## RAMCO AVIATION SOLUTION ENHANCEMENT NOTIFICATION Version 5.8.4

**Materials** 

©2017 Ramco Systems Ltd. All rights reserved. All trademarks acknowledged

©2017 Ramco Systems Ltd. All rights reserved. All trademarks acknowledged.

This document is published by **Ramco Systems Ltd.** without any warranty. No part of this document may be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose without the written permission of **Ramco Systems Limited.** 

Improvements and changes to this text necessitated by typographical errors, inaccuracies of current information or improvements to software programs and/or equipment, may be made by Ramco Systems Limited, at any time and without notice. Such changes will, however, be incorporated into new editions of this document. Any hard copies of this document are to be regarded as temporary reference copies only.

The documentation has been provided for the entire Aviation solution, although only a part of the entire solution may be deployed at the customer site, in accordance with the license agreement between the customer and Ramco Systems Limited. Therefore, the documentation made available to the customer may refer to features that are not present in the solution purchased / deployed at the customer site.

## contents

WHAT'S NEW IN STOCK MANAGEMENT?5
Inventory Operations Hub5
Background    5      Change Details    5
Ability to manage MOD details at Part # - Serial # and visibility of MOD
information in Inquire Stock Availability26
Background
Change Details
Ability to view Part Serial Name Plate using Smart Popup30
Background
Change Details
Ability to review previous history of shipment of part using smart popup35
Background
Change Details
Ability to compute inventory revaluation across warehouses and part types38
Background
Change Details
Ability to display annual consumption details for kit constituents parts41
Background41
Change Details41
Ability to display Mfr. Lot # along with Internal Lot # for traceability in
transactions (Phase-2)42
Background42
Change Details
WHAT'S NEW IN WARRANTY MANAGEMENT? 46
Ability to Setup MRO Warranty Agreement46
Background
Change Details
Ability to manage parts under MRO Warranty51
Background
Change Details

## ramco

### WHAT'S NEW IN PURCHASE ORDER AND REPAIR ORDER?. 53

View Approval History in Authorize and View PO	53
Background	53
Change Details	53
View Approval History in Authorize and View RO	55
Background	
Change Details	55
Ability to manage taxes in Repair Order at RO Quote line level	and support
Indian GST	57
Background	
Change Details	57
WHAT'S NEW IN LOAN ORDER?	62
Ability to Loan parts on behalf of Customer	62
Background	62
Change Details	62
WHAT'S NEW IN RENTAL ORDER?	76
Ability to Rent out parts on behalf of Customer	76
Background	76
Change Details	76
WHAT'S NEW IN PROCUREMENT MANAGEMENT?	
Ability to Configure Printer for FeDEX label printing	93
Background	
Change Details	93
WHAT'S NEW IN STOCK MANAGEMENT REPORTS?	
Ability to display an Overdue Sub-Assembly in Shelf Life Expiry / I	Maintenance
Due List Report	95
Background	
Change Details	

## WHAT'S NEW IN STOCK MANAGEMENT?

## **Inventory Operations Hub**

Reference: AHBG-10653

#### Background

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

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

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

#### **Change Details**

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

#### **MANAGE SCREEN DEFAULTS & PREFERENCES**

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

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

i. <u>Preference For</u>

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

- Set Preference For
- Role
- User Interface
- User Name
- ii. Defaults & User Preference

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

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

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

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

D	Manage Screen Defaults & Prefere	ences						<b></b>		+	? [	Ø K
	reference for											
	Set Pro	eference for DMUSER	<b>V</b>	Role RamcoRole								
	Us	er Interface BasInvOps				User Name Data	Migration User					
	efaults & User Preference											
44	<ul> <li>4 1 - 5 / 5 → → + ▼ ▼.</li> </ul>			<u>له الم</u>	XZİ	x4 🕸 🛱 🔟	All		Ŧ		_	Q
#	Defaults & Preference	Mandatory?	Permitted Value	Value	Status	Error Message						
1	MR Priority 1	No	Priority Other than "AOG"	low	Defined							
2	MR Priority 2	No	Priority Other than "AOG"	Normal	Defined							
3	Inventory Management Tree View	No	Enter '1' for 'Part Type - Classification', '2' for 'Part Category'	1	Defined							
4	Default Alert Days	No	Enter No. of Days to be considered for Alerts when it is not defined	0	Defined							
5	Lead Time to Ship Exchange Core	No	Lead Time (In Days)	1	Defined							
6												
			Save									

#### **INVENTORY OPERATIONS HUB**

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

#### 1. My Area & Easy Launch Panel

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

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



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

Inventory Operation	ns Hub																				7\$		← ?
Ro My Area W	/arehouse -	10973							/			🛃 Easy	Launch	Creat	e 🔘 Edit /	View Red	eipt		•			G	io
Inv. Overdue & Alerts		C Ex	ema	al Re	ceiving			C	Issues & Retu	urns		Q	Tran	sfer			e						
All 10		Goo	ds R	tecei	ipt 3			Repai	ir Receipt 6		с	ustomer GR 0			Loan Re	ceipt 1			Rental R	eceipt 0			
Warehouse View	Go	ALL								Ŧ					Close	d	0	verdue	Go				
⊡ 10973		44	4		1 - 2 /	2 🕨	₩ ≡										Al			T			Q
Goods Receipt (3)		#		٥	Туре	Docum	ment #		Date	Priority		Due / Age		Status			A/C Reg	#	Referen	nce Doc #			
To be Moved (1)	teipt (2)	1			PO	APOOD	319015		10/10/2015	RAH		1		Create	Receipt								
Renair Receint (6)		2		7	PO	APOOD	294115		17/01/2015			1		Create	Receipt								
									Confir	m / Auth										Cancel			
Doc. Details	9	🔊 Part	Deta	ils																Actio	on Links	Ouic	k Links
Document # APO00294115		44	4	1	- 2 / 2	2 🕨	• ≡							All			Ŧ		Ç	Creat	e Receipt		_
Date 2015-01-13		#	E	) F	Part #		FLG	Par	t Desc.	ç	ty	Stock Status		Serial # ,	/Lot #	CND	РСТ	Next A	ction	Amen	d Purchas	e Order	
Charless David		1	E	3 G	GIMOVSE	R001	6	GI	MOVEMENT SERIAL P	PART 4	EA					NEW	i≡.	Create	Receipt	Short	close Purc	nase ord	ier
Status Open		2	E	d G	SIMOVLO	T001	6	GI	MOVEMENT LOT PAR	T 4	EA					NEW		Create	Receipt	View	Purchase   Purchase	Jraer Reauest	
Type General																				View	Material R	equest	
References																							
Remarks										4	-								•				
			À Ha	azmat	t 🔞 sł	elf life	🏦 Ware	house	Serial Lot	New New	*	Serviceable	Inservic	eable 🚱	Overhauled								

#### My Area & Easy Launch Panel

#### My Area

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

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



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

- Area
- Storage Location
- Warehouse
- Work Center

#### Select or Modify "My Area"

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

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

Select	Area		×
My Area	Warehouse Area Storage Location Warehouse Work Center	10973 <b>v</b> Go	01

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

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

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

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

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

#### Easy Launch

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

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

-		~	A				
	Easy Launch	Create	🔘 Edit / View	Receipt	•		Go
						- 1	

#### Inv. Overdue & Alerts function

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

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

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

Inv. Overdue	e & Alerts	🕑 Exte	rnal Receiving		Issues & Returns	_	Q	Transfer			e		
	All 1	Ov	erdue 1		Alert 0	_	Sub functi	on Displa	ay				
Warehouse View	Go	ALL	T	Select	•		Go						Action Links Create Inter Warehouse Stock Tra
<u> </u>		44 4	1 -1/1 🕨	> ≡				All			Ŧ	Q	Create Intra WH Transfer
- Overdu	ie (1)	#	Part #		Part Desc.		Stock Statu	15	Qty	FLG	Due Days	Warehou	Inspect / Re-Certify Parts
Ma	intenance Due (1)	1	ALT-1		Engine Cowling		PBH		4 EA	<u>(</u>	-463	10973	View Part Information
Part Details	*	Storage	< Details			_			_	_		Þ	Action Links Quick Links
Part #	ALT-1	44 4	1 - 3 / 3 🕨	> ⇒				All			•	Q	Initialize Maint Program and Updat
Description	Engine Cowl	#	Zone # / Bin #	Qty	Serial # / Lot #	CND	Exp. / Due Date	Fac. Obj. / Co.	mponent		Ownership		Update Component Condition
Part Type	Component	1	01/01	1 EA	c	•	24/04/2016	C001725-2013	3	1	Supplier : 00198		Record Part-Serial Change Maintain Part Certificates
Turcipe	component	2	01/01	1 EA	cc	5	24/04/2016	C001726-2013	3	3	Supplier : 00198		View Part - Serial / Lot History
<b>A</b>	10973	3	01/01	2 EA	ccc	NEW	24/04/2016	C001/2/-2013	5		Supplier : 00198		View Component Record
Qty	4 EA												
Due For	<u>@</u>												

#### Tree Section

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

- Shelf Life Expiry
- Tool Calibration
- Maintenance Due

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

				Go	
<u> </u>	3				
<u> </u>	Overdue	(1)			
	Main	tenance	Due (1	.)	

#### Part List Panel & Part Level Action Links

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

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

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

Ove All	rdı	ie	▼ Select	•	Go						Action Links Create Inter Warehouse Stock Tra
44	ŀ	0	1 -1/1 ▶ ▶ ☴				All		•	Q	Create Intra WH Transfer
#			Part #	Part Desc.	Stock Status	Qty	FLG	Due Days	Warehouse #		Inspect / Re-Certify Parts
1		V	ALT-1	Engine Cowling	РВН	4 EA	<u>6</u>	-463	10973		View Part Information

In addition, this section also has the 'Direct Search' capability similar to the other function Part Detailed Panel & Detailed Level Action Links

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

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

Part Details		•	Storag	je De	tails								Action Links Quick Links
Part #	ALT-1		44	•	1 - 3 / 3 🕨 🙌	≡				All	T	Q	Initialize Maint Program and Updat
Description	Engine Cowl		#		Zone # / Bin #	Qty	Serial # / Lot #	CND	Exp. / Due Date	Fac. Obj. / Component	Ownership		Update Component Condition
-			1		01/01	1 EA	c	HEN	24/04/2016	C001725-2013	Supplier : 00198		Record Part-Serial Change
Part Type	Component		2		01/01	1 EA	cc	NEW	24/04/2016	C001726-2013	Supplier : 00198		Maintain Part Certificates
<b></b>	10973		3		01/01	2 EA	ccc	NEW	24/04/2016	C001727-2013	Supplier : 00198		View Part - Serial / Lot History
01-1													view Component Record
QLY	4 CA												
Due For	<u>@</u>												

#### **External Receiving function**

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

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

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

The different sections available in this function are discussed below.

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

Inv. Overdu	e & Alerts	ଡ଼	Exte	rnal I	Receivi	ıg		6	Issues (	& Retu	rns		Q.	Tra	nsfer			8				
	All 10	(	Good	s Rec	eipt 3			Repai	ir Receipt 6			Custo	mer GR 0		L	.oan Receip	t1		Rental	Recei	ipt O	
Warehouse Vie	Go	G	oods II	Rece	ipt	T					•					] Closed	E	Overdue	Go			
<b></b> 10973			44 #	•	1 - 1 Туре	Docum	>> ≡ ent #		Date	,	Priority		Due / Age		Status		A/C	All Reg #	Referen	nce Do	<b>▼</b>	Q
			1		GR	GI-0100	012-2015		13/01/2015				1		Move Parts				APO00	294115	5 / 10973	
									(	Confirm	/ Auth.									Ca	ancel	
Doc. Details Document #	GI-010012-2015	Pa	irt De	etails	1 - 1/	1 > >	• ≡								All		•	r		0	Action Links	Quick Links
Date	2015-01-13	-	#		Part #	OT001	FLG	Part I	Desc. OVEMENT LOT	F PART	Qty 1 FA	Stoc	<i>k Status</i>	3	Gerial # / Lot #	CND	PCT	Next Action			Record Hazmat ( View Purchase C	Compliance Irder
Status	Accepted-Pending Moveme		•		dirioti			CI III			1 24	Acce	pred			Ŭ		novertario			View Release Sli	p
Type References	Regular Purchase APO00294115																					
Remarks											4									•		
			*	Hazm	at 😘	Shelf life	🏫 Ware	house	∃ESerial	Lot	New	🔆 Service	eable 🖄 (	Jnservi	ceable 🚱 Over	rhauled						

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

	All 10		Goods Receipt 3	Repair Receipt	6 Customer GR 0	Loan Receipt	1	Rental Receipt 0	
Warehou	rse View	Go	ALL			Closed	Overdue	Go	م
			# Document #	Date	Sub function Wise Count Display	Status	A/C Reg #	Reference Doc #	

#### Tree Panel (External Receiving function)

The Tree Panel comprises the following controls.

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

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

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

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

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



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

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

#### Document Status wise Tree Display - Sub Nodes Logic

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

Release Slips which has at least one Part that is due for receipt in a given Warehouse, though the entire quantity should have been received prior to the current system date (as per the Earliest Due Date definition in Purchase Order)

 <u>Open Orders – Not Due</u>: Count of the Purchase Orders (other than those of type "Customer Goods") and Release Slips which has at least one Part that is due for receipt in a given Warehouse with the due date well above the current system date.

#### Repair Receipt

- <u>Orders Due for Receipt</u>: Count of Repair Orders, with the Repair Shop Shipping Date earlier than the current date, in the given Return Warehouse #, for which there exists at least one Part due for receipt.
- <u>Open Orders Not Due</u>: Count of the Repair Orders, with the Repair Shop Shipping Date well above the current system date, in the given Return Warehouse #, for which there exists at least one Part due for receipt.

#### • Customer GR:

- Orders Due for Receipt: Count of the Purchase Orders of Type "Customer Goods" which has at least one Part that is due for receipt in a given Warehouse, though the entire quantity should have been received prior to the current system date (as per the Earliest Due Date definition in Purchase Order)
- <u>Open Orders Not Due</u>: Count of the Purchase Orders of Type "Customer Goods" which has at least one Part that is due for receipt in a given Warehouse with the due date well above the current system date.

#### • Goods Receipt or Repair Receipt or Customer GR:

- <u>Draft</u>: Count of Receipts of the selected Receipt Type, in the given Receiving Warehouse, with the Next Action as 'Record Serial / Lot Detail' for at least one Part.
- <u>To be confirmed</u>: Count of Receipts of the selected Receipt Type, in the given Receiving Warehouse, with the Next Action as 'Confirm Receipt' for at least one Part.
- <u>To be inspected</u>: Count of Receipts of the selected Receipt Type, in the given Receiving Warehouse, with the Next Action as 'Inspect Part' or 'Confirm Inspection', for at least one Part.
- <u>To be moved</u>: Count of Receipts of the selected Receipt Type, in the given Receiving Warehouse, with the Next Action as 'Move Part', for at least one Part.
- <u>To be binned</u>: Count of Receipts of the selected Receipt Type, in the given Movement Warehouse, with the line status as 'Accepted Pending Binning' for at least one Part.
- <u>Quarantined</u>: Count of Receipts of the selected Receipt Type, in the given Receiving Warehouse, with the Next Action as 'Resolve Quarantine', for at least one Part.

#### Loan Receipt:

- <u>Orders Due for Receipt</u>: Count of Loan Orders (against which Loan Receipt is not recorded) in the given Warehouse # for which the Required Date is less than the current system date.
- <u>Open Orders Not Due</u>: Count of Loan Orders (against which Loan Receipt is not recorded) in the given Warehouse # for which the Required Date in the Loan Order is well above the current system date.

#### Rental Receipt:

- Orders Due for Receipt: Count of Rental Orders (against which Rental Issue is confirmed, but Rental Receipt is not recorded), with the Due Days for Return lesser than zero.
- <u>Open Orders Not Due</u>: Count of Rental Orders (against which Rental Issue is confirmed, but Rental Receipt is not recorded), with the Due Days for return greater than zero.

#### • Loan Receipt or Rental Receipt

- <u>To be inspected</u>: Count of Loan Receipts in Received status, which requires the Inspection recording is mandatory and is due.
- <u>To be confirmed</u>: Count of Loan Receipts in Received status against which Inspection recording is not due or mandatory.
- o <u>Quarantined</u>: Count of Loan Receipts in Received status where Quarantined Qty is not null.

#### Document List Panel (External Receiving function)

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

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

AL	L			T		•		Closed	Overdue	Go	
•	4	L	1 - 1/	1 🕨 🍽 🗮					All	•	Q
-	:		Туре	Document #	Date	Priority	Due / Age	Status	A/C Reg #	Reference Doc #	
1			GR	GI-010012-2015	13/01/2015		1	Move Parts		APO00294115 / 10973	

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

- The Check-Box 'Closed', offers the user to fetch even the Closed or Short closed or cancelled documents of Purchase Order or Release Slip or Repair Order or Loan Order or Rental Order or Goods Receipt or Repair Receipt or Customer GR or Loan Receipt or Rental Receipt.
- The Check-Box, 'Overdue', offers the user to fetch only those Purchase Orders or Repair Orders or Loan orders or Rental Orders that are Overdue (i.e.) Due Date is earlier than the current server date.

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

#### Document Preview Panel (External Receiving function)

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

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

Doc. Details	9	¢ P	Part D	Details	5									
Document #	GI-010012-2015		••	•	1 -1/1 🕨 🕨	=				All			·	Q
Date	2015-01-13		#		Part #	FLG	Part Desc.	Qty	Stock Status	Serial # / Lot #	CND	PCT	Next Action	
			1		GIMOVLOT001	6	GI MOVEMENT LOT PART	1 EA	Accepted	ACCLOT001	NEW		Move Parts	
Status	Accepted-Pending Movemer													
Туре	Regular Purchase													
References	APO00294115													
Remarks								4						×.

#### Action Links and Quick Links Panel (External Receiving function)

#### Action Links

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

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

Doc. Details		R	Part	Detail	s											Action Links Quick Links
Document #	GI-010012-2015		44	4	1 -1/1 > >>	=		Ali					r	Q	Move Parts	
Date	Date 2015-01-13		#		Part #	FLG	Part Desc.	Qty.	Stock Status	Seri	ial # / Lot #	CND	PCT	Next Action		Record Hazmat Compliance
			1		GIMOVLOT001	6	GI MOVEMENT LOT PART	1 EA	Accepted	ACC	CLOT001	<b>NEW</b>		Move Parts		View Purchase Order
Status	Accepted-Pending Movem	er														View Release Slip
Туре	Regular Purchase															
References	APO00294115															
Remarks								4							F	

#### Quick Links

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

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



#### **Issues & Returns function**

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

- Aircraft Level
- Warehouse Level

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

The different sections available in this function are detailed below:

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



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

Inv. Overdue & Alerts	Q	External Receiving	Issues & Returns	Q Transfer	e		1
ন 💼	All 11	Request 9	Issue 0	Return 2	Su Co	b function Wise ount Display	
Aircraft View	Go	ALL	<b>•</b>		Closed 🔲 Overdue	Go	
+ 6Y-JMR		≪ ◀ 1 -1/1 > >> ==			All	· ·	Q
		# Type Document #	Date Priority	Due / Age Status	A/C Reg #	Reference Doc #	
• VT-666							

#### Tree Panel (Issues & Returns function)

The Tree Panel comprises of the following controls.

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

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

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

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

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

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

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

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



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

- Request
  - o Inprogress
  - o Pending Authorization
  - o Open
- lssue
  - o Inprogress
  - o Pending Confirmation

#### • Return

- o Inprogress
- o Pending Confirmation

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

#### • Requests:

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

#### Document Status wise Tree Display – Warehouse View

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

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

র ≙	All 55
Warehouse View	Go
- Request	(28) De Authorized (1)
Ope	n (27) 5)
Return (	2) it (1) pe Confirmed (1)

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

- Request
  - o Inprogress
  - o Pending Authorization
  - o Open

#### • Issue

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

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

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

#### Document List Panel (Issues & Returns function)

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

Requ All	est		v		•		Closed	Overdue	Go	
	4	1 - 4 /	4 ▶ ▶ ☴					All	<b>.</b>	Q
#		Туре	Document #	Date	Priority	Due / Age	Status	A/C Reg #	Reference Doc #	
1		MR	MR-002314-2013	22/12/2013	Normal	-1318		6Y-JMR		
2		MR	MR-002315-2013	22/12/2013	Normal	-1318		6Y-JMR		
3		MR	MR-002316-2013	22/12/2013	Normal	-1318		6Y-JMR		
4		MR	MR-002525-2014	05/06/2014	Normal	-1153		6Y-JMR	VP-000009-2012	

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

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

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

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

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

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

#### Document Preview Panel (Issues & Returns function)

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

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

Doc. Details		•	Part D	)etails	•						
Document #	MR-002314-2013		44	•	1 -1/1 → → =				All	•	Q
Date	2013-12-22		#		Part #	FLG	Part Desc.	Qty	Stock Status	Serial # / Lot #	CND
			1		MAIN PART	6	engine	2 EA	PBH		NEU
Status	Authorized										
Туре	General										
References											
Remarks								4			×.

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

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

oc. Details Part Details Action Links Quick Links Q Document # MR-002314-2013 All \* Plan Materia CND # 🗆 Part # FLG Part Desc. Stock Status Create Stock Issue Qty Serial # / Lot # Date 2013-12-22 Edit Stock Issue C MAIN PART 6 2 EA PBH HEN Status Authorized Confirm Stock Ise Create Stock Transfer Order Type Genera Edit Stock Transfer Order Authorize Stock Transfer Orde References Create Stock Transfer Issue Remarks Edit Stock Transfer Issue . m Stock Transfer

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

#### <u>Quick Links</u>

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

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



#### **Transfer function**

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

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

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

Inv. Overdue & Alerts	C External Receiving	Issues & Returns	() Transfer	=	
All 39	Transfer Issue 18	Transfer Receipt 16	Material Loss 0 T	ransfer Order 4 Intra Wa	arehouse Transfer 1
Warehouse View	ALL All			Closed Overdue	Go
10973     Intra Warehouse Transfer (1)     Transfer Issue (18)     Transfer Order (4)     Transfer Receipt (16)	+++     1     -1     1     >>>       #     Type     Document       1     Type     Document	E Date Priority Confirm / Auth.	Due / Age Status	All 4/C Reg #	▼     D       Reference Doc ≠        Cancel
Doc. Details	Part Details				Action Links Quick Links
Document #	(( ( 1 -1/1 ) )) =		All	<b>v</b>	Create Inter Warehouse Stock Tra. 🔺
Date	# Part #	FLG Part Desc.	Qty Stock State	us Serial # / Lot #	CND Manage Intra Warehouse Stock Tr. Authorize Inter Warehouse Stock .
Status					Authorize Intra Warehouse Stock .
Туре					Record Stock Transfer Receipt
References					Short Close Inter Warehouse stock Edit Inter Warehouse Stock Transf
Remarks			4		Edit Stock Transfer Issue     Confirm Stock Transfer Issue



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

Inv. Overdue & Alerts	() External Receiving	Issues & Returns	0 Transfer	e	
All 39	Transfer Issue 18	Transfer Receipt 16	Material Loss 0	Transfer Order 4	Intra Warehouse Transfer 1
Warehouse View 	ALL All • • • • • • • • • • • • • • • • • •		ction Wise isplay statu	Closed Overd	ue Go
<ul> <li>Transfer Order (4)</li> <li>★ Transfer Receipt (16)</li> </ul>					

#### Tree Panel (Transfer function)

The Tree Panel comprises of the following controls.

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

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

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

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

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

Warehouse View
Go
<u> </u>
intra Warehouse Transfer (1)
Draft (1)
Transfer Issue (18)
Draft (1)
To be Confirmed (17)
Transfer Order (4)
Transfer Receipt (16)

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

Transfer Issue

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

#### Document Status wise Tree Display - Sub Nodes Logic

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

#### • Transfer Order:

- o <u>Draft</u>: Count of the Stock Transfer orders created from a given Warehouse that is in Draft status.
- <u>To be authorized</u>: Count of the Stock Transfer orders created from a given Warehouse that is in Fresh status.
- Intra Warehouse Transfer:
  - <u>Draft</u>: Count of Intra Warehouse Stock Transfer Orders created from a given Warehouse that is in Draft status.
  - <u>To be authorized</u>: Count of the Intra Warehouse Stock Transfer orders created from a given Warehouse that are in Fresh status.

ramco

#### 24 | Enhancement Notification

#### Document List Panel (Transfer function)

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

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

ALL All			<b>•</b>		•		Closed	Overdue	Go	
44	4	1 - 5 /	16 🕨 🕨 🗮					All	· · · · · · · · · · · · · · · · · · ·	Q
#		Туре	Document #	Date	Priority	Due / Age	Status	A/C Reg #	Reference Doc #	
1	Row	Number	STI-002298-2014	24/07/2014	Normal	1104	Record Receipt		AST-001450-2014	
2		STI	STI-002281-2014	20/06/2014	Normal	1138	Record Receipt	6Y-JMR	ST-000818-2014	
3		STI	STI-002481-2016	23/03/2016	Normal	496	Record Receipt		ST-001019-2015	
4		STI	STI-002480-2016	16/03/2016	Normal	503	Record Receipt		ST-001036-2016	
5		STI	STI-002479-2016	14/03/2016	Normal	505	Record Receipt		ST-001019-2015	

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

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

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

#### Document Preview Panel (Transfer function)

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

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

Doc. Details	•	Part	Detail	5						
Document #	STI-002298-2014	44	4	1 -1/1 → → =				All	T	Q
Date	2014-07-24	#		Part #	FLG	Part Desc.	Qty	Stock Status	Serial # / Lot #	CND
		1		NUT	6	TEST	2 EA	Accepted		
Status	Confirmed									
Туре	Stock Transfer Issue									
References	AST-001450-2014/MR-0025									
Remarks							•			F

#### Action Links & Quick Links Panel (Transfer function)

#### Action Links

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

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

Doc. Details	9	R	Part I	Detail	s								Action Links Quick Links
Document #	STI-002298-2014		44	•	1 -1/1 → → =				All	Ŧ		Q	Record Stock Transfer Receipt
Date	2014-07-24		#		Part #	FLG	Part Desc.	<i>Qty</i>	Stock Status	Seri	al # / Lot #	CND	Record Material Loss
			1		NUT	6	TEST	2 EA	Accepted				View Stock Transfer Issue
Status	Confirmed												View Inter Warehouse Stock Trans
Туре	Stock Transfer Issue												View Material Request
References	AST-001450-2014/MR-0025	5											
Remarks								4				÷	

#### Quick Links

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

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

Action Links	Quick Links	
Create Inter Wa	rehouse Stock Tra.	٠
Manage Intra W	arehouse Stock Tr.	
Authorize Inter \	Warehouse Stock .	
Authorize Intra \	Warehouse Stock .	
Create Stock Tra	ansfer Issue	
Record Stock Tra	ansfer Receipt	
Short Close Inte	r Warehouse stock	
Edit Inter Wareh	iouse Stock Transf	
Edit Stock Trans	fer Issue	
Confirm Stock T	ransfer Issue	•

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

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

Reference: AHBG-16175

#### Background

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

#### **Change Details**

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

#### Manage Part-Serial MOD details

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

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

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

## ramco

#### 27 | Enhancement Notification

- Januar D

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

$\star$	Ð	Manage Part Seri	al Mod Details						Ramco Role -	RAMCO OU 👻 🗄	# ■ ₽ ←	? [
Ma	inage	O View										
			Part #/ Serial #/ Mfr. S	Serial # 👂								
				Search On		Ŧ		•		Part r	nodification	
	1od E	etails					Search			Upda	te Mode	
•	4	1 - 13 / 13 > >>	+ - T T,			1			110 11 📈 All	-7	-	2
#		Part # 🔎	Serial # 🔎	Mfr. Serial #	MOD #	MOD Status	Ref. Doc. Type	Ref. Doc. #	MOD Compliance Date	Update I	Modification Commen	ts
1		04689:P2783	2783-036	2783-036	2	Approve	×			Manual		
2		04689:P2783	2783-036	2783-036	3	Approved	· ·			Manua		
3		04689:P2783	2783-036	2783-036	1	Approved				Manual		
4		04689:P2783	2783-036	2783-036	8	Approved	Part modification num	ber		Manual		
5		04689:P2783	2783-051	2783-051	10	Approved	•			Manual		
6		04689:P2783	2783-051	2783-051	6	Approved	*			Manual		
7		04689:P2783	2783-051	2783-051	7	Approved	*			Manual		
8		9324M40G01:58828	731354	731354	1	Approved	*			Manual		
9		9324M40G01:58828	731354	731354	2	Approved	*			Manual		
10		T00L242	SC159	SC159	4	Approved	*			Manual		
11		T00L242	SC159	SC159	5	Approved	*			Manual		
12		T00L242	SC159	SC159	101	Approved	*			Manual		
13		ALT-2	2222	2222	11,22,33	Fresh	*		01-10-2017	Manual		
14							*					
						-						
			4									•
		Sav	e			Approve	9			Reverse		

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

#### **Inquire Stock Availability**

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

Example:

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

'Mod #' is displayed in the Inquire Stock availability screen as shown below:

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

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



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

r 1	iii Inquir	e Stock	Availability									Ramco Role	- RAMCO OU	- 32 A	+ 12 6	?
Se	arch Criteria	a :-														
	Ing	uire Stock	🔘 Login OU 🛛	O ALOU	RAMCO OU 🔻				13							
- 54	elect Wareh	ouse								Trading Pa	et Info					
		Storiona	Location Loube		21		Toolar #		141			adam Partner To		191		
		atorage	LOCALION LONDO	JN			zune n		1		2.116	adding Partner Ty	pe	-		
-		Years	snouse #				0en #		1	Distance		trading Partne				
- 14	art mo									- Display Op	tion					
			Part # Part #		*		<ul> <li>Help on Part</li> </ul>				V 70	ne # / Bin # Inf	D		📰 Zero Qty	Parts
		Scriel #	/Lot # Senal #		*						V Se	rial # / Lot #			Include Q	λtγ In K
			Others		▼Stock Status ▼	Condition	*				E Tr	ading Partner In	fo		I Alternate	e Parts
											Ex Ex	clude Expired Pa	sits		E Restrictio	an Info
														-	MOD Info	D
								Sea	rch	New Display	Option 'A	/IOD Info		-		
50	arch Result	5														
4	1 26 - 37	/ 37 +	PTT							N X X H W	24 or - 64 or 110 or	74 × Al			1	
	Organ	ization Uni	t Warehouse #	PRT	Part #	Serial #	Available Qty	UOM	Allocated Qty	Total Qty	Stock Status	Condition	Mod #	Value	Currency	
6	RAMO	0.00	TEST		113N2813-1:81205-1		5.00	EA	0.0	0 5.00	Accepted	Serviceable	N			
7	E RAMO	0 OU	QA		R-02	SL-000074-2014	0.00	EA	1.00	0 1.00	Accepted	New				
28	RAMO	o ou	WAR-SER		10-3275-17:81205	GT6	1.00	EA	0.0	0 1.00	Accepted	New				
29	RAMO	0 00	QA		E1		0.00	EA	1.0	0 1.00	Aveos Owned	New		<u> </u>		
30	RAMO	0 00	TEST		NUT		205.00	EA	136.00	0 341.00	Accepted					
11	RAMO	o ou	WAR-SER		10-3275-17:81205	GT24	1.00	EA	0.0	0 1.00	Accepted	New	New col	umn 'N	Nod#′	
12	RAMO	0 00	QA		A125:36361		1.00	EA	0.0	0 1.00	Aveos Owned	New				
33	RAMO	0 00	WAR-SER		10-3275-17:81205	GT5	1.00	EA	0.0	0 1.00	Accepted	New				
34	RAMO	0 00	QA		N 1		0.00	EA	2,01	0 2.00	Aveos Owned					
35	RAMO	o ou	QA		N 2		0.00	EA	2.0	0 2.00	Aveas Owned					
96	RAMO	0 00	QA		NI		1.00	EA	0.0	0 1.00	Aveos Owned					
37	RAMO	000	WAR-SER		10-3275-17:81205	GIJ	1.00	EA	0.0	0 1.00	Accepted	New				
				<												>
enera	te Part Barco	de Label				Generate Part T	ag Report									
ew A	vailability of A	iternate Pa	rts - Across Locat	ions		View Availability	Of Alternate Parts	- Whilevel	<u> </u>		View Allocated (	Duantity				
ew Pr	arts Informatio	on .				View Alternate F	Part Info				View Shelf Life	Renewal History				
quire	Material Cour	at and Loca	tion Information			View Part Supply	Chain Performanc	ie i			View Warehous	e Planning Para	neter	D3		
ew Pa	art - Serial # /	Lot # Tran	isaction History			View Part Certifi	cate History				View Kit Constit	uents				
ew Pa	art Qty As Kit	Constituen	t			Manage Part Re	strictions				View Customer	Records				
iew Pa	upplier Details	consisten				manage Part Re	SURGONS				view customer	Records				

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

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



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

Manage Goods Receipt								Ramco F	lole - RAMCO OU 👒	- 24 🖽 🖶	ţ	+ 1	) 🗟
- Select Ref. Doc. # / Receipt #													
Ref. Document # P PO00005	2	Purchase Order	r ×	▼ Go				3					
Receipt Details													
<ul> <li>Receipt Info.</li> </ul>													
Receipt #	New Receipt	•		Receipt Type	Regular Purchase				Receipt Status				
Receipt Date	20-10-2017			Way Bill #					Way Bill Date				
Receipt Priority	•			Pack Slip #					Pack Slip Date				
- Received At			Received From					Ref. Doc. Info.					
Receiving Location	YUL 🔻			Supplier # 👂	00000	View	,		Ref. Doc. # 👂	PO000052		View	,
Receiving Warehouse #	0123	•		Customer # 👂		View	,		Ref. Doc. Type	Purchase Order			
Receiving Area	R1 🔻		Supplier	/ Customer Name	A & R Taurpaulins,	inc.			Ref. Doc. Sub Type	General			
- Other Info													
Supplementary Info?				Work Requested?					Parts Quarantined?				
Additional Details													
Part Details Serial/Lot Details	Work Reques	sted - Customer Parts	Supplementary Info	Movement De	tails Reports								
	<b>N N N N</b>									-		C	a
		a i ix	Mfr. Davk # O	146- # 0	Paradira Ob i			No of Late	Participa Code	•		~	
* 0 MAT INS FOT THE			12E90E	25905	Penuing QLy	4.00	EA EA	NO. OF LOLS	Packaging Code				1
	n .3.	3695	.55655	33893		4.00	LA					~	
		/										>	
		<b>`</b>											_
Get Storage Info.				Record/Updat	te Receipt								
													-
View Alternate Parts													
Undate Inspe		Im	Receint		Cancel Re	ceint			Reverse Rec	eint			
Update Inspe	New lin	k added	Receipt		Cancel Re	ceipt	C	ş	Reverse Rec	eipt			
Update Inspe	New lin	k added	Receipt		Cancel Re	ceipt	C	6	Reverse Rec	eipt			
Update Inspe     Record Additional Receipt Info     Record Hazmat Compliance	New lin	k added	Receipt Record Inspection Inform	nation	Cancel Re	ceipt	Ľ	Cupload Documents	Reverse Rec	eipt			
Update Inspe     Record Additional Receipt Info     Record Hazmat Compliance     Request New Part / Part Attribute Char	New lin	k added	Receipt Record Inspection Inform Maintain External Stock /	nation	Cancel Re	ceipt	1	Cupload Documents Review Records Upda	Reverse Rec	eipt			
Update Inspe     Record Additional Receipt Info     Record Hazmat Compliance     Request New Part / Part Attribute Chu Manage Part Serial MOD Details	New lin	k added	Receipt Record Inspection Inform Maintain External Stock /	nation Nocation	Cancel Re	ceipt	1	ل Upload Documents Review Records Upda	Reverse Rec	eipt			
Update Inspe  Record Additional Receipt Info  Record Hazmat Complance  Request lieve Part / Part Attribute Clust Manage Part Serial MOD Detais  View Records	New lin	k added <sup>m</sup>	Receipt Record Inspection Inform Maintain External Stock /	nation Mocation	Cancel Re	ceipt		Vpload Documents Review Records Upda	Reverse Rec	eipt			
Update Inspe Record Additional Receipt Info Record Hazmat Compliance Recurd Hazmat Compliance Neurest Hew Part / Part Attribute Chart Manage Part Serial MOD Details View Records View GR List for Ref. Doc. #	New lin	k added m	Receipt Record Inspection Inform Maintain External Stock / View Associated Doc. Att	nation Mocation	Cancel Re	ceipt	1	Upload Documents Review Records Upda	Reverse Rec te	eipt			

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

🖈 🔋 Record Shop Execution Details Ramco Role - RAMCO OU 👻 🛱 🛱 🖨 🔶 ? 🗔																				
Search																				
Search On Shop Work Order #	T									Get			Date &	Time 23-10-2017	7 02:47:17 PM 🛗					
B 1200038323 B 1200040523	*		Work	k Act	tual	Repo	rt Find	ings	Disas	ssemble & Assemble Core	Initial Wo	orkscoping	Material Req	uest						
			) Tasl	ik De	tails_		Display	y by 🔇	) Task	Subtask										
		ľ	44	4	1 - )	10 / 36	Þ	• +		0 % 0 <b>0 T T</b>	<u>ک</u> ا		1 × C		All	Ŧ		۶	2	
HWO000582-2017			#		М	HS	CI	55	ES	SWO # 🔎	#	Task Desc.		Task # 🔎	Clock Start Date & Time		Cloc	ck End D	)a	
Links	- 1		1		N	N	NS	NR	NR	1200000623	1	Intermediate	1	2-50C-0000-						
Record Missing Parts List	11 H		2		N	Ν	М	NR	NR	1200006223	1	Task For Che	cking	TSK_PME1.1	17-10-2017 05:54:05 AM					
Record Part Deviation List			3		N	N	с	NR	NR	1200009923	1	make task 31	6	MKTSK316	17-10-2016 01:05:16 PM					
Report Resource Actual			4		N	N	с	NR	NR	1200016223	1	Task 1		TASK001	20-10-2016 02:49:03 PM					
Record Parameter Reading		1.	5		N	N	м	v	NR	1200035623	1	Task 03		1-00-76	29-11-2016 10:09:22 AM					
Route Parts			6	5	N	N	M	NR	NR	1200038323	1	Make 1		0-1245-2351-A-	28-11-2016 05:26:49 PM					
Record Part Consumption	N		the f				м	NR	NR	1200040523	1	task-01		NST-005128-	29-11-2016 01:13:25 PM					
Track Response	INE	3M	IIN	k ac	aec	1	м	NR	NR	1200053123	1	MEG OP TASE	(1	MEG-OP-TSK-1	08-12-2016 05:10:55 PM					
Manage Teardown Information			_	_	N	N	l c	so	NR	1200064523	1	PSP Make tas	k 1	PSPTSK1	26-12-2016 03:03:05 PM					
Record Part # / Serial # Change		_	10		N	N	M	NR	NR	MW0000578-2017	1	Make Task 31		MKTSK031	18-01-2017 05:31:26 PM					
View MOD Details										11100000370-2017	-	France Table 51		1111101001	10 01 2017 00:01:20 PH					
Manage Part Serial MOD Details	<	3																ł	•	

### Ability to view Part Serial Name Plate using Smart Popup

Reference: AHBG-15469

#### Background

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

#### **Change Details**

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

- i. **Aircraft** business component to retrieve the current location, Parameter Values and Remaining Life of the Component Record.
- ii. **Tech Records** to retrieve the Tech Record status of the Component Record.
- iii. **Compliance Tracking & Control** business component to retrieve the "Next Due At" value for the Component record.

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

- 1. Serial Lot Information tab
- 2. Maintenance Information tab

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

☆> Store	ck Management	> Inventory	Operations > Inventory	Operations Hub		~						
* 🗈	Inventory Op	erations Hu	b							Ra	amco Role - RA	мсо оц 👻 🚅 🖨 🗧 🗔
	All 50		Overdue 50	Ale	ert O							
Warehous	e View	Go	ALL Maintenance Due	Select	▼ Part Desc.	Go Stock Status	All	Qty	FLG	▼ Due Days	D Warehous	Action Links Create Inter Warehouse Stock Tra Create Intra WH Transfer Inspect / Re-Certify Parts Route Inserviceable Components/
0-0440-4 AUX. POW	-0005:36361 ER UNIT Mfr. Serial# / Lot# RL-AX-005 Stock Status	Serial #/Lot # RL-AX-005	ATA # 49-21 Component ID C007661-2016 Source Document	Classification Rotable	Type Componer	Category Component Solutions Centre Condition Serviceable Ownership		4 EA 10 EA 22 EA 2 EA 2 EA	( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ) ( ) ) ) ( ) ) ) ( ) ) ) ( ) ) ) ( ) ) ) ( ) ) ) ) ) ( ) ) ) ) ) ) ) ) ) ) ) ) )	-622 -686 -847 -890 -910	0123 0123 0123 0123 0123 0123	View Part Information
	Aveos Owned Expiry Date		Unplanned Receipt   UPR- MOD#	008383-2016		Owned Location In Stock   0123 : 01 : 1 Certificate∉ / Date		t	Owner Owner Owner Owner	Part Ser Plate sn	ial Name nart Popi	Addite Program and Upda Maint Program and Upda omponent Condition urt-Serial Change Plaintain 9-art certificates View Part - Serial / Lot History View Component Record
Du	e For 🛛 🎽		Ghelf life expiry	®New <b>j⊒</b> Serial	∰Lot <b>f</b> tWar	rehouse	-	,	Owner	d		

#### 1. Serial Lot Information tab:

This tab displays the following details of the part:

- Mfr. Serial # / Mfr. Lot # The Mfr. Serial # corresponding to the Serial # of the Part, displayed Serial Controlled Parts. Also, the Mfr. Lot # corresponding to the Lot # of the part is also displayed for Lot Controlled parts).
- **Component #** The Component # pertaining to the Part # Serial # combination from the interacting **Aircraft** business component (will be available only for the Component Parts).
- Stock Status The Stock Status of the Part # Serial # or the Part # Lot # combination
- **Source Document #** The concatenation of the Source Document type and the Source Document # for the Part Serial # or Part Lot # combination as available in the stock records.
  - Note: The different Source Document Types include "Goods Receipt", "Repair Receipt", "Opening Balance", "Physical Inventory", "Cycle Count", "Stock Correction", "Loan / Rental Receipt", "Unplanned Receipt", "Stock Return", "Component Replacement", "Facility Record". For Example: "Goods Receipt | GR-000230-2013"
- **Expiry Date** The Expiry Date for the Part # Serial # or Part # Lot # combination. If the Part is a Shelf Life Controlled Part, but there is no Expiry Date, then the Expiry Date is displayed as "Not Available".
- MOD # The Mod # corresponding to the Part Serial # combination of the Part #.
- **Condition** The condition of the Part # Serial # or the Part Lot # combination.
- **Ownership** The "Ownership" and "Trading Partner Name" for the 'Part # Serial #' or the 'Part # Lot #' combination are concatenated and displayed.
- Location The Location Information for the Part Serial # or Part Lot # combination.
- **Certificate #/Date** The Certificate Type, Certificate # and the Certificate Date for the Part Serial # or the Part Lot # combination are concatenated and displayed.
  - Note: Click the Mfr. Serial # /Lot # history icon provided alongside the Mfr. Serial # / Mfr. Lot # field to display the last 5 Transactions for the Part # - Serial # or Part # - Lot # combination as a popup.
  - Click the Condition History icon provided alongside the **Condition** field to display condition history for Part # Serial # or Part # Lot # combination as a popup.

## ramco

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

0-0440-4 AUX. POW	- <b>0005:36361</b> Er unit	Serial #/Lot # <b>RL-AX-005</b>	ATA # 49-21	Classification Rotable	Type Component	Category Component Solutions Centre
	Mfr. Serial# / Lota	* (9)	Component ID	Serial Lot Information tak	)	Condition
*	RL-AX-005 Stock Status Aveos Owned Expiry Date	Click to display ransaction histo	C007661-2016 Source Document Unplanned Receipt   UPR-0083	83-2016		Serviceable Ownership Owned Location In Stock   0123 : 01 : 1 Certificate# / Date

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

Transaction History	
GI-010926-2017   Confirmed   23 May 2017	
UIS-001199-2017   Confirmed   20 Feb 2017	
UPR-008446-2017   Confirmed   18 Feb 2017	
MISSU-000685-2016   Confirmed   06 Sep 2016	
MISSU-000666-2016   Confirmed   01 Sep 2016	

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

Condition History	
UnServiceable   08 Feb 2016	
UnServiceable   08 Mar 2016	

#### 2. Maintenance Information tab:

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

- i. <u>Parameter Info.</u>: This section displays the following parameter details of the part for the given Serial # / Lot # combination.
  - **Parameter Values** The concatenation of the current FH and FC values for the given Component. E.g. "100 FC | 300 FH".

- Next Due at The Parameter Values / Date at which the Component is due for maintenance. If multiple values exist, the values are concatenated and displayed. For example, if a Component has Tasks, T1 due at 250 FH; T2 due at 100 FC and T3 due at 30.11.2013, then this field should be displayed as "250 FH | 100 FC | 30.11.2013"
- ii. *Program Info.:* This section displays the program details of the part.
  - **Remaining Life** The Remaining Life of the Component # for lifed parts. If the part is not lifed, this field is left blank.
  - **Remaining Days/Values** The Remaining Days / remaining parameter values of the component # for the lifed part.
  - **Triggering Task #** The Task # or a Standard procedure or a work package, to be performed as part of the work package. The Task # and Task Description for the given component are concatenated and displayed.
  - Last Comp. Repl. The Last Component Replacement # for the Part Serial # or Part Lot # combination as available in the Component Replacement history is displayed.
    - Note: Click the Component Replacement History icon ' provided alongside to display all the Component Replacements generated for the Part #- Serial # or Part # - Lot # combination in a separate popup.
- iii. <u>Tech. Records Info.</u> This section displays the tech records details for the component part.
  - **Component Status** The Component Status of the component Part # available in the **Aircraft** business component..
  - Config Status The status of the component configuration for the given component #.
  - Assembly Status The status of the assembly component for the given component # Indicates whether all sub assembly components are associated to all the active position codes in the component configuration.
  - **Program Status** The status of the Maintenance Program for the given component #.

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

0-0440-4 AUX. POWI	-0005:36361 Serial #/Lot ER UNIT RL-AX-00	t # ATA # 5 49-21	Classification Rotable	Type Componer	Category nt Component Solutions Centre	*		
	Parameter Info. Parameter Values 30 APUC   40 APUH	Next Due at 100 FH	Maintenance		Tech. Record Info. Component Status Active			
*	<b>Program Info.</b> Remaining Life	Remaining Days/Values	Remaining Days/Values		Config Status Fresh Assembly Status Complete			
	Trigerring Task 1-50C-0000-CMM-00001375   PME-1 for Part P2	Last Comp.Repl. 🕥			Program Status Active			
Click to display CR history								

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



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

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

Reference: AHBG-15365

#### Background

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

#### **Change Details**

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

#### Shipping Note Smart Popup

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

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

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

The system displays the following details in the header.

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

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

#### 2. Shipping History List:

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

Display of Elements							
Example							
Carrier Code	Net Weight	Freight Charges UOM	FedEx	20 LB	112 USD		
Shipping Method Ship Note Date		FedEx Ground 20-Jul-17					

#### 3. Shipping Information:

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

- a. **Shipping Note #**: The Shipping Note for the record selected in the Shipping History list.
- b. **Package Info**: The packaging code, packaging dimension and the net weight of the package are displayed for the selected Shipping Note #.
- c. **Freight Info**: The Freight Charges, Freight Terms and INCO Terms available for the selected Shipping Note # are displayed in this section.
- d. **Doc. Info**: The document details like Way Bill #, Ref. Doc. Type and the INCO Terms (International Commercial Terms) available for the selected Shipping Note # are displayed here.

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

☆ Stock Management > Stock Issue > Rec	cord Shipping Note		◆							
* 🗎 Record Shipping Note					:	7\$	•		+ 1	2
- Packaging Details										
No. of Packs 12.00		Gross Weight 10.00 EA 💌 Net W			Net Weight			10.00	KG	T
Packaging Code BOX		Backago Dimonsie	n (1*0*u) 2.000 4.000 3.000	TN w	Container #					
Packed by Emp. <b>P</b>	<b>0108071:88308</b> SPANNER - FORK M	❹ 5/5♥	Test Warehouse 1, New Tower, Green Park Road,,	Customer 8 2450 SASKATCHEWAN AVENUEWINNIPEG,MB, L5P 1C2	<b>*</b>					
44 4 1 -5/5 ▶ ▶ + - □ %	FEDEX 10.00 KG	145.00CAD	RSN-000934-2017							Q
# Part # P History	As per routing guide	19-07-2017	We Dkg Info	Tert Info		9	Currency		Value	
1 0292107960:F0228	FEDEX 10.00 KG	145.00CAD	6' FKg. 1110	41 11. 1110		00 0	CAD	~	999.00	0000
2 0292107960:F0228	As per routing guide	19-07-2017				00 (	CAD	~	999.00	0000
3 🖸 001326:G1252	FEDEX 10.00 KG As per routing guide	145.00CAD 19-07-2017	Package 12.00 BOX	Freight Charge 145.00 CAD		00 (	CAD	~	10000	.000000
4 🖸 0108071:88308						00	CAD	~	662.00	0000
5 0108071:88308			Package Dim. 2.00X4.00X3.00 IN	Frieght Term Excercise with care		00	CAD	~	662.00	0000
										F
Shipping Note	+		Net Weight 10.00 KG	INCO Term						
Smart Popup			1000 100	Gitt						
» + -			Doc. Info				v			Q
# Container #	Way Bill # Ref.Doc.Type Ref.Doc#				Net We	ight		UOM (N		
1			24							
					-					
#### Exhibit 2: Identifies the Shipping Note smart popup



## Ability to compute inventory revaluation across warehouses and part

#### types

Reference: AHBG-10518

#### Background

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

#### **Change Details**

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

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

#### **Compute Inventory Revaluation screen**

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

1. In the 'Inventory Revaluation Details' section:

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

#### View Inventory Revaluation screen

This activity is renamed 'Edit/View Inventory Revaluation'

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

#### Logic Changes

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

- b. On clicking 'Analyze Revaluation' button, Revaluation # will be generated with status as 'Draft'.
- c. An offline scheduler will pick up the 'Draft' Revaluation # and initiate process of identifying the parts that are eligible for Inventory Revaluation, comparing the current stock value with the Supplier Price List value. Status will be updated as 'Inprogress'.
- d. Once the scheduler completes the processing, if there are parts applicable for revaluation, the Inventory Revaluation document status will be updated as 'Fresh' and the same will be displayed in the **Compute Inventory Revaluation** screen when launched from **Edit / View Inventory Revaluation** activity. If there are no parts, the document status will be updated as 'Cancelled'. Part's eligibility for revaluation is handled based on the following logic:

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

- If the Valuation Method is selected as 'Actual Cost', then the rate is considered at Warehouse # Part # -Serial/Lot # - Stock Status level and all these values will be displayed in the multiline.
- If the Valuation Method is selected as 'Weighted Average' and Valuation Level is selected as 'Warehouse', then the rate is considered at Warehouse # – Part # - Stock Status level and all these values will be displayed in the multiline.
- If the Valuation Method is selected as 'Weighted Average' and Valuation Level is selected as 'Location', then the rate is considered at Part # - Stock Status level and these values will be displayed in the multiline. In addition to these values, to have Stock Correction generated, one of the warehouses where the part is stocked will be displayed in the multiline. These Revaluation documents in 'Fresh' status can be selected from the Edit/View Inventory Revaluation screen.
- e. On click of 'Update' button, Stock Correction and/or Journal Voucher will be generated based on the Revaluation Type and document status will be updated as 'Closed'.

## ramco

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

<b>^&gt;</b> s	tock	Managemer	nt 🔰 Stock	Maintenance	> Compute I	wentory Revalu	ation										
* [	) C	ompute Ir	nventory I	Revaluation		Nava Gal	-I Channe				New field (	Status'	. 42 4	3 🕨 🕨	43 /43 💢 🖶	₽ ← '	? 🗔
Im	/ento	ry Revaluatio	on Details —			New fiel	a Storag	ge			addad						
		Reva	aluation # IF	RV-000035		Locatior	n added		Numberin	g Type 🛛 IRV 🔍 🔻	auueu			Sta	tus Fresh		
		Accou	nt Usage	TOCK ADJUSTME	INT				Costing	Usage 1100 - EN	IC GENER MGR	•		Revaluation Ba	sis Supplier Part Pri	ce List	•
		Storage	Location Y	/ULBAN	•				Wareh	ouse # YULCS	•	4		Part Ty	/pe	-	
		Revalua	ation Type B	alance Sheet and	Stock Revaluati	on	•		Revaluation	Period 01 Jun 20	)17 - 30 Jun 2017	-		Current D	ate 18-08-2017		
		Valuatio	n Method 🛛	ctual Cost	•				Valuation	n Level Warehous	se 🔻						
									Analyze	Revaluation							
Bala	nce S	heet Revalua	tion Details	Stock Reva	luation Detai	ls				Part Type a	and Warehous	e #					
										made non	-Mandatory	(	Currency				
P	art D	etails								made non	Mandatory						
44	•	1 - 10 / 200		- T Tx							LEGXE	8 C I	all 🗎		<b>T</b>		0
#		Warehouse	Part #	Serial #	Part Type	Stock Status	Total Qty	Unit Rate	Supplier #	Supplier Name	Supplier Pricelist	Market Rate	Current Value	LCM Value	Part Account Group	Stock Correcti	ion #
1		YULCS	0-1:09058	464000B1-0	Component	Aveos Owned	1.00	42.57	00198	Supplier 9	0.01	0.01	42.57	0.01	REPAIRABLES		_
2		YULCS	0-1:09058	46595F44-5	Component	Aveos Owned	1.00	42.57	001	Supplier 9	0.01	0.01	42.57	0.01	REPAIRABLES		
3		YULCS	0-1:09058	48EB5D59-E	Component	Aveos Owned	1.00	42.57		Supplier 9	0.01	0.01	42.57	0.01	REPAIRABLES		
4		YULCS	0-1:09058	49FF7146-A	Component	Aveos			L	lier 9	0.01	0.01	42.57	0.01	REPAIRABLES		
5		YULCS	0-1:09058	4BC512B2-9	Component	Aveos Ne	w colun	nns adde	ed in	lier 9	0.01	0.01	24.75	0.01	REPAIRABLES		
6		YULCS	0-1:09058	4C2878D9-A	Component	Aveos	Itiline			lier 9	0.01	0.01	24.75	0.01	REPAIRABLES		
7		YULCS	0-1:09058	4C9E7E03-3	Component	Aveos	i cini c			lier 9	0.01	0.01	42.57	0.01	REPAIRABLES		
8		YULCS	0-1:09058	5200C120-A	Component	Aveos Owned	1.00	42.57	00198	Supplier 9	0.01	0.01	42.57	0.01	REPAIRABLES		
9		YULCS	0-1:09058	53F1A37A-8	Component	Aveos Owned	1.00	42.57	00198	Supplier 9	0.01	0.01	42.57	0.01	REPAIRABLES		
10		YULCS	0-1:09058	54D98F1B-0	Component	Aveos Owned	1.00	42.57	00198	Supplier 9	0.01	0.01	42.57	0.01	REPAIRABLES		
					4												) b

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

*	D	Select Revaluation					1			갸 틈	₽ ←	? 🖬 🖪
	iearch	ı Criteria	Revaluation # Storage Location Stock Correction #	-	New fields S Location add Search Crite	torage ded in ria		Status Warehouse # Voucher #	Y			
- <u>-</u> -	Searct	ı Details	Revaluation Period 01 Apr 2017 - 30	Apr 2017 💌	Search					New field added	Status	_
44	•	1 - 5 / 15 🕨 🗰 🝸 🟹						8 C # # III	All		r	Q
#		Revaluation #	Status	Voucher #	Sto	ck Correction #		Revaluated Value		No. of Items Affe	ted	
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								F

### Ability to display annual consumption details for kit constituents parts

Reference: AHBG-17980

#### Background

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

#### **Change Details**

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

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

Build Kit	Details:		
Kit Part	Kit Part Qty	Kit Constituents	Constituent Qty
KIT1	1	KS1	2
KIT1	1	KS2	3

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

Kit Constituent	Consumed Qty
KS1	2
KS2	3

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

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

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

Reference: AHBG-15282

#### Background

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

#### **Change Details**

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

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

## ramco

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

#### Transfer) screen.

📗 Edit Serial # / Lot # Details				7	ā ;	<b>→</b> ←	?	6
Stock Transfer Information								
Stock Transfer # ST-0010	53-2017		From Warehouse # YULCS					
From Stocking Point RAMCO	ou		To Stocking Point RAMCO OU					
Trading Partner Type								
Trading Partner #			Trading Partner Name					
Line # 1 V	Get Details							
Part # 3-1435-	3:M14451		Part Control Type Lot Controlled					
Preferred Condition New			To Warehouse # 0123					
Transfer Qty. 2.00	EA		Stock Status Accepted					
Storage Information								
$( \ \ ( \ \ 1 \ -1/1 \ ) \ ) \ + = \square \ \not < \ \Diamond \ ( \ T \ T_{x} \ )$			≌ № € <b># = III</b> Al		r			Q
# 🗈 Lot # 👂 Manufacturer Lot # 👂	Serial # 🔎	Qty. Remarks						
1 🖾 LOT-005912-2013 cv2		39.00						
2								
Convert Document Status To Fresh								
		Edit Corial # / Lat # Dataila						
		Edit Serial # / Lot # Decails						
Authorize Inter Warehouse Stock Transfer								
Created by DMUSE	R		Created Date 10/03/2017					
Last Modified by DMUSE	R		Last Modified Date 17/08/2017					



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

Record Shipping Note					44		493 494 495 >	₩ 495 /500	x 🖽 🖶 s	1 ← ? 🗔 🖪
Shipping Document Details										
Chipping Note #			Chabus					Numbering Trues		
Shipping Note #	Town David	5	Status				r	loos Status	N 🔻	
Shipping Note Type Shipping Warehouse #	Issue based		Shinmont Date	14/00/2017	1000		ci	binment Time	-22-54	
Beginiant Info	YULCS	2	Silpment Date	14/09/2017			5	inpitient time 12	:33:56	
Recipient into Sender into										
Ship To Address Details										
Ship To	Supplier 💌		Ship To Code	00000	Get Detail	ls	Ship To /	Address ID 1-Paym	ent 🔻	
Recipient Name	A & R Taurpaulins, Inc.	5	Ship To Address	74 N WASHINGT	DN add 2			City BATTLE	CREEK	
State	MI		Country	UNITED STATES				Zip Code 49017		
	Residential Address?									
- Contact Info										
Contact Person	John		Fax #	2234234234				Phone # 676786	8767	
Extn.			Mobile #	8767867866				Email john@r	aco.com	
- Freight Details										
Carrier Code	Ŧ		Shipping Method			Ŧ		INCO Terms CF	R 🔻	
Shipping Payment	V Classical Clas		Freight Terms					Freight Charge		CAD 🔻
	Collect on Delivery		Collect Amount		CAD 🔻			Collection Type	V	
Vehicle # / Flight #		V	ehicle / Hight Date					Bill of Lading #		
Way bill #			Way Bill Date		100			Freight billable?	•	
Packsip #			Packslip Date							
T Insurance Details										
Packaging Details										
Part Details										
						_				
$(1 - 3/3) \rightarrow (1 -$					YFAX		C # # III	All	•	Q
# 🖻 Part # 👂 Histo	Part Description	Quantity	UOM P	Serial # 🔎	Lot # 🔎	Man	ufacturer Lot # 🔎	Unit Cost	Currency	Value
1 🗇 0-00-21200-19927-	ENGINE	1.00	EA		LOT-007935-2	2016 APO	00358616/1	19.0	0 CAD	<ul> <li>19.0000000</li> </ul>
2 0-0440-4-0001:36361	ENGINE	1.00	EA	59				19.0	O CAD	19.00000000 10.00000000
4	ENGINE	1.00	EA	67				19.0	CAD	V 19.0000000
									unu -	
<										>
+ Container Details										
+ Other Details								1		
Reco	ord /Update		Confirm			Canc	el		Reverse	
Record Hazmat Compliance		Attach Documents				Gen	erate Shinning Note Re	nort		
Upload Documents		View Associated Doc. Atta	achments			301	and a strapping note ite			
View Customer Records		View Supplier Details								

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

*	D	View	Serial #/ I	.ot # / Co	ndition D	etails						Ramco Role - R	AMCO OU 🚅 🖶 🛱	1 <del>+</del> ?	5
	itock	Conve	rsion Informa	ation											
			Stock Conv	version # SSC	C-000455-20	17			Status Dra	ft		Warehou	ise # WH-TESTING		
-	itorad	je Info	rmation	Line # 1	•	Get Details									
	4	1 - 1	0 / 49										•		Q
#	In	PCT	line #	Part #	Int#	Manufacturer Lot #	Serial #	Otv.	Stock IIOM	From Condition	 To Condition	Remarks	From Stock Status		
1	E		1	0-0511-4-	LOT-	3123	Denor II	2.00	FA	Overhauled	i consisten	(Canoria)	Customer Owned		
2			1	0-0511-4-	LOT-	6701C387	4	2.00	EA	Overhauled			Customer Owned		
3	E	-	1	0-0511-4-	LOT-	D38D5BFC		2.00	EA	Overhauled			Customer Owned		
4	E		1	0-0511-4-	LOT-	B05D292D		2.00	EA	Overhauled			Customer Owned		
5	E		1	0-0511-4-	LOT-	EBD6E3C9		2.00	EA	Overhauled			Customer Owned		
6	E		1	0-0511-4-	LOT-	38E070F0		2.00	EA	Overhauled			Customer Owned		
7			1	0-0511-4-	LOT-	A3AB875F		2.00	EA	Overhauled			Customer Owned		•
8	E	÷	1	0-0511-4-	LOT-	BB6A5A68		2.00	EA	Overhauled			Customer Owned		4
9	1		1	0-0511-4-	LOT-	D4664056		2.00	EA	Overhauled			Customer Owned		•
10		÷	1	0-0511-4-	LOT-	2CA00235		2.00	EA	Overhauled			Customer Owned		
					<										>
Part	Fag Re Recor	port d Stati	stics				Generate Part E	arcode Labe	ł						



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

🔺 📗 View Loan / Rental Re	ceipt					Ramco	o Role - RAMCO OU 🥡 🖌 1 2 3 4 5 🕨 🖬 3 /7 🕮 🖶 🗲 🖓 🗔 🗷
- Receipt Details							
Loan/Rental Receipt #	LRR-000819-2017				Status	Cancelled	
Receipt Date	21-Aug-2017				User Status		Category
- Ref. Document Details							
Ref. Document	Rental Order				Ref. Document #	RO-000313-201	17 Ref. Document Date 21-Aug-2017
Amendment #	0						
Trading Partner Information							
Trading Partner	CUSTOMER				Trading Partner #	400007	Trading Partner Name Air India
Ref. Document Part Information							
Part #	SC1				Part Description	stock correction	testing Part Type Expendable
Part Control Type	Lot Controlled			_	Serial #		Component #
Lot #	LOT-008747-2017			L	Manufacturer Lot #	5	Condition New
Order Quantity	1.00				Pending Quantity	1.00	
+ Consignment Details							
Receipt Part Information	661				Docoint Quantity	1.00	Dark Descriptionhallhin half
Part #	501				Carial #	1.00	Compared the
Manutacturer Senai #					Senal #		Component #
+ Certificate Details	I OT_009747_2017				Manutacturer Lot #	5	
Inspection Details							
Accepted Quantity					Rejected Quantity		Quarantined Quantity
Condition	New				Inspected By		Inspected Date
Reason							
Parameter Details							
🐗 🖣 [No records to display] 🕨	T Tx						
# 🗆 Parameter UOM	Unknown?	TSN TSO	TSR	TSI	TSV Wa	rranty?	Warranty Value
							-
					Found n	o rows to displa	a A initial and a second se
Ctorage Information							
Warehouse#	0122				WH - Zone #	02	Rin # 1
Charle Charles	0125				WIT-2011C #	02	
User Defined Details	ACCEPTED-NEW						
User Defined Option -1				Us	ser Defined Detail -1		Remarks
Attachments							
-	File Name						
View Charge Details			View Hazmat	t Complianc	e		View Associated Doc. Attachments
Generate Part Barcode Label							
Record Statistics							
_	Created by	DMUSER.					Created Date 21-Aug-2017
	Last Modified by	DMUSER					Last Modified Date 14-Sen-2017
	Confirmed by						Confirmed Date
	Commod by						Comminde Date

## WHAT'S NEW IN WARRANTY MANAGEMENT?

## **Ability to Setup MRO Warranty Agreement**

Reference: AHBG-17004

#### Background

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

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

#### **Change Details**

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

#### Manage MRO Warranty Agreement – Agreement Details

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

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

- OEM Warranty Indicates that MRO maintains warranty offered by OEM to its customers, MRO being authorized vendor to the OEM.
- Part Sale If MRO offers warranty to customers for parts sold by them
- Service Sale If MRO offers warranty for parts serviced by them
- 11. Specify the Agreement Date and Start Date / End Date (Agreement Validity period).
- 12. The screen provides various tabs to identify and save the Parts covered under the Warranty Agreement, Warranty details, Warranty Terms, aircraft Details, customer details, inclusion / exclusion terms against the warranty agreement and back billing details.
- 13. Once the details in the Part Coverage Details, Warranty Details and Warranty Terms are saved, the warranty agreement can be confirmed and authorized.
- 14. Cancellation of the agreement will be supported when the document is in 'Draft' or 'Fresh' status.
- 15. If an authorized document is modified, then a new revision will be generated. Once the new revision is authorized, the old revision will go to 'Revised' status.

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



#### Manage MRO Warranty Agreement - Part Details tab

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



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

Pa	rt De	tails Warranty	Details Warrar	nty Terms	Aircraft Details	Cu	istomer Details	Othe	er Details	Back Billing Details					
44	•	1 - 2 / 2 🕨 🕨	* + - 0 *	• <b>T T</b> <sub>x</sub>						Y D D X		9 <b>G</b> 🔒	🗯 💷 📬 📈 All	V	<u>م</u>
#	8	Part # 🔎	Part Type	Part Classificat	tion Part Grou	0	Part Category		Applicable	on Child Parts?	MTBUR	MTBF	Remarks	Part Description	- 1
1		100-01-	Miscellaneous 🗸	Controllable	✓ FP PARTS	I 🗸	Heavy Maintenan	ce 🗸	No	~				EXTENSION, 10"X BAR	
2		ZZBA1010-	Component 🗸	Repairable	✓ nothing	~	Others	*	Yes	~				CONNECTOR	
3			~		*	~		~		*					
										Save					-

#### Manage MRO Warranty Agreement – Warranty Details tab

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

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

Image: Construction of the image: Constructine of the image: Construction of the image: Constructi	22 <sup>1</sup> / 1 = 11 11 / All ▼ v. from Model ≠ <i>P</i> Rmv. from A/C Reg. ≠ <i>P</i> Customer ≠ <i>P</i> Eq.	Q quipment Category
#     Warranty Type     Part # P     Part Type     Part Type     Part Group     Part Group     Part Category     Part Condition     Rmw. from Model # P       1     INSPECTION v     10-617980-     Consum v     None v     400604-CM-CLT v     v     v       2     V     V     V     V     V     V     V	v. from Model # P Rmv. from A/C Reg. # P Customer # P Eq	quipment Category
1       INSPECTION       v       10-617980-       Consum       v       400604-CH-CLT       v       v         2       v       v       v       v       v       v       v		
2 • • • • • • •		
		-
Save		,

#### Manage MRO Warranty Agreement – Warranty Terms tab

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

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

Part Details Warranty Details	Warranty Terms	Aircraft Details	Customer Details	Other Details	Back Billing Details				
Applicabilit	y 📃 Material Cost	Labour Cost	Shipping Cost	Other Cost			Warranty Transfer for Repl. Part No		Ŧ
Failed Part Disposition	Hold 🔻		Notify F	ailure within (Days)		0	Claim Remedy	Part Replacement	Ŧ
Insurance borne by	MRO 💌		Max.	# of Annual Claims		5	Max. Value of Annual Claims	500.00	
GTA Details	SFSHGFR								
Additional Terms	TDGH								
Notes	NOTES								
					Save				
				_					



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

## ramco

#### 49 | Enhancement Notification

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

Pa	rt D	etail	s Warranty Det	ails Warranty Te	erms Aircra	ft D	etails Customer	Details Other Deta	ails	Back Billing Details					
44															Q
#	1	3	A/C Model # 🔎	A/C Reg # 🔎	Part Type		Part Group	Equipment Group		Equipment Category	Aircraft Induction Date	Aircraft Operation Date	Remarks		
1			00000	1000	Kit	•	MOVABLE CO 🗸	Srikanth 💊	~	D1 🗸					
2		2	00000	105HQ	Component	×	VOLARIS FHC 🗸	Global Communicat 🔨	~	*					
3						•	~		~	~					
			Aircraft Coverage	e Notes %											
			,							Save					



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

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

Par	t Deta	ils Warranty Details	s Warranty Terms	Aircraft Details	Customer Details	Other Details	Back Billing Details				
44	4	1 - 2 / 2 🕨 🕨	+ - 🗇 🛠 🕇 🗛					· · · · · · · · · · · · · · · · · · ·	< All	•	Q
#		Customer # 🔎	Customer Name	Customer Group	Contract References	Remarks		File Name 🔎	Operator	Customer Category	Customer Status
1		101	Customer Name with	RAM & CO	<ul> <li>FBDFHBD</li> </ul>	GVFSR			AC		Α
2		400007	Air India	DOMESTIC CUST	GMBH	DSZCF			AC		Α
3					*						
		View File									
		Customer Coverage N	lotes %								
						S	Save				

#### Manage MRO Warranty Agreement – Other Details tab

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

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

F	art D	etails	Warranty Details	Warranty Terms	Aircraft Details	Customer Details	Other Details	Back Billing Details					
	•	1	-1/1 > >> +						XZİX	# # III 14	× All	<b>T</b>	Q
#	1	Т	&C Type			Terms and Conditions							
1		E Ir	nclude		~	TESTING							
2					*								
								Save					

#### Manage MRO Warranty Agreement – Back Billing Details tab

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



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

Part Details	Warranty Details	Warranty Terms	Aircraft Details	Customer Details	Other Details	Back Billing Details		
	Bill to Customer # 👂	400007			Customer Nan	ne Air India	Contract References	FINE
	Billing Terms	TERMS						
						Save		

#### Help on MRO Warranty Agreement

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

Exhibit 9: Identifies the Help on MRO Warranty Agreement screen

Help on MRO Warranty Agreement				🖶 🛱 ち 🖾 🗙
Agreement #	Revision #		Agreement Type	
Agreement Category	Agreement Description		Agreement Status	
User Status	Agreement Date: From	111	Agreement Date: To	
	Sei	arch		
Search Results				
				▼ 0
# Agreement #	Revision #	Status	Agreement Description	Agree.
	C	Ж		

## Ability to manage parts under MRO Warranty

Reference: AHBG-17078

#### Background

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

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

#### **Change Details**

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

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

#### Manage Parts under MRO Warranty

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

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

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

													_	
D)	Man	age Parts under	r MRO Warranty								Ra	mco Role - RAMCO OU 🔻	그	← ? 🗔 🖪
	earcl	h Criteria												
			Part #				Part Description	n				Agreement # Part	t Sale 🔻	
		Se	arch On Lot #	•			Statu	<ul> <li>Fresh</li> </ul>		-		60		
	Varra	ntv Details					Statu	5 110011						
				_					_					
44	•	1 -1/1 ▶ ₩	+-0**1	r <u>.</u>					人口口	X 🛛 🗒 🛪 🖨	# # 000	N 🕺 All	•	Q
#		Part # 🔎	Part Description	Serial # 🔎	Mfr.Serial # 🔎	Lot # 🔎	Mfr.Lot # 🔎	Agreement T	уре	Agreement # 🔎	Revision #	Warranty begins on	Start Date	End Date
1		02-06-2103:P0283				LOT-008798-	TVF10101	Fresh	*	MWAR000018-2017			▼ 05-12-1995	01-01-1990
2								Fresh	*				*	
				4				_						
				4										,
								Save						

Chilling

#### Manage Warranty Parameter Value pop-up

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

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

Se Details	Part #	Part Description Status	Ŧ	Agreement # 🖉 💌
-5/5 > >>	$+$ - $\Box \neq T$ T,		YF2XE3×6	# # [II] All 🔻
Manage Wa	irranty Parameter Value			ē ⊄ ? ⊡ (
-	Part # 100-01-1053:99999	Serial # Srl10	0	Mfr. Serial #
44 4 1	-1/1 > >> + - ⊡ ∻ ☆ ☆ ▼	T <sub>x</sub>		Warranty Value
1 🗖 FH 2 🗖	4	Flying Hour	HRS	50.0
		Save		

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

## WHAT'S NEW IN PURCHASE ORDER AND REPAIR ORDER?

## **View Approval History in Authorize and View PO**

Reference: AHBG-16021

#### Background

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

#### **Change Details**

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

Note:

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



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

	> Procurement Management > Purchase Order > Select Purchase Order       Select Purchase Order     ✓														
D	Sele	ect Purchase Order										7\$	<b>₽</b>	- ?	Ē.
-	Searc	h Criteria													
		Purchase Order #				PO Type					Supplier #				
		PO Category	•			User Status		•			Created by				
		Buyer Group		•		Expense Type	•				Expense to	-			
		PO Date: From / To	l	<b>**</b>	Ē	Part # / Mfr. Part #					Part Type		•		
		Purchase for		•		Subcontract	]								
						Search	View Part Info								_
-	Searc	h Results													
44	•	1 - 10 / 89 🕨 🗭 🕂 🖆	T Tx				<u>ل</u> م ا		1 x C	# # III	All	T			Q
#		Purchase Order #	Amendment	PO Date	Supplier #	Supplier Name	PO Value	Currency	FLG	Part #	Part Description		Qty	UOI	M
1		APO00284614		25-06-2014	00060	Supplier 3	450.00	CAD	₽.						
2		APO00285114		27-06-2014	00060	Supplier 3	10.00	CAD							
3		APO00285314		27-06-2014	00060	Supplier 3	10.00	CAD	₽.						
4		APO00285414		27-06-2014	00060	Supplier 3	10.00	CAD	₽.						
5		APO00285514	1	30-06-2014	00060	Supplier 3	100.00	CAD	- 🔜						
6		APO00285714		30-06-2014	00060	Supplier 3	450.00	CAD	- ₽	Or	n clicking th	nis icon, PO			
7		APO00285814		30-06-2014	00060	Supplier 3	10.00	CAD	₽.	Au		r trail popup			
8		APO00287014		01-07-2014	00060	Supplier 3	10.00	CAD	- ₽	is	displayed				
9		APO00289114		08-07-2014	00000	Supplier 2	2,387.00	USD	- ₽	15 0	aispiayeu				
10		APO00289714		28-07-2014	00000	Supplier 2	640.00	USD	- ₽						

Exhibit 2: Identifies the Approval History displayed in PO

			🗐 🤔 ★ 😁 ₩	Default Window 🚽 🏾 Themes 🚽 <mark>Search</mark>	Qu	ick Code 🔹 🔸	Ramco Role - RAMO	amco co ou
> News ↑ News ↑ ↑ ↑ ↑ ↑	Approval History Purchase Order : APO003 10/17/2017 Org. Name RAMCO OU	13417	٢	Mohamed Saleem Senior Buyer		₽?	C X	
Se	Level User		Date	Comments				_
		vindarajan T ver	10/17/2017 15:47:02		۲			
	2 👰 La Put	wson rchasing Manager			۲			
—-s								_
#								Q
2								
	Approved Pendin	g 🕒 Rejected						
Purchase Or	rder -> View Purchase Order						59 Minute(s)	2.57

## View Approval History in Authorize and View RO

Reference: AHBG-16224

#### Background

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

#### **Change Details**

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

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

<u></u>	Repa	ir Order Management >	Repair Order 🔰 Select Repa	ir Order		~							
*	D	Select Repair Order								2	; ;;	+ 3	) 🗔 🖪
	irect	Entry		16									
		Repair Order #		View RO									
	nmar	y Search Criteria Adv	anced Search Criteria										
		Repair Order #		stants stants		Shop Job Type		T	Stat	us		•	
		Date: From / To	RO Date 🔻 20-08-2017	iii 20-09-2017 iii		Repair Shop #			Repair Sh	op			
		Buyer Group	•			RO Category		•	Customer	#			
		Part # / Mfr. Part #				Serial #			Lot	#			
		Expense Type	•			RO Type		•	Prior	ty		-	•
		Ref. Document Type	•			Ref. Document #			<u> </u>		_		•
		Repair for	▼						On clicking this	icon, RO			
									Approval Histor				
										v rop-up w	-		
						Search			be displayed				
_									$\neg$ $\frown$				
	earch	Results											
44	4	1 - 10 / 16 🕨 🕨 🝸	Tx				7				•		Q
#		Repair Order #	Repair Shop #	Repair Shop	Part #	Mfr. Part #	Serial #	App. His.	si	ipped ?	Part Type		ATA #
1		REP-000221-2017	00000	Supplier 2	0-00-21200-	0-00-21200-19927-1			Re No		Raw Mate	erial	
2		REP-000222-2017	00060	Supplier 3	N21F2-90-R-	N21F2-90-R-1	EF2E8E1D-2		R No		Compone	nt	00-00
3		REP-000223-2017	00198	Supplier 9	0-0440-4-	123	MSN-2016-25		P Ye	s	Compone	nt	72-00
4		REP-000224-2017	00198	Supplier 9	0-0440-4-	123	MSN-2016-27		P Ye	s	Compone	nt	72-00
5		REP-000225-2017	00000	Supplier 2	0-1:09058	0-1	5532B7BA-7D		P Ye	s	Compone	nt	138-20

ramco



Exhibit 2: Identifies the Approval History popup displayed for RO

		🗏 ᄰ 🛧 🖶 🕅		Themes 🚽 <mark>Search</mark>	Quick Code   Ramco Role - RAMCO Ramco Role - RAMCO	nco 0 OU
News	Approval History           Repair Order : REP-000179-2017           10/24/2017           Org. Name RAMCO OU	9	Mohamed Saleem Senior Buyer		1 ? G X	
Pr	Level User	Date	Comments		-	
	1 Lawson Purchasing Manager		Αμμιονεά	۲		
	2 Govindarajan T Buyer					
					=	
•					٨	C
# 1					b	# 0
	Approved	ed				
Repair Ord	er -> View Repair Order				P 59 Minute(s) 4:	:01 P

# 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

$\star$	D)	Purchase Option §	Settings								7\$		₽ ←	?	
										Date Format	dd-mm-yyyy				
	Purch	ase Option Settings —													_
				Part Not Mapp	ed to Supplier	Allow all PO and do not Map Part to Supplier	•								
			А	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 Under	Def.Component #	for Inspection	•									
	Cat	egory 'Benair (	)rdor'	Component Maintenance P	Program Check	Non-Mandatory 💌									
	Cat	cycry nepan c	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 🔻									
	Additi	onal Purchase Options													
_					Category	Repair Order									_
44	4	1 - 5 / 25 🕨 👐		Tx			上上に			All		•			Q
#		Category	Ameter		Permitted Valu	e	Value	Status	Error Message						
1		Repair Order	A ow Cost Amendm	ent of Invoiced RO	Enter '0' for 'N	ot Required' , '1' for 'Required'	1	Defined							
2		Repair Order	Allow modification o	of taxable amount	Enter '0' for 'N	at Allowed' , '1' for 'Allowed'	1	Defined							
3		Repair Order	Allow Repair Shop S	hipping Date earlier than	Enter '0' for 'N	o' , '1' for 'Yes'	1	Defined							
4		Repair Order	Allow shipment of S	pares until receipt of	Enter '0' for 'N	o' , '1' for 'Yes'	1	Defined							
5		Repair Order	Amendment of RO w	when GR is in Received	Enter '0' for 'N	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:

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

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

#### Manage Repair Quote screen:

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

#### 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.

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

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	Tax	Va r
1.	PGrp 1	SGrp 1	RO	Norma I	WhGrp 1	Doc	TN	AP	17/02/1 5	20/02/1 5	3	SGST1	V1
2.	PGrp 1					Doc			17/02/1 5	20/02/1 5	1	SGST2	V2
3.	PGrp 1	SGrp 1				Doc	AP	KA	17/02/1 5	20/02/1 5	4	CGST 3	V3
4.	PGrp 2	SGrp 1	RO	Norma I	WhGrp 1	Doc	TN	KA	17/02/1 5	20/02/1 5	2	SGST4	V4
5.	PGrp 1	SGrp 1	RO	Norma I		Doc	КА	TN	17/02/1 5	20/02/1 5	6	SGST2	V5
6.	PGrp 1	SGrp 1	RO	Norma I		Doc	TN	TN	17/02/1 5	20/02/1 5	5	IGST1	V6

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

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





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



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

🗎 Manage Repair Quote				# 🖩 🖶 🖨 🗧 🕞 🖪
Repair Order # 👂 AFRO-000032-2011 Go	Amend. # 0 🔻	RO Date 01-12-2011	Quote Status Complete	RO Status Quoted
R0 Details	View Reference Doc.	Details Repair Shop Details		
Priority Quote Basis Manual	Shop Job Type Piece Part Expense Type Revenue	Repair Shop # 👂 Currency	W0087 R	tepair Shop Name Supplier 651 Exchange Rate 1.50000000
RO Category CS-REPAIR V Exchange Type V	RO Type Normal Core Return Option No Change Allowed	Contact Person P	OV01 - CARESSA(OV) 972-314-3 VIEW Price Held	Firm Time (Days)
Total BER Cost     Total Salvage Cost       0.00     0.00	Total Cost 31166.00	Base Currency Value 31789.32	Total TCD Amount Total TCD Am	nount (Base Currency) 3229.32
Repair Quote Details Supplier, Part & Warranty Details				
(4) 4 1 - 10 / 14 > >> + - 🗇 🛠 T Tx				
# Description	RO Qty UOM Quote Qty	Repair Cost Exchange C	Cost List Price BER?	SER Cost Salva
1 □ 1/LA5D10500HM0100:F6   POWER SUPPLY CARD	5.00 EA 5.00	2,000.00	10,996.09	
2	5.00 EA 5.00	2,000.00	10,996.09	Two new tiles added
3 □ 1/LA5D10500HM0100:F6   POWER SUPPLY CARD	5.00 EA 5.00	2,000.00	10,996.09	
4 □ 1/LA5D10500HM0100:F6   POWER SUPPLY CARD	5.00 EA 5.00	2,000.00	10,996.09	

#### <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.

## ramco

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

*	D)	Manage Purchase Tax R	ules										고 륨 덛 ← '	? 🗔 🖪
	earci	ules		Search On	Document Type	V	•			GO				
44	4	1 - 10 / 25 > >> +> + -	0 % T T.				٦	<u>h</u> 5 7		x4 C II = III	A	II	<b>v</b>	Q
#		Supplier Group	Warehouse Group		Account Usage 🔎	Expense Category	Tax Region from	Tax Reg	ion to	Applied on?		Tax Code 🔎	Tax Code Desc.	
1		GST PARTS VENDOR	<b>*</b>	*		FACILITY MANA			~	Part/Line	~	DIS_PER	Discount Percentage	
2			*	*		FACILITY MANA	TS .	AS	~	Document	~	HST ON	HST - Ontario	
3		GST PARTS VENDOR	<b>~</b>	•		FACILITY MANA	AD .	сн	~	Document	~	ТХ	Payable	
4		GST PARTS VENDOR	*	*		FACILITY MANA			~	Document	~	BL	Input Tax Expense	
5		GST PARTS VENDOR	• -	v		FACILITY MANA		·	~	Document	~	IM	Recipient -Rev. Chg.	
6		GST PARTS VENDOR	<b>~</b>	Expense (	ategory	FACILITY MANA	BH	СТ	*	Document	~	IS	Recipient -Expense	
7		GST PARTS VENDOR	<b>~</b>	Experise v		FACILITY MANA		·	*	Document	~	EP	Recipient -Rev. Chg.	
8		GST PARTS VENDOR	¥	added in	multiline	FACILITY MANA V			*	Part/Line	~	TX	Payable	
9		GST PARTS VENDOR	*	•		FACILITY MANA V		·	~	Part/Line	~	BL	Input Tax Expense	
10		GST PARTS VENDOR	*	*	131000	FACILITY MANA ¥	AD .	AR	*	Document	•	IS	Recipient -Expense	
		4												+
						Save								
View	Tax Co	ode			View Tax Attribute									

#### **Repair Order Report**

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

## WHAT'S NEW IN LOAN ORDER?

### Ability to Loan parts on behalf of Customer

Reference: AHBG-15106

#### Background

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

#### **Change Details**

#### Logistics Common Master

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

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



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

★ 📄 Purchase Option Settings		Ramco	Role - RAMCO OU 👻 🚅 🖶 🗲	? 🖬
			Date Format dd-mmm-yyyy	
Purchase Option Settings				
Part Not Mapped to Supplier	Allow all PO and Map Part to Supplier	T		
Allow Supplier as Manufacturer Reference	Yes 💌			
Allow Movement to Different Warehouse	Allowed 👻			
Apportion Doc TCDs to Line Items on	Basic Value 🔻			
Def.Component # for Inspection				
Component Maintenance Program Check	Non-Mandatory 👻	I		
Matching Type Policy	4-Way 🔻			
Mandatory Check for Source WC# in PR /PO/ RO	Required for non-execution related docs			
Calculation of Shelf Life Expiry Date	Automatic 💌	New parameters added		
User Rights for Repair Agency Classification	Do not Enforce	under the category (Loan		
Additional Purchase Options				
Category	Loan Order	Order.		
			All	Q
# 🗇 Category	Parameter		Permitted Value	
1 🗈 Loan Order	Allow modification of taxable amount		Enter '0' for 'Not Allowed' , '1' for 'Allowed'	
2 🔲 Loan Order	Amendment of Closed Loan Order		Enter '0' for 'Not Allowed' , '1' for 'Allowed'	
3 🔲 Loan Order	Default value for "Loan for"?		Enter '0' for 'Self' , '1' for 'Customer'	
4 🗈 Loan Order	Loan Order on behalf of Customer?		Enter '0' for 'Not Allowed' , '1' for 'Allowed'	
5 🖹 Loan Order	Tax Inheritance		Enter '0' for 'Not Allowed' , '1' for 'Allowed'	
<				>
	Set Options			
Record Statistics				
Last Modified by DMUSER		Last Modified Date 21-5	Sep-2017	

#### **Customer**

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

- 'Loan Parts on behalf of Customer?' provides the following options:
  - o Allowed Loaning of Parts on behalf of the given Customer is allowed.
  - Not Allowed Loaning of Parts on behalf of the given Customer is not allowed.
- 'Default numbering type for Loan Order'
  - Specify a valid numbering type applicable for Loan Order transaction.
- 'Default numbering type for Loan/Rental Receipt Transaction Document'
  - o Specify a valid numbering type applicable for Loan/Rental Receipt transaction.
- 'Default numbering type for Loan Order Issue'
  - o Specify a valid numbering type applicable for Loan Order Issue transaction.
  - Note: The specific customer set options can be set only if the Organization level set option for Loan & Rental on behalf of customer is set as 'Allowed' in the Purchase Options Settings activity of the Logistics Common Master Component.



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

\star 📋 Manage Additional Options				Ramco Role - RAMC	0 OU 式			? 🛛	ō K		
Customer Info											
Customer #	Customer Name	Customer Category									
Definition For		and the second second									
Category Loan for Customer	× v	ew options added Under									
Parameter Details	Ca	ategory 'Loan for Customer'.									
< <p></p>			¥	A 🖮 00 🔺 🕹		Ŧ			Q		
# Category	Parameter	Permitted Values	Value	Error Message			Created	by			
1 🗇 Loan for Customer	Loan Parts on behalf of Customer?	Enter '0' for 'Not Allowed', '1' for 'Allowed'									
2 🖻 Loan for Customer	Default numbering type for Loan Order	Specify a valid numbering type applicable for									
3 🗉 Loan for Customer	Default numbering type for Loan/Rental Receipt Transaction Docu	ment Specify a valid numbering type applicable for									
4 🗉 Loan for Customer	Default numbering type for Loan Order Issue	Specify a valid numbering type applicable for									
5											
				I							
<		Save						>			

#### Tax Charges and Discounts

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

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

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

*	Ð	Manage Purchase Tax Rule	es								Ramco	Role - RAMCO OU 🔻 🖂		₽ ← ?	Q K
-	Searc	ch Criteria													
					Search On	Document Type	▼ Loan C	)rder	•		GO				
	Tax R	Rules													
44	•	1 - 2 / 2 → → + - □	* 1	Υ. Υ <sub>x</sub>		1		1		X 🖸 🖬 📽 🔮	# # 00	All		r	Q
#		Part/Service Group	-	Document Type	2	Document Sub Type		Service Category		Purpose		Supplier Group		Warehouse Grou	p
1		ROTABLES	~	Loan Order		<ul> <li>LO-Exchange</li> </ul>	*		*		*		*		
2		ROTABLES	~	Loan Order		<ul> <li>LO-Regular</li> </ul>	*		*		*	GST Vendor	*		
3		1	*		,		v		*		*		*		
		4					New valu Type' an added.	ues in fields ' d 'Document Save	Document : Sub Type'	are					•
Viev	/ Tax C	Code				View Tax Attribute									

#### Loan Order

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

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



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

★ 🗎 Select Par	rt #							Ramco Role - RAMCO OU	- ≭ 膏 ♬ ← ? Б	
Direct Entry										
Count Criteria	Pa	rt #	Cr	eate Loan Order						
- Search Criteria	Dar	+ #	_		Part Description			Part Tyrne		
	Dart Catag				Location			Warehouse #		
	Condition	ion -			Location	v	1	warehouse #	•	
	Condit	•				and	Ь	·		
Search Results					5	sarch				
44 4 348 - 357 /	35/ • •	- T T <sub>x</sub>						Two columnar approach is		), C
# 🖸 Part #	P	Part Description	UOM	Condition	Part Type	Part Category	Lou		Varehouse #	
348 🖹 :35895	E	XPRESS U.S.RATE SH EET	EA		Consumable	NA-MISC	RA	changed to three columnar	123	
349 🖹 :35895 CO	ST te	est	EA		Consumable	NA-MISC	RA	approach.	123	
350 🖹 :35895 CO	ST te	est	EA		Consumable	NA-MISC	RA		rulics	
351 🖹 :35895 CO	ST te	est	EA		Consumable	NA-MISC	RAN	ICO OU	0123	
352 🖹 :35895 CO	ST te	est	EA		Consumable	NA-MISC	RAN	ICO OU	0123	
353 🖹 :35895 CO	ST te	est	EA		Consumable	NA-MISC	RAN	1CO OU	0122	
354 🖹 :35895 TES	T te	est	EA		Consumable	NA-MISC	RAN	1CO OU	0123	
355 🗉 :35895 TES	T te	est	EA		Consumable	NA-MISC	RAM	1CO OU	YULCS	
356 🗉 :35895 TES	T te	est	EA		Consumable	NA-MISC	RAN	1CO OU	0987	
357 🖹 :35895 TES	T te	est	EA		Consumable	NA-MISC	RAM	ICO OU	0123	
										_

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

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



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

I Under Loop Order         Interform Tork         Int	Create Lean Order		
I to a other tetes   Single 2 P <td></td> <td></td> <td>Ramico Role - RAMICO OU 🥡 🕴 351 352 353 354 355 🕨 352 /357 🎝 🖶 🖓 🗲 🏆 Lo 🖪</td>			Ramico Role - RAMICO OU 🥡 🕴 351 352 353 354 355 🕨 352 /357 🎝 🖶 🖓 🗲 🏆 Lo 🖪
Laboration laboration	Loan Order Details	March astron V.	
Land valer vale (2.49-p2/) m to (2.49-p2/) m t	Loan Order #	Numbering I	Pe LO ▼ Status
Severe 14 ar Use 1000 U   Gray Calad Assent for yr P   Status' is changed to 'Stock Calagon is under the set of t	Combine the 22-Sep-2017		Existing field 'Internal Stock
Interview Interview    Interview I	Supplier # 2 00141	Pa	Part Description test
Loter Loter Strete Color   Concertaintie Cancer Loter Strete   Concertaintie Cancer Loter Strete   Concertaintie New Social Lag   Concertaintie Social Lag   Concertaintie New Social Lag   Concertaintie Social Lag   Concertaintie Social Lag   Concertaintie Social Lag   Concertaintie Social Lag   Concertaintie Social Lag   Concertaintie Social Lag   Concertaintie Social Lag   Concertaintie Social Lag   Concertaintie Social Lag   Concertaintie Social Lag   Concertaintie Social Lag   Concertaintie Social Lag   Concertaintie Social Lag   Concertaintie Social Lag   Concertaintie Social Lag   Concertaintie Social Lag   Concertai		User Sta	
Control base   Control base <td>Order Currency CAD V</td> <td>Aircraft Reg #</td> <td>P Status'.</td>	Order Currency CAD V	Aircraft Reg #	P Status'.
Interfer Submathe   Lanter or Cutter   Classe Information's added   State Information's added </td <td>Reason For Loan</td> <td></td> <td></td>	Reason For Loan		
Lutror Lutror   Linko Cgs Loge failure   Heev Section 'Loan for Section 'Loan for   Heev Section 'Loan for New Section 'Loan for   Later Linko Cgs New Section 'Loan for   Meter State Section 'Loan for   Certicator Intel New Section 'Loan for   Certicator Intel New Section 'Loan for   New Section 'Loan for New Section 'Loan for   Certicator Intel New Section 'Loan for   Certicator Intel New Section 'Loan for   New Section 'Loan for New Section 'Loan for   Certicator Intel New Section 'Loan for   Return States Chain New Section 'Loan for   Return States Chain New Section 'Loan for   Return States Chain New Section 'Loan for   Return States Chain New Section 'Loan for   Return States Chain New Section 'Loan for   Return States Chain New Section 'Loan for   Return States Chain New Section 'Loan for   Return States Chain New Section 'Loan for   Return States Chain New Section 'Loan for   Return States Chain New Section 'Loan for   Return States Chain New Section 'Loan for   Return States Chain New Section 'Loan for   Return States Chain New Section 'Loan for   Return States Chain New Section 'Loan for   Return States Chain New Section 'Loan for   Return States Chain New Section 'Loan for   Return States Chain States Chappen for	Loan for Information		
Linker information is added. Bear here here here here here here here h	Loan For Customer 💌	Trading Partner #	Trading Partner Name
Image: Information   Heard: Enderstation   Heard: Enderstation   Heard: Enderstation   Heard: Enderstation   Certificial Try in   Certificial Try in   Heard: Enderstation   Certificial Try in   Enderstation	LO Inv. Org.		
stager far televines Receit for televines	Loaner Information		
New Section 'Loan for   Advert Mormation' is added.   Curriter Try   < td=""><td>Supplier Name</td><td>Address ID</td><td>P 1 Contact Person P</td></t<>	Supplier Name	Address ID	P 1 Contact Person P
i cancel pet i talendari   Information' is added.   i get added.      Stud UOI PA Stud UOI P	Phone # New Sec	tion 'Loan for	ax Email
Include of art is sensible	Address	on' is added	Now field (Addross
Luter Sate Cont   Understand Variable   Parketser Parketser   Parketser Parketser<	Loaned Part Information	off is added.	
United tore Pet al       Sing is 0 (Day (Day (Day (Day (Day (Day (Day (Day	Quantity	1.00 Stock U	ID' added.
Radio Light Print P	Certificate Type	▼ Snip	No RAMCO OU ♥ Warehouse#
Extensional extension     Extension	Manufacturer Part #	Manufacturer Na	me Part Type Consumable
best location BARCO OU     is best location     is best location <td>Lead Parameter</td> <td></td> <td></td>	Lead Parameter		
e beference Cetals   is and Argement #   d>Issue Location RAMCO OU</td> <td>Issue Warehous</td> <td>#</td>	Issue Location RAMCO OU	Issue Warehous	#
Lan Agreent # Supple offer #   I Lan Charges Offer # Penalty Appleable He *   Date Regt Edenomes Offer #   Administrative Charges Paky Calender Based Lase Charge Base   Administrative Charges Paky V   Paranter Essad Lase Charge Base V   Paranter Essad Lase Charge Base V   Paranter Essad Lase Charge Base V   Paranter Essad Lase Charge Base V   Paranter Essad Lase Charge Base V   Paranter Essad Lase Charge Base Total Lan Charges   Order Value Details Administrative Charges In %   Paranter Essad Lase Charge Base Echarge Rate   Base Control Yales Echarge Rate   Base Control Yales Echarge Rate   Base Control Yales Calender Paranter   Order Value Details Calender Paranter   Order Value Details Employee Heme: SpecificHa, DotHene:   Calender Paranter LOO Y T, T, T, T, T, T, T, T, T, T, T, T, T,	Reference Details		
In the Internation   In an Charges In the Rept   In an Charges Net   Aliase Rept   In Charges Policy   Aliase Charges Policy   In Charges Policy   Parameter Based Lase Charges Basis   Parameter Based Lase Charges Basis   In Charges Policy   Parameter Based Lase Charges Basis   Parameter Based Lase Charges Basis   In Charges Policy   Parameter Based Lase Charges Basis   In Charges Policy   In Charges Policy   Parameter Based Lase Charges Basis   In Charges Basis	Loan Agreement #	Supplier Offe	# Ref. Document #
Laan Charges ON W TCD Applicable No Penalty Applicable No   Date Reed Im Lan Partie   Charges Policy Details   Administrative Charges No V   Parameter Based Lass Charges Basis   Parameter Based Lass Charges   Basic Loan Charges   Colendar Based Lass Charges   Base Charges   Parameter Based Lass Charges Basis   Parameter Based Lass Charges Basis   Parameter Based Lass Charges Basis   Parameter Based Lass Charges   Basic Loan Charges   Calendar Based Lass Charges   Calendar Based Lass Charges   Calendar Based Lass Charges   Calendar Paraed   Concolidadar Paraed   Edit Lass Charges   Edit Charges   Edit Lass Charges   Ed	- Loan Information		
<ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <ul> <li> <li> <ul> <li< td=""><td>Loan Charges On Both</td><td>▼ TCD Applicab</td><td>Penalty Applicable No V</td></li<></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul>	Loan Charges On Both	▼ TCD Applicab	Penalty Applicable No V
Other Detail        Other Detail   <	Date Reqd	Loan Perio	d Expected Usage
Administrative Classing Fridity   Parameter Based Lease Charges Fridity Parameter Based Lease Charges Fridity Parameter Based Lease Charges Fridity Additional Charges In % In Charge In % Additional Charges In % In Charg	Administrative Charges Policy	Calendar Paced Lasco Charges Dr	Calendar Pared Lance Charges Paris
Tealende uber danger Ray	Parameter Raced Lease Charges Policy	Darameter Paced Lease Charges P	
Part Base Cost 0.01 Administrative Charges   Basic Loan Charges Idministrative Charges   Colendar based Lease Charges Base Currency Value   I cole	Order Value Details	Parameter based Lease Charges b	
Basic Loan Charges Additional Charges   Order Value Exchange Rate   Base Currency Value I   Calendar based Lease Charges     Period to display     P = I = I = I = I = I = I = I = I = I =	Part Base Cost	0.01 Administrative Charges In	% Administrative Charges
Order Value Exchange Rate Base Durrency Value I CAD     Celendar based Lease Charges     Image: Celendar Decide Decide Period     Image: Celendar Decide Decide Decide Period     Image: Celendar Decide Dec	Basic Loan Charges	Additional Char	Total Loan Charges
Calendar based Lease Charges     Image: Calendar based Lease Char	Order Value	Exchange R	Base Currency Value CAD
Image: Second Stability     Image: Second Stability	Calendar based Lease Charges Parameter based	Lease Charges	
Image: Nor records to display     From Calendar Period     Image: Trom Calendar Period <			
# From Calendar Period UOM Rate Per UOM Charge for Period Remarks     1 Image:	( (No records to display] ) + + -	Q Q T T,	
I   I <td># 🖻 From Calendar Period To Calendar Period</td> <td>iod UOM Rate Per UOM Ch</td> <td>arges per Unit as % of Part Charge for Period Remarks</td>	# 🖻 From Calendar Period To Calendar Period	iod UOM Rate Per UOM Ch	arges per Unit as % of Part Charge for Period Remarks
	1		
Other Details   Employee # P 00041383 Employee Name LO Detail   LO Option 1   Ref. Document   Comments        <			
Other Details   Employee # P   Dotter Details   Employee # P   00041383   Employee Mame   SENECHAL, DOMINIC   LO Detail   Comments   Comments   File Name P   View File			
Employee # P 00041383 Employee Name SENECHAL, DOMINIC   LO Option 1 Ref. Document   Comments   P   View File	Other Details		
LO Option 1   Ref. Document   Comments   File Name P   View File	Employee # \$ 00041383	Employee Na	Ne SENECHAL, DOMINIC
Comments       Created Data         File Name P       View File         Create Loan Order       Create Loan Order         Edit Terms and Conditions       Edit Penalty Charges       Edit TCD         Edit Loan Order       Authorize Loan Order       Generate Loan Order Report         Upload Documents       View Associated Doc. Attachments         Created by       Created Date	LO Option 1	Ref. Docum	ant l
Pocument Attachment Details       View File         File Name P       View File         Create Loan Order       Create Loan Order         Edit Terms and Conditions       Edit Penalty Charges       Edit TCD         Edit Loan Order       Authorize Loan Order       Generate Loan Order Report         Upload Documents       View Associated Doc. Attachments         Created by       Created Date	Comments		
File Name     View File       Create Loan Order       Edit Tems and Conditions     Edit Penalty Charges       Edit Loan Order     Edit TCD       Edit Loan Order     Generate Loan Order Report       Upload Documents     View Associated Doc. Attachments       Created by     Created Date	Document Attachment Details		×
Create Loan Order         Edit Terms and Conditions       Edit Penalty Charges       Edit TCD         Edit Loan Order       Authorize Loan Order       Generate Loan Order Report         Upload Documents       View Associated Doc. Attachments         Created by       Created Date	File Name 👂	View File	
Ledit Dati Order       Edit Terms and Conditions     Edit Penalty Charges       Edit Loan Order     Authorize Loan Order       Openerate Loan Order Report       Upload Documents     Vew Associated Doc. Attachments       Record Statistics       Created by     Created Date		~	a Lana Ordar
Edit Tems and Conditions     Edit Penalty Charges     Edit TD       Edit Loan Order     Authorize Loan Order     Generate Loan Order Report       Upload Documents     View Associated Doc. Attachments		Crea	
Edit Loan Order     Authorize Loan Order     Generate Loan Order Report       Upload Documents     View Associated Doc. Attachments       Image: Created Data     Created Data	Edit Terms and Conditions	Edit Penalty Charges	Edit TCD
Upload Documents     View Associated Doc. Attachments       Created Statistics     Created Date	Edit Loan Order	Authorize Loan Order	Generate Loan Order Report
Update Locuments     Wew Assocated Uoc. Attachments       Record Statistics       Created by     Created Date		15	
Created by Created Date	Upload Documents	View Associated Doc. Attachments	
Created by Created Date	Record Statistics		
	Created by		Created Date

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

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



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

★ 🗎 Select Loan Order		Ramco Role - RAMCO OU 🕫 🖶 🛱 🗲 ? 🗔 🛙
Direct Entry		
Loan Order #	Edit Loan Order	
- Search Criteria	Chabina and an	User Chabus
Action Edit Loan Order		User Status
Loan Order #	Supplier #	Category
From Date 22-Aug-2017	To Date 22-Sep-2017	Priority V
Part #	Part Description New fields 'Loan For'	Loan For Customer V
Created by	are added	
	Search die dudeu.	
Search Results		
# 🗇 Loan Order # Part # Part Description	Supplier #         Status         Category         User Status         Loan Order Date         Priority         Loan For         Trading	Partner Created by Comments
1 🗈 LND-000008-2017 LOPART5 loan order testing part	00000 Draft v 19-Sep-2017 Customer 400007	Air India
2 END-000009-2017 LOPART5 loan order testing part	00000 Draft v 19-Sep-2017 Customer 400007	Air India DMUS New display fields are
3 🗉 LO-000664-2017 0-0110-3- BOLT	00000 Draft 🔹 08-Sep-2017 Customer 400007	Air India DMUSER added in the multiline.
4 🗈 LO-000674-2017 N 2 N 2	00000 Fresh 🗸 21-Sep-2017 Customer 400007	Air India DMUSER
5	· · · · · · · · · · · · · · · · · · ·	
	Cancel Loan Orders	

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

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



Exhibit 7: Identifies the changes in Edit Loan Order screen

★ 🗎 Edit Loan Order			Ramco Role - RAMCO OU 🔫 🖣	1 2 3 4 → → 2 /4 坪 🖶 🛱 🗲 ? 🗔 (
- Loan Order Details				
Loan Order #	LND-000009-2017			Status Draft
Loan Order Date	19-Sep-2017	Loan Order Type	Reg Existing field Internal Stock	Stock Status Scrap - Internal
Supplier # 0	00000	Dart #	Status' is changed to 'Stock	Part Description Jean order terting part
Supplier # #				are beschpablin loan order testing pare
Priority	<b>T</b>	User Status	Status'.	Category
Order Currency	CAD 🔻	Aircraft Reg # 👂		
Reason For Loan				0
- Loan for Information				
Loan For	Customer 👻	Trading Partner # 👂	400007	Trading Partner Name
LO Inv. Org.	ABLEENG			
Loaner Information				
Supplier Name	A & R Taurpaulins. Inc.	Address ID Ø	1 I	Contact Person
Dhone #		Env		Empl. 1990 and an
Phone #	New Section (Loan for	FdX		Email 123@gmail.com
Address	74 N WAS	5	New field (Address	
Loaned Part Information	Information' is added.			
Quantity		Stock UOM	EA ID' added.	Condition
Certificate Type	<b>•</b>	Ship To	RAMCO OU 👻	Warehouse# 0123 🔻
Manufacturer Part #		Manufacturer Name		Part Type Expendable
Land Documenter				
Return Shinment Details				
E Return Supment Details	RAMCO OU	* 111 H		
Issue Location	NAMED UU	Issue Warehouse #	<b>V</b>	
Reference Details				
Loan Agreement #		Supplier Offer #		Ref. Document #
- Loan Information				
Loan Charges On	None 💌	TCD Applicable	Yes 🔻	Penalty Applicable No 🔻
Date Regd	20-Sep-2017	Loan Period	7.00 Weeks 👻	Expected Usage
Charges Policy Details				
Administrative Charges Policy	▼ Calenda	ar Based Lease Charges Policy	▼ Cal	endar Based Lease Charges Basis 🔹 🔻
Parameter Based Lease Charges Policy	▼ Paramet	er Rased Lease Charnes Rasis		
Order Value Details	• Paramet	ci bascu cease citarges basis	, v	
Part Base Cost	600.00 CAD	Administrative Charges In %	9.00	Administrative Charges 54.00 CAD
	500,00 ccp	Administrative energes in 70	50.00	
Basic Loan Charges	600.00 CAD	Additional Charges	50.00 CAD	Total Loan Charges 654.00 CAD
Order Value	704.00 CAD	Exchange Rate	1.00000000	Base Currency Value 704.00 CAD
Calendar based Lease Charges	Parameter based Lease Charges			-
In the second	display] 🕨 🕨 🕂 🗕 🗇 🐇 🗘 🝸 🔭		🖌 🗉 🖾 🖂 🖬 🗶 🖉 📕 🕯	
# From Calendar Period	To Calendar Period UOM	Rate Per UOM Charge	s per Unit as % of Part Charge for Period	Remarks
		5		
1				
Other Details				
Employee # 👂	00041383	Employee Name	SENECHAL, DOMINIC	LO Detail 1
LO Option 1	LOAN CLOSURE	Ref. Document		
Comm	ents			A
Document Attachment Details				v
Ela Nama O		View File		
riie Name 🕨		YICH I IC		
	Edit Loop Order			incel Lean Order
	Edit Loan Order		La ca	
Edit Torms and Conditions	projector de la	Charges	e la mos	
cont terms and Conditions	Edit Penalty (	Lnarges	Edit TCD	
Authorize Loan Order	Generate Loa	an Order Report		
Upload Documents	View Associat	ted Doc. Attachments		
Becord Statistics				- 9
	Controllor, annuar			
	Created by DMUSER		Cre	area Dare 19-Sep-2017
	Last Modified by		Last Mo	dified Date

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

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



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

\star 🗎 Edit TC	D							Ramco Role - RA	MCOOU 式 📲		? 🗟 (
- Order Details -	Loan Order #	LND-000008-2017			Amendment # 0			Sta	atus Draft		
	Loan Order Date				Part # LOPART5			Part Descrip	tion loan order testi	ng part	
	Supplier #	00000	A & R Taurpaulins, In		Part Base Cost 600.00	CAD		Administrative Char	ges 30.00	CAD	
	Basic Loan Charges	360.00	CAD								
	Comments										
- TCD Details											
	TCD Mode	Administrative Charges	▼ Get D	etails	Total TCD Amount			Total Loan Ch	arges 390.00	CAD	
	Additional Charges	50.00	CAD		Order Value 440.00	CAD					
44 4 [No record	ds to display] 🕟	» + - ⊡ ∻	O O T T			<u></u> = 0 x c	<u> </u>	AI DIO	•		Q
# 🗆 Seq #	TCD # 🔎	TCD Variant #	TCD Type	Basis	Taxable Amount	TCD Rate	TCD Amount	Payment Currency	Pay to Supplier #	Supplier Name	e
1					1			~	~		
					<u></u>						
			New fi	eld 'Taxable							
			Amour	nť is added.							
					Edit TCD						
- Record Statistic	cs										
		Created by	DMUSER				Created Da	ite 19-Sep-2017			
		Last Modified by					Last Modified Da	ite			

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

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

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

★ 🗎 Authorize Loan Order		Ramco Role - RAMCO OU 😕 🖶 🛱 🗲 ? 🗔 🖪
Search Criteria Loan Order # Part # From Date 22-Aug-2017 Priority V	Status New Part Description are a To Date 22-Sep-2017 User Status V Search	fields 'Loan For' added.
- Search Results     (         (         1         -1/1         )         +         -         □         4         UOM         Loan Order Value         Currency         Suppler     1         EA         0.00         CAD         00000	Supplier Name Status Category User Status Loan Orde A & R Fresh v 21-Sep-20	X. E III XI E     X. E III XI E     X. E       r Date     Priority     Loan For     Trading Partner       Customer     400007   Air India     DMUSER
2	New display added in the	fields are e multiline.
Authorize Loan	Order	Return Loan Order

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

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

## ramco

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

~	Select	.oan Orde	r								Ramco R	ole - RAMCO OU 🛛 🕮	ē ⊄ ←	? 🗔
- Direct	t Entry —	Loan (	)rder #	Amer	d Loan Order									
- Searc	h Criteria								N 6 1 1 4	- <i>i</i>				
		Loan O	rder #				Status		New fields 'L	oan For		Loan For Customer	×v	
		_	Part #	7 (11)		Part D	escription	- 2017	are added.			Supplier #		
		From	n Date 22-Aug-20	./			To Date 22-Se	p-2017			-	Category V		
		ŀ	money 🔻			0:	Green Status					created by		
Searc	h Results						Search	J						
4	1 - 7	/7 🕨 🖬							⊁∎∎x		= 10 7	All	T	Q
#	Loan Or	der #	Part #	Part Description	Supplier #	Status	Category	User Status	Loan Order Date	Priority	Loan For	Trading Partner	Created by	
E	LND-000	004-2017	LOPART1	Testing Part for loan order	00000	Amended			15-Sep-2017		Customer	400007   Air India	DMUSER	
	LND-000	005-2017	LOPART1	Testing Part for loan order	00000	Shipped		Ne	w display field	s are	Customer	400007   Air India	DMUSER	
E	LND-000	006-2017	LOPART1	Testing Part for loan order	00000	Amended				sale	Customer	400007   Air India	DMUSER	
E	LO-0006	65-2017	P-789456123	p-789456123	00000	Amended		ad	ded in the mu	tiline.	Customer	400007   Air India	DMUSER	
	LO-0006	66-2017	0-0120-3-	CLAMP	00000	Amended					Customer	400007   Air India	DMUSER	
	LO-0006	68-2017	0L203:4RY30	8030 CLOCK OIL LUBRICANT	00000	Shipped					Customer	400007   Air India	DMUSER	
	LO-0006	69-2017	KITCR-2	KITCR-2	00000	Amended			15-Sep-2017		Customer	400007   Air India	DMUSER	

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

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



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

★ 🗎 Amend Loan Order				Ramco Role -	RAMCO OU 🕡 🕯	1 2	3 4 5 🕨	2 /7 74 👼 9	± ← つ 🗟 🗖
Loan Order Details									
Loan Order #	LND-000005-2017	Amen	dment # 0				Status	Shipped	
Amendment / LO Date	22-Sep-2017 m 18-Sep-2017	Loan Ord	er Type Exch	Existing f	ield 'Internal	Stock	Stock Status	Scrap -Internal	•
Supplier #	00000		Part # LOPAR	Status' is	changed to '	'Stock	Part Description	Testing Part for loan	order
Priority	-		r Statue	Status'	changea to	btoth	Category		order
Durchase Cost	•	Order		Status.			Aircraft Dec # 0	•	
Purchase Cost	Lean On habelf of Customer Resid	Order (	urrency CAD				Aircrait Reg # 🎾		
Reason For Loan	Loan On benair of Customer Basic								¥.
Loan For	Customer	Trading P	artner # 40000	7			Trading Partner Name		
		Trading P	aranci # 10000	/			riduing Parener Name		
Loaner Information	ABLEENG								
Supplier Name	A & P Taurnaulins Inc	Addre	Q UI 22	1	_		Contact Person		
Phone #			Fay	-			Fmail		т
Address	New Section (	Loan for	1404				Linda		T
Loaned Part Information	Information' is	sadded			New field 'A	ddress			
Quantity		studicu.	ock UOM FA		ID' added.		Condition		
Certificate Type			Shin To RAMO	0.00			Warehouse#	0123	
Manufacture Pype	*		Ship to Name				Ded Tree	•125 <b>•</b>	
Manufacturer Part #	465465	Manufactur	er wame				Part Type	Expendable	
Lead Parameter		Rece	wed Qty 1.00						
Tecus Location	RAMCO OU 👻	Teeus Ware	house #	-					
Reference Details	Indiaco ou	ISSUE Walle	nouse #	·					
Loan Agreement #		Supplier	Offer #				Ref. Document #		
- Loan Information									
Loan Charges On	Calendar Based 👻	TCD Appl	icable Yes 🔻				Penalty Applicable	′es 🔻	
Date Regd	18-Sep-2017	Loan	Period	12.00	Days 🔻		Expected Usage		
Charges Policy Details									
Administrative Charges Policy	<b>•</b>	Calendar Based Lease Charg	es Policy Perce	nt 💌		Calendar	Based Lease Charges Basis	Period 💌	
Parameter Based Lease Charges Policy	•	Parameter Based Lease Charg	jes Basis	•					
- Order Value Details									
Part Base Cost	600.00 CAD	Administrative Charg	jes In %				Administrative Charges	9	00.00 CAD
Basic Loan Charges	144.00 CAD	Additional	Charges	0.0	0 CAD		Total Loan Charges	644.00	CAD
Order Value	644.00 CAD	Exchar	ige Rate 1.000	00000			Base Currency Value	644.00	CAD
Calendar based Lease Charges	Parameter based Lease Charges								
							1		
44 4 1 −1/1 > >>	+ - 🗆 🛠 🕇 🔭				🛛 🗎 😒 🔮		II AI	Ŧ	Q
# 🗉 From Calendar Period	To Calendar Period	UOM Rate Per UOM	Charges per L	Init as % of Part	Charge for Period		Remarks		
1	1.00 12.00	Days		2.00		144.00			
2 🕅									
Other Details									
Employee # 👂	00041383	Employ	ee Name SENE	CHAL, DOMINIC			LO Detail 1		
LO Option 1	LOAN CLOSURE	Ref. D	ocument						
Comments									
- Document Attachment Details									
File Name 👂		View File						N	
								-6	
	Amend Loan Order					Confirm	n Amendment		
Edit Terms and Constitu		C the Describes of			_	Ja Top			
cuit terms and conditions		Concernancy Charges			E	ant ICD			
Authorize Loan Order		Generate Loan Order Report							
Unload Documents		View Associated Doc Attachments							
		Tion Associated Data Attachillents							
Record Statistics									
	Created by DMUSER					Created	Date 18-Sep-2017		
	Last Modified by DMUSER					Last Modified	Date 18-Sep-2017		

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

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

## ramco

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

*	D	Select Loan O	rder									Ramco Role	e - RAMCO OU 👻 🚅		₽ +	? 🛛	ā (
- <b>D</b>	irect	Entry															
		Lo	an Order #		d	lose Loan Order											
	earcl	1 Criteria															
		Lo	an Order #					Loan Issue #		Now fields	(Loop For	Lo	an Receipt #				
			Part #					Part Description		New news	LUan FUI		Loan For Customer	×v			
			Supplier #					Category	-	are added.			User Status 🔹 🔻				
			From Date	25-Aug-201	7 🟥			To Date	25-Sep-2017	••••			Priority				
			Created by														
								Sea	rch								
	earcl	n Results															
	4	1 - 2 / 2 🕨	• =	T Tx								= 111 AI	l	Ŧ	_	Q	
#		Loan Order #	Part #		Part Description	Supplier #	Status	Category	User Status	Loan Order	Priority	Loan For	Trading Partner		Created	by	
1		LND-000005-2017	LOPAR	T1	Testing Part for loan ord	ler 00000	Shipped			18-Sep-2017		Customer	400007   Air India		DMUSE	2	
2		LO-000668-2017	0L203:	4RY30	8030 CLOCK OIL	00000	Shipped			14-Sep-2017		Customer	400007   Air India		DMUSE	ł	
									Nev	v display fie	ds are						
									add	lod in the m	ultiling						
									auu		utunne.						
_																	<u> </u>

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

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

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

-	D	Select Loan Or	der								Ramco Role - RAM	1CO OU 👻 💴	: 🖶	₽ ←	• ?
)- D	irect	Entry													
		Loa	n Order #		Vie	w Loan Order									
S	eard	h Criteria													
		Loa	n Order #				St	tatus	New fields	'Loan For'	Loa	in For Custome	er × ▼		
			Part #				Part Descrip	ption	are added		Supp	lier #			
			From Date 25-Au	g-2017 🗂			To	Date 25-Sep-2017	ure udded.		Cate	egory	<b>7</b>		
			Priority	T			User St	atus 🔻			Display C	ption	Ŧ		
		(	Created by												
								Search							
)-s	eard	h Results													
6	4	1 - 10 / 11 🕟	н — т.т.						A L U X		10 AI		T		
#		Loan Order #	Part #	Part Description	Supplier #	Status	Category	User Status Loan O	rder Date Priority	Loan For	Trading Partner	Created by	Comme	nts	
	E	LND-000004-2017	LOPART1	Testing Part for loan	00000	Amended		15-Sep	-2017	Customer	400007   Air India	DMUSER			
	1	LND-000005-2017	LOPART1	Testing Part for loan	00000	Shipped		18-Sep	-2017	Customer	400007   Air India	DMUSER			
		LO-000664-2017	0-0110-3-	BOLT	00000	Draft				Customer	400007   Air India	DMUSER			
;			LOPART1	Testing Part for lean	00000	Amended		New displat	y fields are	Customer	400007   Air India	DMUSER			
; t		LND-00006-2017	LOTAKT	resulty Farc for loan	00000				,						
t t	6	LND-000006-2017	LOPART5	loan order testing part	00000	Draft		added in th	, ne multiline	Customer	400007   Air India	DMUSER			
; ; ;		LND-000006-2017 LND-000008-2017 LND-000009-2017	LOPART5 LOPART5	loan order testing part loan order testing part	00000	Draft Draft		added in th	e multiline.	Customer Customer	400007   Air India 400007   Air India	DMUSER DMUSER			
6  -  -  -  -		LND-000006-2017 LND-000008-2017 LND-000009-2017 LO-000666-2017	LOPART5 LOPART5 0-0120-3-	loan order testing part loan order testing part CLAMP	00000	Draft Draft Amended		added in th	e multiline.	Customer Customer Customer	400007   Air India 400007   Air India 400007   Air India	DMUSER DMUSER DMUSER			
: : :		LND-000006-2017 LND-000008-2017 LND-000009-2017 LO-000666-2017 LO-000668-2017	LOPART5 LOPART5 0-0120-3- 0L203:4RY30	loan order testing part loan order testing part CLAMP 8030 CLOCK OIL	00000 00000 00000 00000	Draft Draft Amended Shipped		added in th	e multiline.	Customer Customer Customer Customer	400007   Air India 400007   Air India 400007   Air India 400007   Air India	DMUSER DMUSER DMUSER DMUSER			
		LND-000006-2017 LND-000008-2017 LND-000009-2017 LO-000666-2017 LO-000668-2017 LO-000669-2017	LOPART5 LOPART5 0-0120-3- 0L203:4RY30 KITCR-2	loan order testing part loan order testing part CLAMP 8030 CLOCK OIL KITCR-2	00000 00000 00000 00000 00000	Draft Draft Amended Shipped Amended		added in th	2017 -2017	Customer Customer Customer Customer Customer	400007   Air India 400007   Air India 400007   Air India 400007   Air India 400007   Air India	DMUSER DMUSER DMUSER DMUSER DMUSER			
0		LND-000006-2017           LND-000008-2017           LND-000009-2017           LO-000666-2017           LO-000668-2017           LO-000669-2017           LO-000669-2017           LO-000669-2017           LO-000669-2017	LOPART5 LOPART5 0-0120-3- 0L203:4RY30 KITCR-2 N 2	loan order testing part loan order testing part CLAMP 8030 CLOCK OIL KITCR-2 N 2	00000 00000 00000 00000 00000 00000	Draft Draft Amended Shipped Amended Fresh		added in th	-2017 -2017 -2017 -2017	Customer Customer Customer Customer Customer Customer	400007   Air India 400007   Air India 400007   Air India 400007   Air India 400007   Air India 400007   Air India	DMUSER DMUSER DMUSER DMUSER DMUSER DMUSER			

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

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

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



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

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

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

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



## **Accounting Impact**

## Background

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

## **Change Details**

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

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

## Loan Order Accounting

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

## **Supplier Order Based Invoice**

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

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

Process Enable Basis of Conside	s Parameter Automatic Accounting on behalf of Dest. Company (Customer)	Permitted Values	Value	Status			
Enable Basis of Conside	Automatic Accounting on behalf of Dest. Company (Customer)	Enter '0' for 'No' and '1' for 'Vec'			Error message	Option Category	Last Modified Date
Basis of Conside		Encer o for no allu 1 for res	1	Defined		Related Company - Cu	18-04-2017
Conside	f Accounting in Destination Company (Customer)	Enter '0' for 'Account Mapping' and	1	Defined		Related Company - Cu	18-04-2017
E Defeuls	er Source Company CC and Analysis for Dest. Company	Enter '1' for 'Yes'	1	Defined		Related Company - Cu	18-04-2017
Delduit	FB for Recording Transactions for Trading Partner (Customer)	Enter valid Finance Book defined in	PFB1	Defined		Related Company - Cu	18-04-2017
Invoicin	ng for Purchase on behalf of Dest. Company (Customer)	Enter '1' for 'By Dest. Company'	1	Defined		Related Company - Cu	18-04-2017
Capex F	PO on behalf of Dest. Company (Customer)	Enter '0' for 'Not Allowed' and '1' for	1	Defined		Related Company - Cu	18-04-2017
Invoicin	ng for Loan order on behalf of Dest. Company (Customer)	Enter '1' for 'By Dest. Company'		Not Defined		Related Company - Cu	22-08-2017

## Supplier Prepayment Voucher

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

# WHAT'S NEW IN RENTAL ORDER?

# Ability to Rent out parts on behalf of Customer

Reference: AHBG-16024

## Background

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

# **Change Details**

## Logistics Common Master

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

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

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



## <u>Customer</u>

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

- 'Rent Parts on behalf of Customer?' provides the following options:
  - o Allowed Renting out parts belonging to the given customer is allowed.
  - o Not Allowed Renting out parts belonging to the given Customer is not allowed.
- 'Default numbering type for Rental Order'
  - o Specify a valid numbering type applicable for Rental Order transaction.
- 'Default numbering type for Loan/Rental Receipt Transaction Document'
  - o Specify a valid numbering type applicable for Loan/Rental Receipt.
- 'Default numbering type for Rental Order Issue'
  - Specify a valid numbering type applicable for Rental Order Issue transaction.
  - Note: The specific customer set options can be set only if the Organization level set option for Loan & Rental on behalf of customer is set as 'Allowed' in the **Purchase Options Settings** activity of the **Logistics Common Master** Component.

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

*	D) I	Manage Additional Options					Ramco Role - RAMCO OU	"		₽ ◆	• ?	5
	iston	er Info										
· D	efiniti aramo	Customer # on For Category Rent for Customer eter Details	Customer Name New options Category 'Re	added Under nt for Custome	r'.							
44	4	1 -4/4 → → + □ T T <sub>x</sub>				1 22 🗰 -	AI III AI		Ŧ			Q
#		Category	Parameter	Permitted Values		Value	Error Message			Crea	ted by	
1		Rent for Customer	Rent Parts on behalf of Customer?	Enter '0' for 'Not A	llowed', '1' for 'Allowed'							
2		Rent for Customer	Default numbering type for Rental Order	Specify a valid nu	mbering type applicable for							
3		Rent for Customer	Default numbering type for Loan/Rental Receipt Transaction Docu	ment Specify a valid nu	mbering type applicable for							
4		Rent for Customer	Default numbering type for Rental Order Issue	Specify a valid nu	mbering type applicable for							
5												
		<									>	
				Save								

#### Rental Order

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

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

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

	Part #			Serial #			Component #		Create	a
5earch Criteria —										
	Part #		Part Description				Part T	уре		
	Serial #		Component #			<u>F</u>	Condi	tion		_
Par	t Category	T	Stock Status Custo	mer Owned	×v		Trading Partne	er #		
	Location	T	Display Option		With Serial	Lot Nos 📃 For	Al 🔪 ate Part # 🔲 For Part in Asser	mblies		-
				Search						
earch Results —							<u> </u>			
	- 10 / 10697 🔉 🐨 💌 💌				<b>3 6</b>	a 🗸 🔤 Two	new fields are added	-	_	
			0.11		<u>~</u>	in th	e 'Search Criteria'.		0.75.004	
Part #	Part Description	Component #	Senai #	LOT #	Location	waren			Position Code	
NAV-125	alphanumeric				RAMCO OU	SG	Accepted			
NAV-125	alphanumeric				RAMCO OU	0122	Accepted			
NAV-125	alphanumeric				RAMCO OU	SG1	Accepted			
1158107:	BODY BODY				RAMCO OU	YULFS251	Aveos Owned			
1525301-	01:36659 BUSHING				RAMCO OU	YULFS251	Aveos Owned			
11-1121-5	:061C5 HOUSING				RAMCO OU	YULFS251	Aveos Owned			
PART-1	OIL CLEAN PUMP				RAMCO OU	YULES	Customer Owned			
PART-1	OIL CLEAN PUMP				RAMCO OU	YULCS	Accepted			
STRLEDNO	NEPART001 STR LED NONE PART				RAMCO OU	0123	Accepted			
🔲 171-N1 A	T 171-N1 ALT				RAMCO OU	0123	Accepted			
										7

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

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



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

★ 🗎 Create Rental Order				Ramco Ro	le - RAMCO OU 😽 🖣	1 2	3 4 5 + ++ 2 /1	10697 74 👼 🖾	← つ 🗔 🗖
Rental Order Details									
Rental Order #		Numbering Type		•		Status			
Rental Order Date 25-Se	ep-2017 🛗	Rental Order Type	Regular		Ord	er Currency	CAD	•	
Customer # Q		Priority			Aircr	aft Reg # 🔎			
Dart # MAV 1	75	Part Description	alahanumoris		Ord	er Quantity	11	10 FA Get	+ Part Notaik
Fait # NAV-1	25	Part Description	aipnanumeric		oru	er quantity	1.0	UEA UEA	L Parc Decais
Category	▼	User Status		•					
Pental Order # 0		Copy Poptal Order							
Rental Order # 🎾		Copy Kentai Order		_		N.			
Boot for Information	Copy Options 🔄 All	E Ma	in Information		Terms & Conditions	20	TCD Details	Penalty Char	ges
Post For	Customer		rading Dartner # 0				Trading Dartner Name		
Rent For	Casconici	•	rauling Farther # 🏓				Trading Partner Manie		
Customer Information		$\wedge$							
Customer Name							Contact Percon		
Custoniei Nane			F				Contact Person		
Phone	New Section 'R	ent for	Fax				c-mai		
Address	Information' is	added			~				
Part Information		duucu.	1-1-0				6 - 1×		
Senai #			LOT #				Condition	UnServiceable	
Component #			Warehouse#	0122			Location	RAMCO OU	
Manufacturer Part #			Manufacturer Name				Part Type	Tool	
Alternate Part # 👂			Part Description	alphanumeric			Part Control Type	None Controlled	
Reference Details									
Agreement #			Offer #				Ref. Document #		
Charges Policy Details		Colorda haradi	channe patra			c-1			
Administrative Charges Policy		<ul> <li>Calendar based L</li> </ul>	ease Charges Policy		•	Ca	endar based Lease Charges Basis		•
Parameter based Lease Charges Policy		<ul> <li>Parameter based</li> </ul>	ease Charges Basis.		•				
Elease Information	Calendar Deried		In a line line la Ma				TCD As-Really	Ne	
Lease charges on	Calendar Period	r Pena	ity Applicable		•		TCD Applicable	NO	•
From Date		E Caleno	dar Lease Period			•	Parameter Lease Period		
Lead Parameter									
Order Value Details					1.50				
Base Price		CAD	MarkUp Factor		1.50		Rental Price		CAD
Administrative Charges Percent		Adı	ministrative Charges		CAD		Rental Charges		CAD
Lease Charges		CAD	TCD Value		CAD	63	Additional Charges		CAD
Total Rental Value		CAD	Exchange Rate				Base Currency	CAD	
Calendar based Lease Charges									
📢 🖣 [No records to dis	play] 🕨 🕨 🕂 — 🗇	* 0 0 T T,				1 X <sup>2</sup> C	# †= 00 Al	•	Q
# 🗉 From Period To	Period UOM	Flat Rate / UOM	Percent of Renta	Price / UOM		L	ease Charges Re	emarks	
1 3									
-									
- Parameter based Lease Charges -									
In a contract of the contract	play] 🕨 🕨 🕂 — 🗇	* © © T T,				x C	# ≒ III AI	•	Q
# 🗉 From Value To Va	lue UOM	Flat Rate / UOM	Percent of Rental P	rice / UOM		Lea	se Charges Rem	arks	
1 🗉									
User Defined Details									
User Defined Detail -1		Us	er Defined Option -1		•		Ref. Document	<u> </u>	
Remarks									
- Attachments		7							
File Name 👂		view File					L EN	his field is mov	ed from
			Croote D	ontal Ordor			· · · · ·	oforon co Detai	le' coction
			Create Re	and order				elerence Detai	is section
Edit Terms and Conditions		Edit TCD Detaile				Edit Depa	ty Charges to	o this section.	
Edit Rental Order		Authorize Rental Order				View Con	sumption & Range Parameters		
		Autorize Kental Order				new con	sumption of range hardineters		
Upload Documents		View Associated Doc. A	Attachments						

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

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

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

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

Direct Entry	Rental Order						Ramco	Role - RAMC	±10 €	ē ⊄ + ?	[ō
	Rental Order #	Ed	t Rental Order				1				
- Search Criteria	Action	Edit Rental Order 🛛		Rental Order #	New	fields added in		Status		•	
	Customer #			Customer Name	the 'S	earch Criteria'.	Rental Order D	ate: From / To	04-Sep-2017	iii 04-Oct-2017	Ė
	Part #			Part Description			J	Serial #			
	Category	•		User Status				Component #			1
	Lot #			Rent For		•	Tra	ding Partner #			
				Sea	rch						
- Search Results											
4 4 1 -1	/1 🕨 🗰 🛨						22 🕸 🕫 🔟	All		T	Q
# 🗉	Part #	Part Description	Component #	Serial #	User Status	Category	Reason	Rent For	Trading	Partner	
	04689:P2783	RPM (AMMTR) METER	A104724	2783-467				ustomer	400007/	Air India	
						New d	isplay fields a	re			
						addad	in the multili				
						auueu	in the multim	ie.			
<											>
				Concel Des	atal Order						
					the same of the state of the st						

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

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



Exhibit 6: Identifies the changes in Edit Rental Order screen

★ 📄 Edit Rental Order					Ramco Role - RAMCO		/1 과 🖶 🗗 🕂 ? 🗔 🖪
Rental Order Details							
Rental Order #	RO-000314-2017					Status	Draft
Rental Order Date	06-Sep-2017		Rental Order Type	Regular	•	Order Currency	CAD
Customer #	400007		Priority		-	Aircraft Reg # 👂	
Part #	04689:P2783		Part Description	RPM (AMMTR) METER			
Category		T	User Status		•		
Rent for Information	Customer	~	Trading Partner # 0	400007		Trading Partner Name	Air India
Rental Inv. Org	ARIFENC	·	ridding Fortifer # 🖊	400007		Troung Further Nume	All IIIII
Customer Information	ADECENIO						
Customer Name	Air India					Contact Person	Ben
Phone	0562-2400542		Fax	0562-2400497		E-Mail	agr.sm@airindia.in
Address	Air India Limited, C	w Section 'Rent'	tor				
Part Information	Info	ormation' is add	ed.				
Serial #	2783-467		Lot #			Condition	New
Component #	A104724		Warehouse#	0123		Location	RAMCO OU
Manufacturer Part #	04689		Manufacturer Name			Part Type	Component
Alternate Part # 👂			Part Description	RPM (AMMTR) METER		Part Control Type	Serial Controlled
Order Quantity		1.00	Stock UOM	EA			
Reference Details			017			Def Derma 1 "	
Agreement #			Offer #			Ref. Document #	
Lease Charges On	Calendar Period	•	TCD Applicable	Yes	•	Penalty Applicable	No
From Dat	te 06-Sep-2017	10001	Calendar Lease Period		1 Months V	Parameter Lease Period	
Lead Paramet	er				1 Hondalo		
Charges Policy Details							
Administrative Charges Policy		▼ Ca	lendar based Lease Charges Policy	Percent	▼ Cale	ndar based Lease Charges Basis	Cumulative 💌
Parameter based Lease Charges Policy		▼ Par	ameter based Lease Charges Basis		T		
- Order Value Details							
Base Price	1:	100.00 CAD	MarkUp Facto	r	1.50	Rental Price	1650.00 CAD
Administrative Charges Percent			Administrative Charge	S	CAD	Rental Charges	16.50 CAD
Lease Charges	16.50	CAD	TCD Valu	e 0.00	CAD	Additional Charges	0.00 CAD
Total Rental Value	16.50	CAD	Exchange Rat	e 1.00000000		Base Currency	CAD
<ul> <li>Calendar based Lease Charges —</li> </ul>							
(( ( 1 - 1 / 1 ) )) + −				人口回	X 🛛 🗎 🛪 🕒	# = 00 AI	Q <b>v</b>
# 🖻 From Period To	Period UOM	Flat Rate /	UOM Percent	of Rental Price / UOM		Lease Charges	Remarks
1 🗖 1	1 Months				1.	00 16.5	0
2							
Parameter based Lease Charges -							
•• • [No records to display]	• + - <b>- - - - -</b>	O T T		1 In 10	XRBXC		▼
# E From Value To V	alue UOM	Flat Rate / UOM	Percent of Re	ntal Price / UOM		Lease Charges	Remarks
1		1.021.027 0011	- sident of Re				
User Defined Details							
User Defined Detail -1			User Defined Option -1	RENTAL CLOSURE	v	Ref. Document	
Remarks							<b>^</b>
- Attachments							
File Name	<b>۹</b>	View File				This fiel	d is moved from
						This her	
			Edit Re	ntal Order		'Referen	ce Details' section
Edit Terms and Conditions		Edit TCD	Details		Edit Penalty	Charges to this s	ection.
Authorize Rental Order		View Cor	sumption & Range Parameters		care renting	3	
Upload Documents		View Ass	ociated Doc. Attachments				
Depend Statistics							
+ RECORD STATISTICS							

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

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

#### • View Associated Doc Attachments

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

★ 🗎 Edit Te	rms and Conditi	ons				Ramco Ro	le - RAMCO	oou z≄ 🖶 🛱 .	+?□
- Rental Order De	etails								
_	Rental Order #	RO-000314-2017	Amendment #	0			Status	Draft	
	Rental Order Date	06-Sep-2017	Part #	04689:P2783		Part	Description	RPM (AMMTR) METER	
	Customer #	400007	Customer Name	Air India		Total R	ental Value	16.50	CA
	Order Currency	CAD							
General Terms	Agreement Details	CAD .							
0	GTA Reference #		Ref. Document Date		1		File Name		
	GTA Remarks				^				
					v				
Bill to Address									
	Bill To Customer #	400184	Bill To Address	Ship to	•	Cont	act Person	Joseph	
	Address	AirIndiaLimited, CivilAirTerminal	-0		0				
	Phone	054 350 3561	Eav	044 2228054	~		Email		
General Payme	nt Terms	954-359-2501	100	044-22/0054			Linda		
	Advance Payable		Advance Payable By Date		1 m1	Advance Toleran	ce Percent		
	Advance Percent		Advance Percent On		•	Advance	Applicable	No	-
	Pay Term	N020D000 00 0	Eyrhanna Data	As of Invoice Data		Action on No	n Payment		
	Pay Term	N030D000_00.0 +	Descript Mathed	As of Invoice Date	•	DD Charac			•
	Receipt Mode	Cash	Receipt Method	Regular	•	DD Charge	s borne by	None	•
Transman David	Payment Notes								
<ul> <li>Insurance Payn</li> </ul>	nent Terms		T						
	Insurance Liability	None	Insurance Announc						
Chinese address	Insurance Terms								
- Ship to Address	Shin To Customor #	400007	Chip To Address	<b>*</b> - 1	-	Cont	act Dorson	1. K.	
	Ship to Customer #	400007	Ship To Address	Inchy	•	Com	act reison	LISA KAIIOO	
	Address					I	_		
	Phone	954-359-2561	Fax	954-359-6057			Email	agr.sm@airindia.in	
	INCO Term		Port of Departure			Port Of	Dectination		
	INCO Tenni	•	Port of Departure			Port OI	Desunation		
	Ship By	•	Shipping Payment		Ŧ		Carrier #		
	Freight Billable	No	Freight Amount			Pack	aging Code		Ŧ
	Packaging Notes				0				
	Shipping Notes				0				
<ul> <li>Return Shipmer</li> </ul>	nt Ierms						al. c		
	Return to Location	RAMCO OU 🔻	Warehouse#	0123	•		Ship By		•
	Address								
	Shipping Payment	•	Carrier #			Freig	ht Payable	No	•
	Packaging Notes								
	Shipping Notes								
Other Details									
U	ser Defined Option -2	•	User Defined Option -3			User Define	d Option -4		Ŧ
ι	Jser Defined Detail -2		User Defined Detail -3		New lin	ks are added.	ed Detail -4		
			Edit Terms a	and Conditions	<u> </u>				
Edit TCD Details			Edit Penalty Charges			Authorize Rental Order			
Upload Documents		View Associ	ated Doc. Attachments						

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

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



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

★ 🗎 Edit TCD Details					Ramco Role - RAMCO	) OU 🚅 🖶 🛱 🗸	F ? 🗔 🕻
- Rental Order Details							
Rental Order #	RO-000314-2017		Amendment # 0		Status	Draft	
Rental Order Date	06-Sep-2017		Part # 04689:P2783		Part Description	RPM (AMMTR) METER	
Customer #	400007		Customer Name Air India		Order Currency	CAD CAD	
Comments							
Order Value Details							
Rental Price	1650.00	CAD	Administrative Charges	CAD	Lease Charges	16.50	CAD
Rental Charges		CAD					
TCD Application	Rental Charges 💌	Get Details	TCD Value	CAD			
- TCD Details							
📢 🖣 [No records to display] 🕨	* + - 0 * ¢ ¢ T	T <sub>x</sub>				•	Q
# 🗇 TCD Sequence	TCD # 🔎 TCD Variant	# TCD Type	Basis TCD Rate	Taxable Amount	TCD Amount Currency	Pay to Supplier #	
1				1	CAD	✓ 00000	
		]					
			New field is added ir	۱		T	
6			the multiline.				>
					lew links are added.		1
			Edit TCD Details		/////		
					/		
Edit Terms and Conditions		Edit Penalty Charges		Author	ize Rental Order		
Upload Documents	View Asso	iated Doc. Attachments					

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

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



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

★ 🗎 Edit Penalty Charg	jes					Ramco Role - RAMCO	이 고 틈 다	+ ? 🖬 🖪
Rental Order Details								
Rental Or	der # RO-000260-201	6		Amendment # 0		Status	Draft	
Rental Order	Date 18-Apr-2016			Part # NAV-125		Part Description	alphanumeric	
Custo	mer # 1090000		C	ustomer Name Customer 3		Total Rental Value	150.00	CAD
Order Cur	rency CAD							
Lease Information								
Lease Charg	es On Calendar Period			From Date 22-Apr-2016		Calendar Lease Period	10	Days
Parameter Lease F	Period		L	ad Parameter				
Penalty Information								
Penalty Charg	es On Calendar Period		Calendar	Penalty Period	• N	Parameter Penalty Period		
Comm	ents				С			
Calendar Based Penalty	15	-	_ Parameter	Based Penalty		_		
Charges Policy	mes	•	¥	Charges Policy	Ŧ	•		
•• • [No records to display]	• • + - 0	* © © T T.					•	Q
# 🖾 From Period	To Period	UOM	Flat Rate / UOM	Percent of Rental Price / L	JOM	Penalty Charges	Remarks	
1								
<								>
Parameter based Penalty Ch	arges							
📢 🖣 [No records to display]	> > + - D	* 0 0 T T.				A 🗐 🛛 🖌	•	Q
# 🗉 From Value	To Value Ud	DM F	flat Rate / UOM	Percent of Rental Price / UOM	A	Penalty Charges	Remarks	
1								
						New lin	ks are added	
							its are added.	
				Edit Penalty Charges				
Edit TCD Details			Edit Terms and Conditions		Authorize Re	ental Order		
Unload Documents		View According	Doc Attachmente					
upidad Documents		view Associated	DOC. Attachments					

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

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



Exhibit 10: Identifies the changes in Authorize Rental Order activity

★ 📋 Authorize Rental Order					Ramco Role - RAMCO O	U - z4 🖶 🛱 ←	? 🗟 [
Search Criteria							
Rental Order #		Statu	s	•	Customer #		
Customer Name		Rental Order Date Fro	25-Aug-2017	<b></b>	Rental Order Date To	25-Sep-2017	Ē
Part #		Part Descriptio	n		Serial #		
Category	•	User Statu	S	•	Component #		
Lot #		Rent Fo	r Customer	•	Trading Partner #		
		5	Search	$\checkmark$			
Search Results							
(i i 1 -1/1 ) > + □	T Tx	٩	lew fields adde	d in 🖾	≝ ∞ • <b>•</b> • <b>• •</b>	•	Q
# 🖻 Rental Order #		User Status Catego	he 'Search Crite	ria'.	Rent For	Trading Partner	
1 🔲 RO-000315-2017					Customer	400007   Air India	
2							
					New display fields are		
					added in the multiline.		
	(						>
	`						-
		Authorize Benta	Order Return Rent	al Order			
		, action to rearise					

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

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

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

*	) Se	lect Rental Order						Ramco	Role - RAMCO O	U - ⊐/‡ i		+	?	6
- Dir	ect Ent	try												
_		Rental Order #		Amend Rental Order										
Se	arch Cr	riteria					New fields added	tin						
		Rental Order #			Status			. ,	Customer #					
		Customer Name			Rental Order Date From		the 'Search Criter	ria'. Rent	tal Order Date To	25-Sep-2017			<b></b>	
		Part #			Part Description		7 /		Serial #					
		Category		•	User Status				Component #					-
		Lot #			Rent For	Customer	•	T	Frading Partner #					
					Se	earch								-
- Se	arch Re	esults												
	1	-1/1 🕨 🗰 🝸 📆						# # W	All	-	•			Q
#		Customer Name	Part #	Part Description	Component #	Serial #	User Status	Category	Rent For	Trading P	Partner			
1		Air India	04689:P2783	RPM (AMMTR) METER	A102442	REG-Q1-ST			Customer	400007	Air India			-
									(					
							Ne	ew display	fields are					
							ac	Ided in the	multiline					
									. maranne.					
		(												

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

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

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

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

Rental Order Details			Ra	mco Role - RAMCO OU 🛛 🖣	1 + + 1	/1 本 高 ☆ ← 2 🗔
						, <u>, , , , , , , , , , , , , , , , , , </u>
Rental Order #	RO-000315-2017	Amendment #	1		Status	Amended
Rental Order Date	07-Sep-2017	Rental Order Type	Regular 🔻		Sale Value	
Customer #	400007	Priority		N	Aircraft Reg #	
Part #	04689:P2783	Part Description	RPM (AMMTR) METER	5	Order Currency	CAD
Category	•	User Status	•			
Rent for Information						
Rent For	Customer	Trading Partner #	400007	Trad	ling Partner Name	Air India
Rental Inv. Org.	12345					
Customer Information	Air India				Contact Person	Pag
Phone			0562 2402407		E-Mail	ben
	Air India New Section '	Rent for	0562-2400497		L-Inda	agr.sm@airindia.in
Part Information	Information' i	sadded				
Serial #	REG-Q1-	Lot #			Condition	New
Component #	A102442	Warehouse#	0123		Location	RAMCO OU
Manufacturer Part #	04689	Manufacturer Name			Part Type	Component
Alternate Part # 👂		Part Description	RPM (AMMTR) METER		Part Control Type	Serial Controlled
Order Quantity	1.00	EA Issued Quantity		EA		
Reference Details						
Agreement #		Offer #			Ref. Document #	
Lease Information	Colordan Davied	TCD Applicable		Par	alty Applicable	u
Erom Date	Calendar Period	Calendar Leace Period	Tes V	Paramete	r Lesse Period	NO +
Lead Parameter	//-Sep-201/ 📖	Calcinual Lease Period	1 100	rs •	Lease renou	
Charges Policy Details						
Administrative Charges Policy	•	Calendar based Lease Charges Policy	Flat 💌	Calendar based Lei	ase Charges Basis	Cumulative 💌
Parameter based Lease Charges Policy	•	Parameter based Lease Charges Basis	•			
Order Value Details						
Base Price	100.00	CAD MarkUp Factor	1.50		Rental Price	150.00 CAD
Administrative Charges Percent		Administrative Charges		CAD	Rental Charges	10.00 CAD
Lease Charges	10.00	CAD TCD Value	0.00	CAD A	dditional Charges	0.00 CAD
			1.00000000		Base Currency	CAD
Total Rental Value	10.00	CAD Exchange Rate				
Total Rental Value  Calendar based Lease Charges	10.00	CAD Exchange Rate				
Total Rental Value       Calendar based Lease Charges       IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	10.00 □ ☆ ☆ ☆ ▼ ▼,	CAD Exchange Rate	×∎∎×		All	Q <b>v</b>
Total Rental Value           Calendar based Lease Charges           effect of 1         - 1 / 1         >>>         +         -           #         From Period         To F         -         -         -	10.00 □ ✓ ▷ ☆ ▼ T <sub>x</sub> Period UOM	CAD Exchange Rate	of Rental Price / UOM	⊠ ≝ x³ ♥ ₽ ≠ ₩ Lease Ch	All	▼ Ø
Total Rental Value           Calendar based Lease Charges           44         1         -1         +         -           #         From Period         To f         1           1         -         1         -         1	10.00	Flat Rate / UOM Percent 10.00	レーローズ of Rental Price / UOM	⊠ iii x₂ e II iii Lease Ch	All arges 10.00	Remarks
Total Rental Value       Calendar based Lease Charges       44     1       #     From Period       1     1       2     1	10.00	Flat Rate / UOM Percent 10.00	of Rental Price / UOM	∑	All arges 10.00	P Remarks
Total Rental Value       Calendar based Lease Charges       ++ +       ++ +       #       From Period       1       2	10.00	CAD Exchange Rate	ی او کر در مراجع میں مراجع میں مراجع میں مراجع میں مراجع میں مراجع میں مراجع میں مراجع میں مراجع میں مراجع میں	C II X C II Case Ch	All arges 10.00	Remarks
Total Rental Value         Calendar based Lease Charges         (4       1       1       1         #       From Period       To F         1       1       1         2	10.00	CAD Exchange Rate	یا اور اور اور اور اور اور اور اور اور او	C II X C II Case Ch	All arges 10.00	Remarks
Total Rental Value         Calendar based Lease Charges         ++ + + + +         #         From Period         1         2         Parameter based Lease Charges         ++ + (No records to display] + >>	10.00	CAD Exchange Rate	よ Le で X. of Rental Price / UOM	区前2000 単 単 1 II Lease Ch	All arges 10.00	Remarks
Total Rental Value         Calendar based Lease Charges         (( ( 1 - 1 / 1 ) )) + -         #       From Period         Total         1       1         2       1         3       1         4       ( No records to display)         #       From Value       To Value	10.00	CAD Exchange Rate	of Rental Price / UOM	区 前 20 00 単 4 11 Lesse Ch	All arges 10.00	
Total Rental Value         Calendar based Lease Charges         (( ( 1 - 1 / 1 ) )) + -         #       From Period         To F         1       1         2       -         Parameter based Lease Charges         (( ( No records to display) ) )) ))         #       From Value         To Vale	10.00 Period UOM 1 Years Period UOM	CAD Exchange Rate	of Rental Price / UOM	☆ 首 ☆ ● 単 当 Ⅲ Lease Charges Lease Charges	All arges 10.00	▼ D Remarks
Total Rental Value         Calendar based Lease Charges         (( ( 1 - 1 / 1 ) )) + -         #         From Period         To f         1         2         •         Parameter based Lease Charges         (( ( No records to display) ) )) ))         #         From Value       To Val         1       -	10.00 Period UOM 1 Years + - C \$ \$ \$ \$ \$ T UOM	CAD Exchange Rate	of Rental Price / UOM	☆ 前 ☆ ● 単 当 Ⅲ Lease Charges Lease Charges	All arges 10.00 All 5 Re	v   p Remarks v   p emarks
Total Rental Value         Calendar based Lease Charges         (( ( 1 - 1 / 1 ) )) + -         #         From Period         Total         1         2         •         Parameter based Lease Charges         (( ( [No records to display] ) ))         #         From Value         1	10.00	CAD Exchange Rate	of Rental Price / UOM	Image: Second secon	All arges 10.00 All 7 Re	v   D Remarks 0 v   D emarks
Total Rental Value         Calendar based Lease Charges         (( ( 1 - 1 / 1 ) )) + -         #       From Period         To       1         2       -	10.00	CAD Exchange Rate	of Rental Price / UOM	Image: Constraint of the second se	All arges 10.00	v   0 Remarks
Total Rental Value         Calendar based Lease Charges         (( ( 1 - 1 / 1 ) )) + -         #       From Period         To         1       1         2       -         •       Parameter based Lease Charges         (( ( ( No records to display) ) )))         #       From Value         1       -	10.00	CAD Exchange Rate	of Rental Price / UOM	区 値 区 健 区 の の の の の の の の の の の の の の の の の	All arges 10.00	v   0 Remarks 0 v   0 emarks
Total Rental Value            Calendar based Lease Charges          #          From Period          #          From Period          Parameter based Lease Charges             (4          (No records to display]          #          From Value          To Value          I           I           I           I           I           I           I           I           I           I           I           I           I           I	10.00	CAD Exchange Rate	of Rental Price / UOM	Image: Constraint of the second se	All arges 10.00	v     p       a     a       b     a       a     b       b     b       c     b       c     b       c     b       c     b       c     b       c     b       c
Total Rental Value         Calendar based Lease Charges         #       From Period         Total         1       1         2       1         Brameter based Lease Charges         (       (No records to display)         #       From Value         To Val         1       1         User Defined Details         User Defined Detail-1	10.00	CAD Exchange Rate Flat Rate / UOM Percent 10.00 T, Flat Rate / UOM Percent of Re User Defined Option -1	of Rental Price / UOM	Image: Image	All arges 10.00	
Total Rental Value Calendar based Lease Charges From Period To F T T From Period To F T T From Value To Val T User Defined Details User Defined Detail-1 Remarks	10.00	CAD Exchange Rate Flat Rate / UOM Percent I 0.00 Flat Rate / UOM Percent of Re User Defined Option -1	of Rental Price / UOM	Image: Image	All arges 10.00	
Total Rental Value         Calendar based Lease Charges         (()         #         From Period         1         2         •         Parameter based Lease Charges         (()         (()         •	10.00	CAD Exchange Rate Flat Rate / UOM Percent 10.00 Flat Rate / UOM Percent of Re User Defined Option -1	of Rental Price / UOM	∑ II × C II ← II Lease Ch	All arges 10.00	
Total Rental Value         Calendar based Lease Charges         (( ( 1 - 1 / 1 ) )) + -         # From Period         Total         1         2         • Parameter based Lease Charges         (( ( No records to display) ) ))         # From Value         To Val         1         • User Defined Details         User Defined Details         • Attachments	10.00 Period UOM 1 Years Period UOM 1 Years UOM UOM	CAD Exchange Rate Flat Rate / UOM Percent 10.00 Flat Rate / UOM Percent of Re User Defined Option -1 View File	of Rental Price / UOM	Image: Second second	All arges 10.00	
Total Rental Value         Calendar based Lease Charges         #       From Period         Total         1       1         2       1         Parameter based Lease Charges         et ( No records to display)         #       From Value         To Val         1       1         Example       User Defined Details         User Defined Details       Lemarks         Attachments       Ffe Na	10.00 Period UOM 1 Years Period UOM 1 Years UOM UOM	CAD Exchange Rate Flat Rate / UOM Percent 10.00 T. Flat Rate / UOM Percent of Re User Defined Option -1 User Defined Option -1 View File Amand E	of Rental Price / UOM	Image: Second second	All arges 10.00	
Total Rental Value         Calendar based Lease Charges         #       From Period         Total         1       1         2       1         Parameter based Lease Charges         (       (No records to display)         #       From Value         To Value       To Value         1       1	10.00 Period UOM 1 Years Period UOM 1 Years UCM UCM UCM UCM	CAD Exchange Rate Flat Rate / UOM Percent 10.00  T. Flat Rate / UOM Percent of Re User Defined Option -1 User Defined Option -1 Amend R	of Rental Price / UOM	Image: Second state sta	All arges 10.00 All Ref. Document	
Total Rental Value         Calendar based Lease Charges         (( ( 1 - 1 / 1 ))) + -         # From Period         Total         1         -         Parameter based Lease Charges         (( ( [No records to display] ))))         # From Value         To Value         1         -	10.00	CAD Exchange Rate  Flat Rate / UOM Percent  T,  Flat Rate / UOM Percent of Re  User Defined Option -1  View File  Amend R  Edt TCD Details	RENTAL CLOSURE	Image: Second state of the second s	All arges 10.00 All Ref. Document	▼
Total Rental Value Calendar based Lease Charges From Period To F T T T From Period To F T T T From Value To Val T From Value To Val T Edit Terms and Conditions Authorize Rental Order	10.00	CAD Exchange Rate  Flat Rate / UOM Percent  T,  Flat Rate / UOM Percent of Re  User Defined Option -1  View File  Edit TCD Details View Consumption & Range Parameters	of Rental Price / UOM	Image: Image	All arges 10.00 All Ref. Document [ Ref. Document ] Yeel Sec	Remarks      P
Total Rental Value Calendar based Lease Charges Calendar based Lease Charges From Period To F T T T From Value From Value To Val T Value To Val T Cover Defined Details User Defined Details User Defined Details Calendar Details File Na Edit Terms and Conditions Authorize Rental Order User Defined Details	10.00 ■ ★ ☆ & Y T. Period UOM 1 Years + - □ ★ ☆ & Y ue UOM 	CAD Exchange Rate  Flat Rate / UOM Percent  T.  Flat Rate / UOM Percent of Re  User Defined Option -1  User Defined Option -1  Comparison of Range Parameters  Flat RCD Details  View Consumption & Range Parameters  Flat Rate / UOM	of Rental Price / UOM	Image: Second second	All arges 10.00 All 7 Ref. Document This 'Ref. Sec	Image: solution of the section.
Total Rental Value Calendar based Lease Charges From Period To F T T From Period To F T T From Value To Val T Ver Defined Details User Defined Details User Defined Details File Na Edit Terms and Conditions Authorize Rental Order Upload Documents	10.00	CAD Exchange Rate  Flat Rate / UOM Percent  Flat Rate / UOM Percent  Flat Rate / UOM Percent of Re  Luser Defined Option -1  User Defined Option -1  Luser Defined Option -	of Rental Price / UOM	Image: Second state of the second s	All arges 10.00	Remarks      Remarks      s field is moved from ference Details' tion to this section.

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

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

parts.

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

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

	99	elect Rental Order						Ramo	o Role - RAMCO	0U - 🎞 🖶		? 🖪
	irect E	ntry										
_		Rental Order #		Record Acknowledgment Infor	nation		New fields ad	ded in				
	earch	Criteria					New fields ad					
		Rental Order #			Status		the 'Search C	riteria'.	Customer #			
		Customer Name		R	ental Order Date From	1-09-2017		Rental	Order Date To	27-10-2017	<b></b>	
		Part #			Part Description				Serial #			
		Category		•	User Status		<b>• \</b>		Component #			
		Lot #			Dept For		-	Tra	ding Dartner #			
		200 #			Kent Tor			110	ung Farcher #			
	earch	Results										
	•	1 - 9 / 9 🕨 💌 🗙				Å	L I X Z İ I	1 III 14 ×	All	-		Q
44	•	1 - 9 / 9 ► ► ▼ T <sub>x</sub> Customer Name	Part #	Part Description	Component #	Serial #	In 명 또 문 🗎 🖛 User Status		All Rent For	▼ Trading Partr	er	Q
44 # 1		1 - 9 / 9 Customer Name Customer 8	Part # ROPART1	Part Description Rental part on behalf of customer	<i>Component #</i> C010242-2017	Serial #	Lh ♥ X. ☑ 首 ♥ User Status	The second secon	All Rent For	▼ Trading Partr	er	Q
44 # 1 2		1 - 9 / 9 <b>&gt; &gt;&gt; T</b> T <i>Customer Name</i> Customer 8 Air India	Part # ROPART1 3321530-9:1	Part Description Rental part on behalf of customer RH Axle	Component # C010242-2017 C010273-2017	Serial # SL5 F3	In ♥ X. E II ♥	Category	All Rent For	▼ Trading Partr	er	Q
<pre>44 # 1 2 3</pre>		1 - 9 / 9 ) ) ) T T Customer Name Customer 8 Air India Air India	Part # ROPART1 3321530-9:1 3321530-9:1	Part Description Rental part on behalf of customer RH Axle RH Axle	Component # C010242-2017 C010273-2017 C010275-2017	Serial # SL5 F3 F5	血 町 文 屋 曽 単 User Status	t∎ III ti X Category	All Rent For	Trading Partr	er	Q
44 # 1 2 3 4		1 - 9 / 9 ► ► ▼ T <sub>x</sub> <i>Customer Name</i> Customer 8 Air India Air India	Part # ROPART1 3321530-9:1 3321530-9:1 3321530-9:1	Part Description Rental part on behalf of customer RH Axle RH Axle RH Axle	Component # C010242-2017 C010273-2017 C010275-2017 C010353-2017	<i>Serial #</i> SL5 F3 F5 SL-200	<u>In</u> ♥ X 2 曲 ♥	Category	All Rent For	Trading Partr	er	Q
# 1 2 3 4 5		1 - 9 / 9 → → T T. <i>Customer Name</i> Customer 8 Air India Air India Air India	Part # ROPART1 3321530-9:1 3321530-9:1 3321530-9:1 3321530-9:1	Part Description Rental part on behalf of customer RH Axle RH Axle RH Axle RH Axle	Component ≠ C010242-2017 C010273-2017 C010275-2017 C010275-2017 C010355-2017	Serial # SL5 F3 F5 SL-200 SL-200B	In ♥ X ⊆ II ♥	Category	All Rent For	Trading Partn	er	Q
44 # 1 2 3 4 5 6		1 - 9 / 9 → → T T. <i>Customer Name</i> Customer 8 Air India Air India Air India Air India	Part # ROPART1 3321530-9:1 3321530-9:1 3321530-9:1 3321530-9:1	Part Description Rental part on behalf of customer RH Axle RH Axle RH Axle RH Axle RH Axle	Component ≠ C010242-2017 C010273-2017 C010275-2017 C010353-2017 C010352-2017 C010292-2017	Serial #           SL5           F3           F5           SL-200           SL-200B           R1	In S X ⊆ II ₽	Category New display added in the	All Rent For fields are e multiline	Trading Partn	er	ρ
44 # 1 2 3 4 5 6 7		1 - 9 / 9 ► ► ▼ ▼ ▼ Customer Name Customer 8 Air India Air India Air India Air India Air India Air India Air India	Part # ROPART1 3321530-9:1 3321530-9:1 3321530-9:1 3321530-9:1 3321530-9:1 3321530-9:1	Part Description Rental part on behalf of customer RH Axle RH Axle RH Axle RH Axle RH Axle RH Axle RH Axle RH Axle RH Axle	Component ≠ C010242-2017 C010273-2017 C010275-2017 C010355-2017 C010355-2017 C010292-2017 C010249-2017	Serial # SL5 F3 F5 SL-200 SL-200B R1 A1	In S X ⊆ II ∓ User Status	Category New display added in the	All Rent For fields are e multiline	Trading Parts	er	Q
44 # 1 2 3 4 5 6 7 8		1 - 9 / 9 → → ▼ T. Customer Name Customer 8 Air India Air India Air India Air India Air India Air India Air India Air India Air India	Part # ROPART1 3321530-9:1 3321530-9:1 3321530-9:1 3321530-9:1 3321530-9:1 3321530-9:1	Part Description Rental part on behalf of customer RH Axle RH Axle RH Axle RH Axle RH Axle RH Axle RH Axle RH Axle	Component # C010242-2017 C010273-2017 C010353-2017 C010355-2017 C010392-2017 C010349-2017	Serial # SL5 F3 F5 SL-200 SL-200B R1 A1 11	Le S x ⊊ ⊟ I	Rew display	All Rent For fields are e multiline	Trading Partr	er	Q

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

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

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

\star 📋 Record Acknowledgment Informat	ion	Ramco	Role - RAMCO OU 📢 🖣	1 2 3 4 5 + ++	1 /9 🕮 🖶 🕴	± ←	? 🗔 🗖
Rental Order Details Rental Order # REO4-000002-17 Status Shipped	Amendi	ient #		Rental Order Dat	e 13-10-2017		
Customer Information Customer # 400006	Custome	Name Customer 8		Contact Perso	n Accounts Payable		
Phone 514-422-7239 Address 7373 Côte-Vertu v	vest chennai madr	Fax 245242345		E-Ma	il twkdn@go.com		
Part # ROPART1 Manufacturer Part # 23555 Serial # SL5 Condition New	Part Desc Manufacturer Compo Par	ption Rental part on beh Vame ent # C010242-2017 Type Component	nalf of customer	Order Quantity Lot #	1.00		
Simplify Decails           (4)         1         1         1         1         7         7.6           #         Issue #         Issue Date         1         Rol1-000001-2017         16-10-2017	Two columnar approach changed to three columnar approach	ment Date	▶ 血 3 X 足 首 Shipped by	単 論 III 14 メ All Carrier / Agency ま	Packing Sl	p #	Q
Acknowledgement Details							ł

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

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

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

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

Die	et Entre	it Kental C	лаег								Kallico Kole - KAMCO C		<b>₹</b> ₹
	Len	Re	ental Order #		Vie	ew Rental Order				Now fields added in			
sea	rch Critei	na Rent	al Order #					Statu	S	the 'Search Criteria'.	Customer #		
		Custo	omer Name				Rental C	Order Date Fro	104-Sep-2017		tal Order Date To	04-Oct-2017	
			Part #					Part Descriptio	n		Serial #		
			Category		•			User Statu	S	<b>• \</b>	Component #		
			Lot #					Rent Fo	ir	•	Trading Partner #		
Sea	rch Resu	lts											
Sea	rch Resul	lts ! / 2 📦 📦	T Tx								= 010 AI	•	
Sea	1 - 2 1 <i>1 - 2</i>	2 / 2 · · · · · · · · · · · · · · · · ·	T Tx Part #	Part Description	Component	# Serial #	User Status	Category 1	Due Days Reaso	人山で太足首の単 Pending Qty. for Return	+ III All Rent For	▼ Trading Partner	
Sea (1	1 - 2 <i>1 - 2</i>	2 / 2 • • • • • • • • • • • • • • • • •	<b>T T</b> <sub>x</sub> Part # 04689:P27	Part Description RPM (AMMTR) METER	Component - A102442	# Serial # REG-Q1-ST	User Status	Category 1	Due Days Reaso	人 山 町 文 区 曲 む 単	All     Rent For     1.00 Customer	Trading Partner 400007   Air India	
Sea	1 - 2	2 / 2 <i>Customer</i> Air India Air India	<b>T T</b> <sub>x</sub> <i>Part #</i> 04689:P27 04689:P27	<i>Part Description</i> RPM (AMMTR) METER RPM (AMMTR) METER	Component - A102442 A104724	# Serial # REG-Q1-ST 2783-467	User Status	Category I	Due Days Reaso	人 血 U X 区 首 C 単	All Rent For 1.00 Customer 1.00 Custor	Trading Partner 400007   Air India 400007   Air India	
Sea 4	1 - 2	ts / 2 ) ) <i>Customer</i> Air India Air India	<b>T T</b> <sub>x</sub> <i>Part #</i> 04689:P27 04689:P27	Part Description RPM (AMMTR) METER RPM (AMMTR) METER	<i>Component</i> - A102442 A104724	# Serial # REG-Q1-ST 2783-467	User Status	Category 1	Due Days Reaso	上 Lu U X 区 首 C 単	Rent For 1.00 Customer 1.00 Custor	Trading Partner 400007   Air India 400007   Air India	
Sea	1 - 2	ts 2 / 2 ) ) ) Customer Air India Air India	<b>T T A A A A A A A A A A</b>	Part Description RPM (AMMTR) METER RPM (AMMTR) METER	Component - A102442 A104724	# Serial # REG-Q1-ST 2783-467	User Status	Category I	Due Days Reaso	Pending Qty. for Return	AI Rent For 1.00 Customer 1.00 Custor display fields are	Trading Partner 400007   Air India 400007   Air India	
Sea (	1 - 2	t / 2 ) ) ) Customer Air India Air India	<b>T T</b> <sub>x</sub> <i>Part #</i> 04689:P27 04689:P27	Part Description RPM (AMIMTR) METER RPM (AMIMTR) METER	<i>Component</i> - A102442 A104724	# Serial # REG-Q1-ST 2783-467	User Status	Category I	Due Days Reaso	Pending Qty. for Return	Al     Rent For     I.00 Customer     I.00 Customer     I.00 Customer     I.00 Gustomer     display fields are d in the multiline	Trading Partner 400007   Air India 400007   Air India	
• Sez	rch Resul	t / 2 ) ) / 2 ) ) / 2 ) ) / 2 ) ) / 2 ) /	<b>T T</b> <sub>x</sub> <i>Part #</i> 04689:P27 04689:P27	Part Description RPM (AMIMTR) METER RPM (AMIMTR) METER	<i>Component</i> - A102442 A104724	# Senial # REG-Q1-ST 2783-467	User Status	Category 1	Due Days Reaso	Pending Qty. for Return	AI Rent For 1.00 Customer 1.00 Custor display fields are d in the multiline	Trading Partner 400007   Air India 400007   Air India	

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

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



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

										_
★ 🗎 View Rental Order				Ramco Role	- RAMCO OU 44 4 306 30	7 308 309 3	10 + ++ 309	/315 🍱 🖶 !	₽ ← ?	¢ K
Rental Order Details										
Rental Order #	RO-000015-2012		Amendment #		0 V Get Details		Status	Fresh		
Rental Order Date	21-Mar-2012		Rental Order Type	Regular			Sale Value			
Customer #	400007		Priority	NRM			Aircraft Reg #			
Part #	N21F2-90-R-1		Part Description	FUEL PUMP			Order Currency	CAD		
Category			User Status							
Rent Fo	Self		Trading Partn	er #		Tra	ding Partner Name			
Rental Inv. Org.			- -				-			
Customer Information										
Customer Name	Air India						Contact Person	albert		
Phone	0001-201-01213			Fax 0562-2400497			E-Mail	agr.sm@airindia.in		
Address :	# 101 suite,Lawerence	New section	'Rent for							
Part Information	07000400.0	Information'	is added	ot #			Condition	Quarkended		
Component *	8709C4DD-8	Information	Warehou				Location	Overnauled		
Manufacturer Part #	- COMP89 -		Manufacturor M	ISC# TULCS			Part Turne	Campage to the second		
	W21F2-90-K-1		Planuracturer in	ation			Part Control Type	Component		
Order Quantity	/ 1.00		Stock	UOM EA			Tare control type	Senal Controlled		
Reference Details	1.00		Stock							
Agreement #	AIRCANADA-2012		Off	er # OF-2012/0901			Ref. Document #	1		
Lease Information										
Lease Charges On	Both		TCD Applicable	No		Per	alty Applicable Ye	5		
From Date	21-Mar-2012		Calendar Lease Period	3	Months	Paramete	er Lease Period 60	0	HRS	:
Lead Parameter	FH									
Administrative Charges Policy	,		Calendar based Lease Charges D	alicy Elst	0	alandar hacad Le	ace Charger Bacic	Cumulative		
Darameter based Lease Charges Policy	Percent		Darameter based Lease Charges P	acic Deried			case charges basis	Cullulative		
Order Value Details	Perceit		arameter babea cease enarges i							
Base Price	10000.00	CAD	MarkUp Fa	actor 1.50			Rental Price	15000.00		CAD
Administrative Charges Percent	t		Administrative Cha	rges 10.00	CAD		Rental Charges	270910.00		CAD
Lease Charges	270900.00	CAD	TCD V	alue 0.00	CAD		Additional Charges	0.00		CAD
Total Rental Value	270910.00	CAD	Exchange	Rate 1.0000000			Base Currency	CAD		
Calendar based Lease Charges										
	T. T.					# # 00	All	-		Q
# 🗉 From Period	To Period UOM	Flat Ra	te / UOM Per	cent of Rental Price / UOM		Lease C	harges	Remarks		
1 🗖 1	3 Months	;	300.00				900.0	10		
Parameter based Lease Charnes										
	T Tx				YFQXKBC		All	•		Q
# E From Value To	Value UOM	Flat Rate / U	OM Percent	of Rental Price / UOM		Lease Charge	es /	Remarks		
1 🗖 1	600 HRS				3.00		270000.00			
User Defined Details										
User Defined Detail -1			User Defined Ontic				Ref Document	AIR CANADA-9		
Remarks	Dease Process this order Iter	m required urgently	oser bennea opa	A RENTAL CLOSURE			Ren bocument	AIR CANADA-5		
- Attachments	icuse inoceas uns order, itel	a required digency								
File Name	è.									
							This field	is moved fro	om	
View Terms and Conditions	ion	View	ICD Details		View Per	halty Charges	'Referenc	e Details'		
view snipping / Acknowledgement Informat	3011	view	consumption & Range Parameter	>			section to	this section	-	
Upload Documents		View	Associated Doc. Attachments				Section I	S and Section		
Decord Statistics										
+ Record Statistics										

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

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



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

★ 🗎 View Terms and Condi	itions	Ramco Role - RAI	ICO OU 🚅 🖶 🛱 🗲 ? 🗔 🖪
- Rental Order Details			
Rental Order #	RO-000015-2012 Amendment	# Stal	us Fresh
Rental Order Date	21-Mar-2012 Customer Nan	e Air India Order Currer	CAD
General Terms Agreement Details			
GTA Reference #	aircanada 2012 Ref. Document Dai	e 21-Mar-2012 File Na	ne
GTA Remarks Ag	greement dated on 31/12/2012		
Bill to Address			
Bill To Customer #	400184 Bill To Addre	S Ship to Contact Pers	on Joseph
Address			
Phone	044 22562054 Fa	× 044-2278054 Em	ail
- Insurance Payment Terms			
Advance Payable	Advance Payable By Da	Advance Tolerance Perce	nt
Advance Percent	Advance Percent C	n Advance Applica	le
Pay Term	N030D000_00.0 Exchange Ra	e As of Invoice Date Action on Non Payme	nt
Receipt Mode	Receipt Metho	d DD Charges borne	by
Payment Notes General Payment Terms			
Insurance Liability	Insurance Amou	ıt	
Insurance Terms			
Ship to Address			
Ship To Customer #	400007 Ship To Addre	S Trichy Contact Pers	on Lisa Kalloo
Address			
Phone	954-359-2561 Fa	× 954-359-6057 En	ail agr.sm@airindia.in
Inco Term	FOB Port Of Departu	e Los angles Port Of Destinat	on Toronoto
Ship By	As per routing guide Shipping Payme	at Carrier	#
Freight Billable	Freight Amou	nt 100.00 Packaging Co	de CARTON
Packaging Notes P	lease handle with immense care		
Shipping Notes D	eliver to the customer		
Return to Location	RAMCO OU Warehouse	# YULCS Ship	By As per routing guide
Address			
Shipping Payment	CUSTOMER Carrier	Freight Payal	le
Packaging Notes Pl	ease handle with immense care	New MIKS die duueu.	
Shipping Notes De	eliver to the supplier		
View TCD Details		View Penalty Charges	
Upload Documents		View Associated Doc. Attachments	

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

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



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

\star 🗎 View TC	D Details							Ramco	Role - RAMCO (	)U 74 📑		+ ?	) 🖬 (
- Rental Order Det	ails												
	Rental Order #	RO-000314-2017	,		Amendmen	t #			Status F	resh			
	Rental Order Date	06-Sep-2017			Customer Na	me Air India		O	rder Currency C	AD			
- Order Value Deta	ils												
	Rental Price	1650.00	CAD		Administrativ	e Charges	CAD		Lease Charges	16.50		CAI	D
	Rental Charges		CAD										
	TCD Application	Rental Charges	<b>▼</b> G	iet Details		TCD Value 0.00	CAD						
- TCD Details													
44 4 1 -1/1	• • = T	Tx								Ŧ			Q
# 🗏 TCD Sequ	ience	TCD #	TCD Variant #	TCD Type	Basis	TCD Rate	Taxable Amount	TCD Amount	Currency	Pay to Su	oplier #		
1	1	GST - SALE	5	Tax	Percentage	5.00		0.00	CAD	00000			
						New field the multil	is added in ine.	New links are	e added.				
<								7/					>
View Terms and Conditio	ons		View Penalty Cha	arges									
Upload Documents			View Associated	Doc. Attachments									

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

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

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

★ 🗎 View Penalty Char	rges					Ramco Role - RAMCO OU	갸름		? 🗔 [
Rental Order Details									
Rental Or	rder # RO-000015-2	2012	Ai	mendment #		Status Fresh			
Rental Order	r Date 21-Mar-2012		Cus	stomer Name Air India		Order Currency CAD			
- Lease Information									
Lease Charg	ges On Both			From Date 21-Mar-2012		Calendar Lease Period 3		Mon	ths
Parameter Lease I Penalty Information	Period 600	HRS	Lea	d Parameter FH					
Penalty Charg	ges On Both		Calendar Pe	enalty Period 5	Days	Parameter Penalty Period 5		HRS	
Penalty Charges Policy Detail	ils								
Calendar Based Penalty Charges Polic	y Percent	Cumulative	Parameter Based Penalty	/ Charges Policy Percent	Cumulative				
(4) 4 1 - 1/1 → →					人画句文反首で		•		Q
# 🗇 From Period	To Period	UOM	Flat Rate / UOM	Percent of Rental Price / UOM		Penalty Charges	Remarks		
1	1	5 Davs				5.00 3750.00			
<								_	>
- Parameter based Penalty Ch	harges								
(4) (4) 1 - 1/1 → →	- T T,						•		Q
# 🗇 From Value	To Value	UOM	Flat Rate / UOM	Percent of Rental Price / UOM		Penalty Charges Re	emarks		
1 🗉 1	5	HRS			5.00	3750.00			
					New I	inks are added.			
View TCD Details		View Terms and	Conditions						
Upload Documents		View Associated	Doc. Attachments						

## Background

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

# **Change Details**

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

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

## **Rental Order Accounting:**

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

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

# WHAT'S NEW IN PROCUREMENT MANAGEMENT?

# **Ability to Configure Printer for FeDEX label printing**

Reference: AHBG-15956

## Background

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

## **Change Details**

#### **Logistics Common Master**

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

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

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

*	D	Set Inventory Process P	arameters			Ramco	Role - RAMCO	이 · 쟈 를 다	+? 🖪	Ş K
	earch	Criteria	New parameter added under the		Date Fo	ormat <b>dd-m</b>	mm-уууу			-
	earch	Results	category 'Stock Maintenance'	Category Stock Maint	enance	V				
	•	1 -4/4 > >> + (				•	All	T		Q
#		Category	Parameter		Permitted Value	Value	Status	Error Message		
1		Stock Maintenance	FedEx Label printing		Enter '0' for 'Not Required' , '1' for 'Required'	1	Defined			
2		Stock Maintenance	Inventory Valuation for Customer stock		Enter '0' for 'No' , '1' for 'Yes'	0	Defined			
3		Stock Maintenance	Inventory Valuation for Supplier Stock		Enter '0' for 'No'	0	Defined			
4		Stock Maintenance	Value 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'	1	Defined			
5										
					I					
		<							>	
	ecord	Statistics		Set Parameters						_
			Last Modified by DMUSER		Last Modified	Date 19-Se	ep-2017			

#### **Configure Printer**

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

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



- 4. Printer The printer that is connected to the warehouse for producing hard copies.
- 5. No. of Copies Specifies the number of copies that the printer automatically prints.
  - Note: Whenever the User-Printer mapping for WayBill printing details are being modified, then a history for the modified values will be maintained.

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

	Configure Printer							Ramco Role -	RAMCO OU 👻 🗄	4 🖶 9	t 🔶	?
M	MD Printer Label Printer Search Criteria Warehou	ISE #	lew tab 'Label Irinter' is added		Username Search			 Transaction Type			7	-
	Configure Label Printer								-		0	-
#	Warehouse # P	Username 🔎	Transaction Type	Printer		No. of Copies	Remarks	Created by	Created Date	Last Modif	ied by	
1	0123	11097	•	·		•	3					
2				r								
		٢							_		>	
					Save							

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

# WHAT'S NEW IN STOCK MANAGEMENT REPORTS?

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

Reference: AHBG-17114

## Background

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

## **Change Details**

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

**Example:** Consider that P1-S1 is a component part that is in stock (E.g. Engine). P2-S2 is a sub-component part attached to P1-S1 (E.g. Engine Fan Frame). P3-S3 is a sub-component part attached to P2-S2 (E.g. Actuator ring).

Currently, if P1-S1 is due for shelf life expiry / maintenance, it will be retrieved in the report. However, P2-S2 and P3-S3, even if they are due for maintenance and shelf life expiry, will not be retrieved in the report. This report is now enhanced to retrieve and display even the sub-component parts P2-S2 and P3-S3 in the report, if they are due for shelf life expiry / maintenance.

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

Repo	rt: Shelf Life	Expiry													_
SI. No	Zone #	Bin #	Part #	Part Desc	Serial #	Lot #	Mfr. Lot #	Condition	Qty	UOM	Stock Status	Value	Due Date	Due days	SLE
286	01	1	ECH	Engine Part	A2			New	1.00	EA	Accepted	100.00	Not available		Yes
287	01	1	ECH	Engine Part	B1			New	1.00	EA	Accepted	100.00	Not available		Yes
288	01	1	ECH	Engine Part	<b>B</b> 3			New	1.00	EA	Accepted	100.00	Not available		Yes
289	01	1	ECH	Engine Part	B6			New	1.00	EA	Accepted	100.00	Not available		Yes
290	01	1	ECH	Engine Part	eee			Unserviceable	1.00	EA	Accepted	0.00	Not available		Yes
291	01	1	ECH	Engine Part	SL-001			Serviceable	1.00	EA	Customer Owned	0.00	Not available		Yes
292	01	1	ECH SUB PART2	ECH sub part2	200			Serviceable	0.00	EA	Accepted	0.00	Not available		No
	Attached Part	#: ECH; Serial	#: 200; Part De	scription : Engine	Pait				-						-
293	01	1	PART 2	Component	SL-000 92- 2016			Unserviceable	1.00	EA	Accepted	50.00	Not available		No
294	0-3	333	Z342: 1CH55-AA	Z342:1CH55-AA	13			New	1.00	EA	Accepted	0.00	Not available		No
295	01	1	Z342: 1CH55-AA	Z342:1CH55-AA	256			New	1.00	EA	Accepted	0.00	Not available		No
296	0-3	333	Z342: 1CH55-AA	Z342:1CH55-AA	569			Now	1.00	EA	Accepted	0.00	Not available		No
		·				Displays	attache	d							
						oart deta	ails for								
						ub-com	nonente								
							ponents	, 							
Legen	nd: **-Haz	zmat, UOM - l	Jnit Of Measu	rement, SLE - S	helf Life Ext	endable,									

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

**Ramco Aviation Solution** 

## **Corporate Office and R&D Center**

Ramco Systems Limited, 64, Sardar Patel Road, Taramani, Chennai – 600 113, India Office + 91 44 2235 4510 / 6653 4000 Fax +91 44 2235 2884 Website - www.ramco.com