category 'Stock Transfe	r'												
		4														×.
				Set Pa	rameters											

#### Stock Maintenance

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

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

#### Tax Amount Calculation Logic (Compute)

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

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

#### TCD Difference Amount Calculation Logic (Confirm)

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

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

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

#### Auto Tax Inheritance Logic

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

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

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

Ð	Mar	nage Ta	x for Invent	ory	Transactions												J¢		+
-	Docu	ment De	tails																
	Doc	ument Ty	pe Stock Transfe	er Re	ceipt 💌 De	ocument	# 🔎 STI-000	002-2011	Get	View Docum	ent								
Doc	ument S	tatus Co	nfirmed		Tax Applicability	Sales									Doc. Am	ount			
R	ef. Doc.	Type St	ock Transfer Orde	r	Ref. Doc. #	AST-0	00002-2011								Total Tax Am	ount			
	-Tax D	etails —																	
44	4	1 - 1	1 🕨 🕂 🕂	-	0 % T Tx					А.		1 x C	Щ.	÷ III	All		Ŧ		Q
#		Line #	Tax Applied On	?	Line # / Part #		Tax # 🔎	Tax Variant # 🔎	Taxable Amount	Tax Rate	Tax Amount	Currency		Remarks		Mfr. Part #	Part Descrip	tion	
1			Part/Line	~	1/25-70129-1:35895	*						CAD	~			25-70129-1	DOCUMENT	POUCH	1
2				~		*						CAD	~						
							(												×.
			Compute					Sa	ave	Confirm					Print	Tax invoice			

<sup>-</sup> Andrews

# Ability to enable GST Accounting in Stock Transfer transaction

Reference: AHBG-14377

# Background

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

# **Change Details**

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

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



#### **Account Postings for Tax**

#### **Confirm Issue**

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

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

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

Assuming Tax rate @ 18%

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

Canada

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)

Channe

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:

**During Stock Receipt** 

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

Cr. GST-ST-SIT	1,800	
	1,000	

#### Modified Taxable amount from 10,000 to 8,000

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

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

# ramco

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