



ramco



# Ramco Aviation Solution

## Version 5.7.5

**Enhancement Notification**

Materials

## DISCLAIMER

©2015 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.

## TABLE OF CONTENTS

<b>WHAT'S NEW IN LOGISTIC COMMON MASTER?.....</b>	<b>5</b>
ABILITY TO CAPTURE PURPOSE OF PROCUREMENT .....	5
<i>Background</i> .....	5
<i>Change Details</i> .....	5
ABILITY TO ASSOCIATE SPECIFIC PARTS TO INSPECTION CHECK LIST .....	6
<i>Background</i> .....	6
<i>Change Details</i> .....	6
<b>WHAT'S NEW IN TAX CHARGES AND DISCOUNTS?.....</b>	<b>9</b>
ABILITY TO DEFINE THE TAXES FOR THE TAX RULE COMBINATION.....	9
<i>Background</i> .....	9
<i>Change Details</i> .....	9
<b>WHAT'S NEW IN SUPPLIER?.....</b>	<b>11</b>
ABILITY TO GROUP THE SUPPLIER'S BASED ON TAX APPLICABILITY .....	11
<i>Background</i> .....	11
<i>Change Details</i> .....	11
<b>WHAT'S NEW IN PART GROUPS? .....</b>	<b>12</b>
ASSOCIATE PARTS TO PART GROUPS BASED ON THE TAX APPLICABILITY.....	12
<i>Background</i> .....	12
<i>Change Details</i> .....	12
<b>WHAT'S NEW IN STORAGE ADMINISTRATION? .....</b>	<b>13</b>
ABILITY TO GROUP THE WAREHOUSE BASED ON THE GEOGRAPHIC LOCATION .....	13
<i>Background</i> .....	13
<i>Change Details</i> .....	13
<b>WHAT'S NEW IN TAX INHERITANCE FRAME WORK? .....</b>	<b>15</b>
MALAYSIAN GST AND TAX INHERITANCE FRAME WORK .....	15
<i>Background</i> .....	15
<b>WHAT'S NEW IN REQUEST FOR QUOTATION?.....</b>	<b>16</b>
ABILITY TO UPLOAD DOCUMENTS AND VIEW THEM AGAINST RFQ AND QUOTATION DOCUMENTS .....	16
<i>Background</i> .....	16
<i>Change Details</i> .....	16
ABILITY TO REVIEW MATERIAL REQUEST DURING PR CREATION/MODIFICATION .....	18
<i>Background</i> .....	18
<i>Change Details</i> .....	18
<b>WHAT'S NEW IN PURCHASE ORDER? .....</b>	<b>20</b>
ABILITY TO AUTHORIZE COST AMENDMENT IN "CLOSED" PO .....	20
<i>Background</i> .....	20
<i>Change Details</i> .....	20
ABILITY TO INHERIT TAXES IN PURCHASE ORDER.....	21
<i>Background</i> .....	21
<i>Change Details</i> .....	21
<b>WHAT'S NEW IN REPAIR ORDER? .....</b>	<b>24</b>
ABILITY TO AUTHORIZE COST AMENDMENT IN "CLOSED" RO.....	24
<i>Background</i> .....	24
<i>Change Details</i> .....	24

ABILITY TO INHERIT TAXES IN REPAIR ORDER.....	25
<i>Background</i> .....	25
<i>Change Details</i> .....	25
<i>Other Changes in Repair Order</i> .....	27
ABILITY TO RETURN A REPAIR ORDER DURING AUTHORIZATION.....	28
<i>Background</i> .....	28
<i>Change Details</i> .....	28
ABILITY TO DISPLAY TSN, TSO AND CR INFORMATION FOR EACH COMPONENT IN CREATE COMPONENT RO ENTRY SCREEN .....	31
<i>Background</i> .....	31
<i>Change Details</i> .....	31
<b>WHAT'S NEW IN GOODS INWARD? .....</b>	<b>34</b>
ABILITY TO RECORD VERIFICATION OF THE CHECK LIST IN RECEIVING INSPECTION .....	34
<i>Background</i> .....	34
<i>Change Details</i> .....	34
<b>WHAT'S NEW IN STOCK DEMAND MANAGEMENT? .....</b>	<b>36</b>
ABILITY TO DISPLAY PART CATEGORY AND SOURCING OPTIONS FOR A PART IN PLAN MATERIAL SCREEN TO FACILITATE MATERIAL PLANNING.....	36
<i>Background</i> .....	36
<i>Change Details</i> .....	36
<b>WHAT'S NEW IN STOCK RETURN? .....</b>	<b>39</b>
ABILITY TO MODIFY A SWO BASED MAINTENANCE RETURN DOCUMENT TO ADD ADDITIONAL PARTS.....	39
<i>Background</i> .....	39
<i>Change Details</i> .....	39
<b>WHAT'S NEW IN KIT MANAGEMENT? .....</b>	<b>40</b>
ABILITY TO MANAGE COSTING AND ACCOUNTING OF KITS DURING RE-BUILD / PARTIAL BREAK.....	40
<i>Background</i> .....	40
<i>Change Details</i> .....	40
ACCOUNTING IMPACT OF KIT TRANSACTIONS.....	40
<i>Accounting Entries</i> .....	41
<b>WHAT'S NEW IN MMD REPORT?.....</b>	<b>42</b>
REVIEW AND RATIONALIZATION OF DIFFERENT FORMATS OF MMD REPORTS AND CONSOLIDATE INTO ONE REPORT FOR SCALABILITY AND EASE OF MAINTENANCE .....	42
<i>Background</i> .....	42
<i>Change Details</i> .....	42
ABILITY TO PRINT AME SEQ # AND TRACKING ID IN MMD REPORT AT THE PART LEVEL.....	45
<i>Background</i> .....	45
<i>Change Details</i> .....	45
ABILITY TO CONFIGURE THE MMD PRINTING OPTIONS.....	46
<i>Background</i> .....	46
<i>Change Details</i> .....	46

## WHAT'S NEW IN LOGISTIC COMMON MASTER?

### Ability to capture Purpose of Procurement

#### Background

GST will be varied based on the Purpose of procurement. Goods that are procured to consume within the country then the Tax will be levied 6% (Standard Rated Purchase); if it is consumed outside the country then the Tax will be levied at 0% (Zero Rated Purchase).

Business Requirement is to capture the Purpose of the Procurement for a Purchase order. It is a Pre-requisite to define the Tax Rule in **Manage Purchase Tax Rule** screen.

#### Change Details

In the **Manage Logistic Quick Code** activity the value "Purpose" is loaded in the "Quick Code Type" drop down facilitating definition of Purpose for Manage Purchase Tax Rule.

## Ability to associate specific parts to inspection check list

Reference: AHBf-9739

### Background

Inspection Check List aids the inspector to perform an efficient Inspection. When the Parts are received through Regular Purchase or Repair Receipt, the inspector inspects the parts by using an Inspection Check List. The Inspection check list can be applicable at Document, Part or Specific Part level.

Some of the examples of part specific Inspection Check list are:

1. Log Card / Log Book
2. Minimum Life Limit / Shelf Life
3. Service / Operational Manual
4. Verify Service Bulletin is complied
5. Check for the presence of O2 generator
6. No jelly is visible on the part

In our Application, Inspection Check list can be defined at Document and Part level. However there is no provision to display Part Specific Inspection check list.

Business need is to provide an ability to display Inspection Check list for a Specific Part and its alternates.

### Change Details

In **Manage Logistics Quick Code** screen, provision is given to define Inspection Check List for Specific Parts. A new Value "Specific Part" is added in the combo "Applicable On?". Existing value "Part" is renamed as "All Parts". Two new columns will be added "Recorded at Srl / Lot?" and "Parts associated?" are added in the multiline.

- i. **"Recorded at Srl / Lot?"** will have the values 'Yes' / 'No'. This will be used to specify if Inspection check list needs to be verified at Serial / Lot level. This will be applicable only when Applicable On? is selected as All Parts, Specific Part.

If this option is set as 'No', then the inspection check list tab in Inspect Parts UI will display the check list at Part level. If this option is set as Yes, then the inspection check list tab in Inspect Parts UI will display the check list at Part # and Serial / Lot # level. For example If 3 qty of Serial controlled part P1 is received, then inspection check list will display 3 rows for each inspection check list defined.

*Note: If Lot controlled part is received the number of rows must be equal to the number of lots received and not the number of quantities.*

- ii. **Parts Associated?** will display 'Yes', 'No' or 'NA'. This will be used to indicate if Parts are associated to the Inspection Check list. When Applicable On? is selected as "Specific Part", then this column will display "Yes" or "No". Parts can be associated directly or using the Part Attributes i.e., Part Category, Part Type,

## Enhancement Notification

Part Group or Part Classification. Even if one part is associated to the check list, this column will be displayed as "Yes". If parts are not associated, then this column will be displayed as "No". When Applicable on? is other than "Specific Part", then this column would be displayed as "NA".

**Exhibit-1:** Identifies the changes in **Manage Logistics Quick Code** screen

The screenshot shows the 'Manage Logistics Quick Codes' interface. At the top, there are dropdowns for 'Quick Code Type' (set to 'Inspection Check List'), 'Ref. Doc. Type' (set to 'Receipt'), and 'Ref. Doc. Sub Type' (set to 'Regular Purchase'). Below this is a table with columns: #, Quick Code, Description, Mandatory?, Applicable on?, Parts Associated?, Recorded at Srl/Lot?, Status, Created by, and Created. The table lists three quick codes: Q18 (Visual Inspection), Q19 (Tamppered?), and Q20 (Intact?). Callouts explain the 'Applicable on?' and 'Parts Associated?' columns. A link 'Associate Parts' is visible at the bottom left of the table area, with a callout explaining its function.

#	Quick Code	Description	Mandatory?	Applicable on?	Parts Associated?	Recorded at Srl/Lot?	Status	Created by	Created
			<input type="checkbox"/>	Document	NA	No	Active	DMUSER	28/05/2015
			<input type="checkbox"/>	All Parts	NA	No	Active	DMUSER	28/05/2015
			<input checked="" type="checkbox"/>	All Parts	NA	No	Active	DMUSER	28/05/2015
			<input checked="" type="checkbox"/>	Specific Part	Yes	No	Active	DMUSER	28/05/2015
			<input checked="" type="checkbox"/>	Specific Part	Yes	No	Active	DMUSER	28/05/2015
			<input type="checkbox"/>	Document	NA	No	Active	DMUSER	28/05/2015
			<input type="checkbox"/>	All Parts	NA	No	Active	DMUSER	28/05/2015
8	Q18	Visual Inspection	<input checked="" type="checkbox"/>	All Parts	NA	No	Active	DMUSER	28/05/2015
9	Q19	Tamppered?	<input checked="" type="checkbox"/>	Specific Part	Yes	No	Active	DMUSER	28/05/2015
10	Q20	Intact?	<input checked="" type="checkbox"/>	Specific Part	Yes	No	Active	DMUSER	28/05/2015

A new UI "Associate Parts" can be launched from the link available in Manage Logistics Quick Code. Inspection Check List which are defined at Specific Part level can be associated to Parts and its alternates or a group of part attributes. Based on this definition, Inspection Check List will be displayed in Inspect Parts UI.

Exhibit-2: Identifies the New UI “Associate Parts” in Manage logistics Quick Code

The screenshot shows the 'Associate Parts' interface. At the top, there's a breadcrumb trail: 'Stock Management > Logistics Common Master > Associate Parts'. Below that, the title 'Associate Parts' is displayed. A search bar is present with 'Quick Code Type' set to 'Inspection Check List' and a 'Search' button. The main area contains a table with columns: #, Quick Code, Part #, Part Description, Include Alternates?, Part Group, Part Category, Part Type, Part Classification, Quick Code Desc., Ref. Doc. Sub Type, and Created by. A yellow callout box highlights the 'Part Description' column with the text: 'Provision to define Inspection Check List for a Part or Part Attributes'. Below the table is a 'Save' button and a link 'View Alternate Part Nos'. The footer shows 'Logistics Common Master -> Manage Logistics Quick Codes' and a system clock '59 Minute(s) 3:14 PM'.

#	Quick Code	Part #	Part Description	Include Alternates?	Part Group	Part Category	Part Type	Part Classification	Quick Code Desc.	Ref. Doc. Sub Type	Created by
1	Q4	GITEST001	GITEST001	<input checked="" type="checkbox"/>				NDT		Regular Purchase	DMUSER
2	Q5	GITEST001	GITEST001	<input checked="" type="checkbox"/>				NDT at Sr/Lot Level		Regular Purchase	DMUSER
3	Q9	GITEST001	GITEST001	<input checked="" type="checkbox"/>				NDT		Repair Receipt	DMUSER
4	Q10	GITEST001	GITEST001	<input checked="" type="checkbox"/>				NDT at Sr/Lot Level		Repair Receipt	DMUSER
5	Q14	GITEST001	GITEST001	<input checked="" type="checkbox"/>				NDT		Customer Goods Receipt	DMUSER
6	Q115	GITEST001	GITEST001	<input checked="" type="checkbox"/>				NDT at Sr/Lot Level		Customer Goods Receipt	DMUSER
7	Q19	GITEST001	GITEST001	<input checked="" type="checkbox"/>				Tampered?		Regular Purchase, Customer Goods Recei	DMUSER
8	Q19	GITEST003	GITEST003	<input checked="" type="checkbox"/>				Tampered?		Regular Purchase, Customer Goods Recei	DMUSER
9	Q20	GITEST001	GITEST001	<input checked="" type="checkbox"/>				Intact?		Regular Purchase, Customer Goods Recei	DMUSER
10	Q20	GITEST003	GITEST003	<input checked="" type="checkbox"/>				Intact?		Regular Purchase, Customer Goods Recei	DMUSER

## WHAT'S NEW IN TAX CHARGES AND DISCOUNTS?

### Ability to define the Taxes for the Tax Rule combination

*Reference: AHBf-7509*

#### Background

Malaysian Government GST will be levied based on the Nature of Supplier, Nature of Goods / Services Procured, Purpose of Procurement and the Place where it consumed. However, the existing Tax can be defined for the supplier or the Part – Supplier combination.

The Business Requirement is to define the Tax for the Tax Rule combination (i.e. Nature of Supplier, Nature of Goods / Services procured, Purpose of Procurement and Warehouse Location)

#### Change Details

A new activity **Manage Purchase Tax Rule** is added under **Tax Charges and Discount** business component. In the new activity user will define the Tax Codes for the Tax Rule combinations for set of participating elements in the Purchase Order. That are,

- Part Group
- Supplier Group
- Warehouse Group
- Purpose
- Document
- Document sub type
- Service Category

**Exhibit-1:** Identifies the new activity Manage Purchase Tax Rule activity

The screenshot displays the 'Manage Purchase Tax Rules' application window. At the top, there is a search bar with a 'GO' button. Below the search bar is a table with the following columns: #, Part Group, Document Type, Document Sub Type, Service Category, Purpose, Supplier Group, Warehouse Group, Account Usage, Applied on?, Tax Code, Variant Code, and Effective From. The table contains one row with the number '1' in the first column. Below the table, there is a 'Save' button and two links: 'View Tax Code' and 'View Tax Attribute'.

## WHAT'S NEW IN SUPPLIER?

### Ability to Group the Supplier's based on Tax applicability

Reference: AHBf-7376

#### Background

Royal Malaysian Government will levy the taxes based on the Nature of the Supplier (i.e. GST Registered Supplier, Non-GST Registered.). Supplier who is registered with the Malaysian government will be levied 6% standard rated tax. Incase supplier, who is not registered with the royal Malaysian government, then he will be charges 0% zero rated tax.

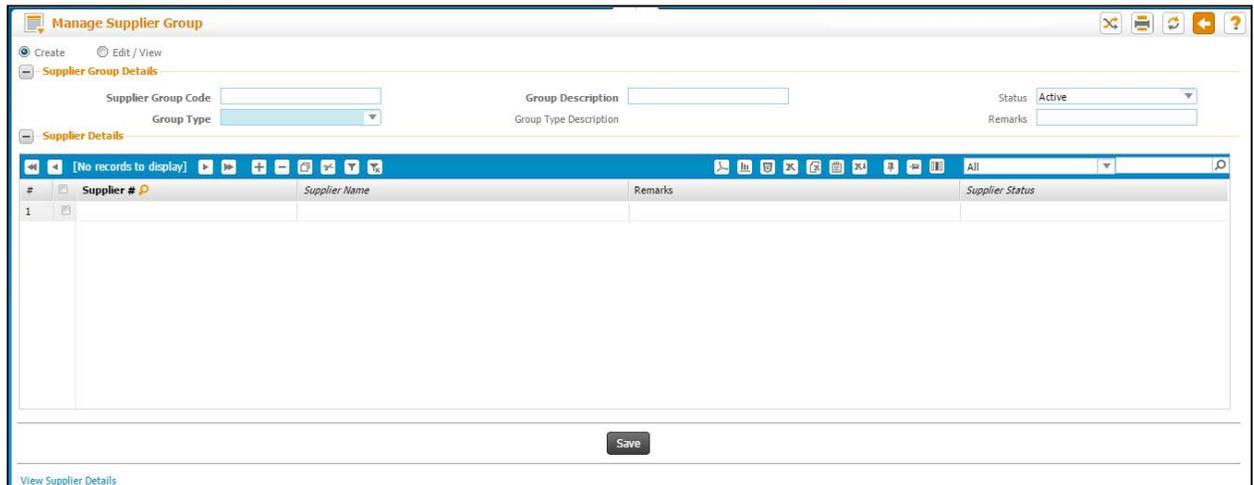
The Business Requirement is to group the supplier's based on the Tax applicability. It is a Pre-requisite to define the Tax Rule in Manage Purchase Tax Rule screen.

#### Change Details

A new activity **Manage Supplier Group** is added under **Supplier** business component to group the Supplier's based on Tax applicability. It is pre-requisite to define the Supplier Group to use the new activity **Manage Purchase Tax Rules**.

In the **Create Quick Code** and **Edit Quick Code** activities the value "Supplier Group Type" is loaded in the "Quick Code Type" drop down, facilitating definition of Supplier Group Type for Manage Supplier Group.

**Exhibit-1:** Identifies the new activity Manage Supplier Group activity.



## WHAT'S NEW IN PART GROUPS?

### Associate Parts to Part Groups based on the Tax Applicability

#### Background

One of the Participating Element in the Malaysian GST is Nature of Goods / Services that are procured. GST will be varied based on the Goods that are procured or the services that are rendered.

Business Requirement is to group the Parts or Services based on the Tax applicability. It is a Pre-requisite to define the Tax Rule in **Manage Purchase Tax Rule** screen.

#### Change Details

Validation is added to restrict to map same parts in the multiple controlled groups.

## WHAT'S NEW IN STORAGE ADMINISTRATION?

### Ability to Group the Warehouse based on the Geographic location

*Reference: AHBf-7509*

#### Background

Goods and Service Tax (GST) will be levied based on the Geographic location. Malaysian GST will not be applicable if it is geographically placed outside Malaysia.

The Business Requirement is to group the Warehouses based on the Geographic location. It is a Pre-requisite to define the Tax Rule in Manage Purchase Tax Rule screen.

#### Change Details

In the **Create Quick Code** and **Edit Quick Code** activities, the value "Warehouse Group" is loaded in the "Quick Code Type" drop down, facilitating definition of Warehouse Group for Manage Purchase Tax Rule.

New control "Warehouse Group" is added in the Warehouse Identification Details cluster in the **Create/Edit/View Warehouse Information** screens. All active Warehouse Groups that are defined in the **Create Quick Codes** screen will be loaded in the Warehouse Group column.

Exhibit-1: Identifies the changes in Create Warehouse Information activity.

The screenshot displays the 'Create Warehouse Information' form, which is organized into several sections:

- Warehouse Identification Details:** Includes fields for Warehouse #, Storage Location, Warehouse Group (highlighted with a red box and a callout box), Description, Warehouse Category, Warehouse Type (set to 'Normal'), and Finance Book.
- Address Details:** Includes fields for Address, City, State, Country, Warehouse Incharge, and Zip Code.
- Warehouse Settings:** Includes checkboxes for 'All Part Types Allowed', 'All Transactions Allowed', 'All Stock Status Allowed', 'Allow Backflushing', 'Allow Reservation / Hard Allocation', and 'Allow Offline Usage'.
- Warehouse Capacity Setting:** Includes fields for Capacity Constraint (set to 'Not Applicable'), Volume, Weight, Weight UOM, and Volume UOM.
- Other Details:** Includes fields for User Defined Detail - 1 and User Defined Detail - 2.
- Attachments:** Includes a File Name field and a 'View File' link.

At the bottom of the form, there are two buttons: 'Create Warehouse Information' and 'Create Zone Information'.

## WHAT'S NEW IN TAX INHERITANCE FRAME WORK?

### Malaysian GST and Tax Inheritance Frame work

*Reference: AHBf-7643, AHBf-7509, AHBf-7376*

#### **Background**

Goods and Service Tax (GST) is a value added tax levied on most goods and services sold for domestic consumption and it will be levied on multi-stage consumption on goods and services whereby each point of supply in a production chain is potentially taxable. The basic fundamental GST will be levied based on the Nature of Supplier, Nature of Goods / Services Procured, Purpose of Procurement and the Place where it consumed. However, the existing Tax Inheritance logic does not have the capability to inherit based on the above parameters; it will cater only if the Supplier TCD and Part TCD are mapped.

The Business requirement is that the Purchase Order should inherit the Taxes based on the Tax Rule combination for the Nature of Supplier, Nature of Goods / Services procured, Purpose of Procurement and Warehouse Location.

## WHAT'S NEW IN REQUEST FOR QUOTATION?

### Ability to upload documents and view them against RFQ and Quotation documents

*Reference: AHBf-6985*

#### Background

Currently in Ramco Aviation Solution, there is no provision to upload documents while performing the following transactions i.e., Request for Quotation and Quotation. The user needs to visit the **Object Attachment** business component to have the required documents uploaded for these transactions. To address the usability issue in the system it is required to have **Upload Documents** as links in the respective transaction screens.

With the introduction of this new feature, Ramco Aviation Solution enables the user to upload as well as view uploaded document while performing Request for Quotation and Quotation transactions.

#### Change Details

**Upload Documents** and **View Associated Document Attachments** have been provided as links in the following transactions to facilitate uploading or viewing attached documents with ease. Respective links can be launched to upload or view the files attached.

1. Create RFQ
2. PR Based RFQ
3. Edit RFQ
4. View RFQ
5. Create Quotation
6. Create Direct Quotation
7. Edit Quotation
8. Authorize Quotation
9. Amend Quotation
10. View Quotation

## Enhancement Notification

**Exhibit-1:** Identifies the changes in the Create RFQ screen

The screenshot displays the 'Create RFQ' interface. At the top, there are sections for 'RFQ Info', 'Default Entries', and 'Part Details'. The 'RFQ Info' section includes fields for RFQ #, RFQ Date (09/06/2015), RFQ Type (Competitive Bidding), Status, Reply Date, RFQ Category, Numbering Type (RFQ), RFQ Priority, and User Status. The 'Default Entries' section includes Buyer Group (AOG DESK), Description (Line Expeditors for AOG), Need Date, Quality Attribute (None), and Schedule Type (Single). The 'Part Details' section features a table with columns: #, Line #, Part #, Part Description, Part Type, Part Condition, Required Quantity, UOM, Schedule Type, and Need D. Below the table, there are several links: 'Edit Terms & Conditions', 'Edit Supplier Selection', 'Generate RFQ Report', 'Edit Schedule & Distribution', 'Edit User Defined Details', 'Edit Quality Attributes', and 'Edit RFQ'. At the bottom, two new links are highlighted with a red box: 'Upload Documents' and 'View Associated Doc. Attachments'. A yellow callout box points to these links with the text: 'Upload Documents and View Associated Doc. Attachments links added'.

#	Line #	Part #	Part Description	Part Type	Part Condition	Required Quantity	UOM	Schedule Type	Need D
1								Single	

## **Ability to Review Material Request during PR Creation/Modification**

*Reference: AHBf-6789*

### **Background**

Whenever buyer creates or modifies the Purchase Request document against an open demand document (MR), Buyer is required to validate the demand existence i.e. MR is still open. Currently there is no provision to review Material Request documents during Creation/Modification of a Purchase Request.

Business need is to review the MR document during Creation/Modification of a Purchase Request.

### **Change Details**

View Material Request has been provided as a link in the following transactions to facilitate verification of MR document during Creation/Modification of PR document.

1. Create Purchase Request
2. Edit Purchase Request.

## Enhancement Notification

**Exhibit-1:** Identifies the changes in the Create RFQ screen

The screenshot displays the 'Create Purchase Request' interface. At the top, there are various input fields for PR Date (06/24/2015), PR Type (Owned), PR Priority, Expense Type (Revenue), Part Type, Buyer Group (AOG DESK), PR Value (CAD), and Remarks. On the right side, there are dropdown menus for Status, PR Category, User Status, Expense to, Ordering Location (Aveos), and Destination (Aveos). Below these fields are sections for 'Default Entries' and 'Requirement Details'. A table with columns for #, Part #, Mfr. Part #, Mfr. #, Part Description, Condition, Requested Qty, Purchase UOM, Cost, Cost Per, Cost Basis, and Delivery Type is shown. The table currently has one row with the number '1'. At the bottom of the screen, there are several navigation links: 'Get Part Details', 'Help On Service', 'Create Purchase Request', 'Edit Schedule Information', 'Edit Purchase Request', 'Upload Documents', 'View Part Supply Chain Performance', 'View Material Request' (highlighted with a red box), 'Edit Property Attributes', 'Note Coverage', 'Edit User Defined Values', 'Authorize Purchase Request', and 'View Associated Doc. Attachments'. A yellow callout box with the text 'View Material Request link added' points to the 'View Material Request' link.

PR Date: 06/24/2015  
PR Type: Owned  
PR Priority:   
Expense Type: Revenue  
Part Type:   
Buyer Group: AOG DESK  
PR Value: CAD  
Remarks:   
Status:   
PR Category:   
User Status:   
Expense to:   
Ordering Location: Aveos  
Destination: Aveos

Default CAPEX Proposal #   
Default Need Date   
[No records to display]

#	Part #	Mfr. Part #	Mfr. #	Part Description	Condition	Requested Qty	Purchase UOM	Cost	Cost Per	Cost Basis	Delivery Type
1											Single

View Material Request link added

View Material Request

## WHAT'S NEW IN PURCHASE ORDER?

### Ability to authorize cost amendment in "Closed" PO

*Reference: AHBf-8638*

#### Background

As the case with any Operator/MRO, Purchase Order requires multiple levels of approval based on various Parameters. Currently in Ramco, Cost amendment of Closed PO is allowed for PO type 'Service', 'Adhoc', 'Exchange' and 'PBH- Exchange'. Whereas amending the closed Purchase Order will not be routed to authorizer, Authorizer does not have any clue on the cost/value that is modified. Hence, it is required to configure routing of Closed Purchase Order for authorization, once it is amended. Closed Purchase Order will be updated as Amended in the event a Closed PO is amended for Cost i.e. without adding new parts.

Business need is to facilitate routing of Closed PO for authorization once it is amended.

#### Change Details

A new set option 'Authorization of Cost amendment of "Closed" PO' is added in the **Purchase Option Settings** screen under **Logistics Common Master** business component. The option can be set as 'Yes' or 'No'.

If the option is set as

- **Yes:** The status of Closed PO will be updated as Amended in the event a Closed PO is amended for Cost i.e. without adding new parts. The PO will be routed for approval based on the workflow configured.
- **No:** Existing behavior would continue where the status of Closed PO will be remained as 'Closed'.

If the status of Closed PO is updated as Amended, then

- Visiting of links i.e. Edit Terms and Conditions will be restricted in **Amend PO** screen.
- If authorizer returns the closed PO document after amendment, it will not be allowed to be Short Closed. It needs to be amended and routed again for authorization.
- When PO document is approved by authorizer, then document status will be updated as 'Closed' i.e. without adding new parts.
- PO documents will not be retrieved in the **Help of Ref. Doc#** screen in the **Manage Goods Receipt** activity under the **Goods Inward** business component.

## Ability to Inherit Taxes in Purchase Order

*Reference: AHBf-7643*

### Background

The Business requirement is that the Purchase Order should inherit the Taxes based on the Tax Rule combination for the Nature of Supplier, Nature of Goods / Services procured, Purpose of Procurement and Warehouse Location.

### Change Details

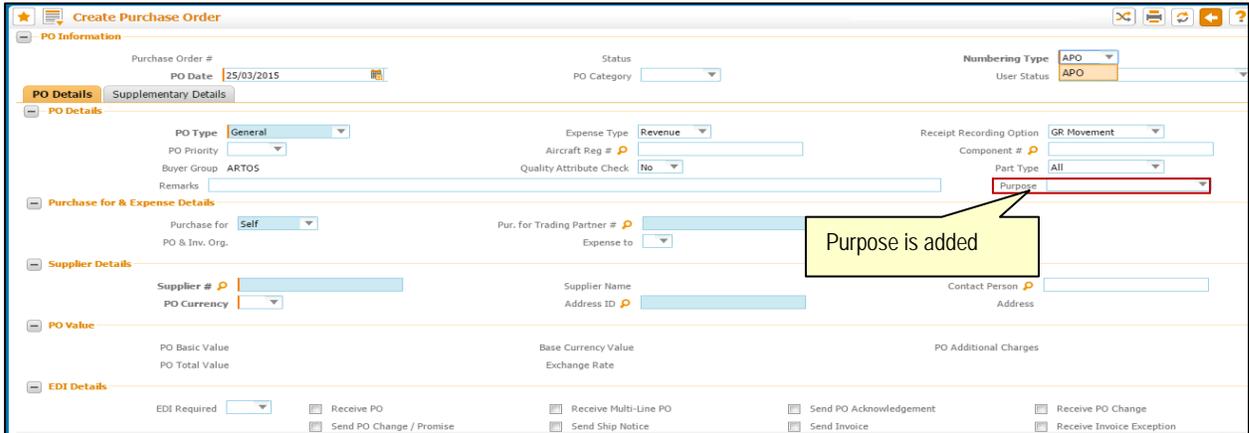
A new set option "Tax Inheritance Basis" has been introduced under the category 'Purchase Order' in **Purchase Option Settings** activity in Logistic Common Master business component. The option can be set as "Supplier – TCD mapping" or "Tax Rule".

If the option is defined as 'Supplier – TCD mapping', then existing logic would continue i.e., Tax will be inherited from the Supplier TCD mapping screen for the PO supplier. If the option is set as "Tax Rule", then during creation of Purchase Order, Taxes will be inherited from the Manage Purchase Tax Rule screen in the Tax Charges & Discounts business component.

A new control "Purpose" is added in PO Details section under following screens to specify the purpose of the procurement.

- Create Purchase Order
- PR based PO
- Edit Purchase Order
- Amend Purchase Order
- View Purchase Order

**Exhibit-1:** Identifies the changes in Create Purchase Order activity



**Tax Inheritance logic in PO for GST**

In a PO document, Document Level & Part Level TCD will be inherited based on the matching elements (i.e. Part Group, Supplier Group, Warehouse Group, Service Category, Document Type and Document sub type) in the Tax Rule combination. Document Level or Part Level Tax will be inherited based on the following hierarchy.

1. Consider all the Tax Rule combination having applied on as “Document” for Document Level Tax or “Part” for Part Level Tax in Manage Purchase Tax Rule.
2. Consider all the Tax Rules which are effective on PO date.
3. Tax Code & corresponding Tax Variant defined for the Tax Rule should be Active and effective on the PO date.
4. Consider the Tax Rule with Tax Incidence as ‘On Invoice’ or ‘On Payment’, only when option ‘Allow "On Invoicing" and/or "On Payment" Tax Incidences in PO?’ is set as ‘Yes’. Otherwise it should consider the Tax Rule with Tax Incidence as ‘On Delivery’.
5. Consider the Tax Code for inheriting if an exact match of Tax Rule is available. Consider all the Tax Codes, if multiple exact match Tax Rules are available.
6. Consider the Tax Code with maximum element match incase exact match is not available.
7. Consider multiple Tax Rules combinations, if Tax Type of a Tax Code is different for the Tax Rule. If it is same then consider the Tax Rule based on the Order of Preference.

**Exhibit-2:** Illustration of Tax Inheritance in the Purchase Order

Part Group	Doc. Type	Doc. Sub-type	Purpose	Supplier Group	Warehouse Group	Applied on?	Tax Code	Tax Variant	Eff. From	Eff. To	Order of Pref.
PG1	PO	ALL	Domestic	SG1	WHG1	Doc	T1	V1	01/03/15		3
PG1				SG1		Doc	T2	V2	01/03/15		2

## Enhancement Notification

---

PG1	PO	ALL		SG1	WHG1	Doc	T3	V3	01/03/15		1
PG1	PO	ALL	Domestic	SG1		Doc	T4	V4	01/03/15		4
PG1	PO	ALL	Domestic	SG1	WHG1	Doc	T8	V8	01/03/15		8
PG1						Part	T5	V5	01/03/15		5
PG2						Part	T6	V6	01/03/15		6

A PO is created with the following attributes.

PO	Supplier	Purpose	Part #	Warehouse	Part Cost
PO1	S1 (SG1)	Domestic	P1 (PG1)	WH1 (WHG1)	100

The parameters are determined from PO and exact match is identified. In this case there are two exact matches i.e., T1 - V1 and T8 - V8. So both the tax codes will be inherited into Document TCD. Similarly at Part level TCD, T5-V5 will be inherited.

**Note:**

In case if T1 - V1 and T8 - V8 are not available, then it should check if there are any 5 parameter match i.e., T3 - V3 and T4 - V4 are matching. Out of this it should consider inheriting both if Tax Type of both the Tax Rules are different i.e., T3 - V3 & T4 - V4. If Tax Type is same, then T3 - V3 alone will be inherited based on order of preference.

**Other Changes in Purchase Order:**

A new set option 'Default "Purpose" for Auto PO generated during Claim' has been introduced under the category 'Warranty' in **Purchase Option Settings** activity in Logistic Common Master business component. The option can be set as "Not Applicable" or a valid 'Purpose' can be defined.

A new set option 'Default "Purpose" for Auto PO generated during Stock Replenishment' has been introduced under the category 'Replenishment' in **Set Inventory Process Parameters** activity in Logistic Common Master business component. The option can be set as "Not Applicable" or define a valid 'Purpose' defined for PO in Manage Logistics Quick Code activity".

In both cases, if the option is defined as 'Not Applicable', then Purpose will not be defaulted with the value provided during creation of Auto Purchase Order. If the option is defined with valid purpose, then Purchase Order will be created with the Purpose defined.

A new set option 'Allow "On Invoicing" and/or "On Payment" Tax Incidences in PO?' has been introduced under the category 'Purchase Order' in **Purchase Option Settings** activity in Logistics Common Master Business Component. The option can be set as "Yes" or "No". If the option is set as 'Yes', then allow mapping of Taxes with the Tax incidence 'On Invoice' or 'On Payment' for the supplier in Supplier-TCD mapping. Otherwise it should allow only Taxes with Tax incidence 'On Delivery' in the Supplier-TCD mapping.

## WHAT'S NEW IN REPAIR ORDER?

### Ability to authorize cost amendment in "Closed" RO

*Reference: AHBf-10004*

#### Background

As the case with any Operator, Repair Order requires multiple levels of approval based on various parameters. When it comes to modification of Cost (i.e. Repair Cost, Exchange Fee, BER cost) for the Closed RO, RO document will not be routed to the authorizer for the modified value. Authorizer will not know of the modified value. Hence, it is required to configure routing of Closed Repair Order for authorization, once it is amended.

Business need is to facilitate routing of Closed RO for authorization once it is amended.

#### Change Details

A new set option 'Authorization of Cost amendment of "Closed" RO' is added in **Purchase Option Setting** screen under **Logistics Common Master** business component. The option can be set as 'Yes' or 'No'.

If the option is set as

- **Yes:** The status of Closed RO will be updated as Amended in the event a Closed RO is amended for Cost. The RO will be routed for approval based on the workflow configured.
- **No:** Existing behavior would continue where the status of Closed RO will be remained as 'Closed'.

If the status of Closed RO is updated as Amended, then

- Recording discrepancies are not allowed.
- Visiting different screen i.e. **Record Acknowledgement** and **Edit Repair Order** will be restricted.
- Visiting of different links i.e. 'Amend Terms and Conditions' and 'Amend Discrepancy' will be restricted in 'Amend Quote' screen. Similarly different links i.e. **Edit Terms and Conditions** and **Edit Discrepancy** will be restricted in **Confirm RO** screen.
- When RO document is approved by authorizer, then document status will be updated as 'Closed' or 'BER- Closed' based on the earlier status. RO documents will not be retrieved in the Help of Ref. Doc# screen in the **Manage Goods Receipt** activity under the **Goods Inward** business component.

## Ability to Inherit Taxes in Repair Order

*Reference: AHBf-8907*

### Background

Goods and Service Tax (GST) is a value added tax levied on most goods and services sold for domestic consumption and it will be levied on multi-stage consumption on goods and services whereby each point of supply in a production chain is potentially taxable. Repair Order is one such transaction on which GST will be applied. GST will be levied based on several attributes. However, the existing Tax Inheritance logic does not have the capability to inherit based on multiple parameters; it will cater only if the Supplier TCD is mapped. The Business requirement is that the Repair Order should inherit the Taxes based on the Tax Rule combination for the Nature of Supplier, Nature of Services procured and Warehouse Location.

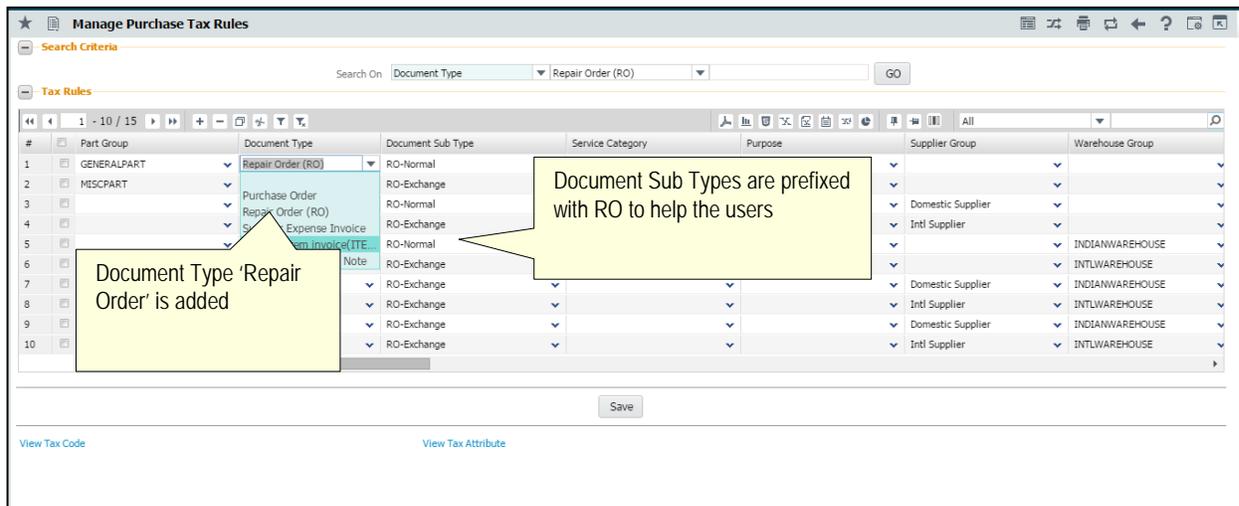
With the introduction of this new feature, Ramco Aviation Solution will inherit the tax rules automatically from the purchase tax rules defined for Repair Order.

### Change Details

**Purchase Tax Rules** screen is enhanced to define Tax rules for Repair Order. Since tax rules can be defined for Purchase Order, Repair Order, Supplier Expense Invoice, Supplier Item Invoice and Supplier Item Based Note, Document Sub Types will be prefixed with the abbreviation for the document types. For Example, the Document Sub Types applicable for Repair Order will be displayed as RO-Normal and RO-Exchange.

A new set option "Tax Inheritance Basis" has been introduced under the category 'Repair Order' in **Purchase Option Settings** activity in **Logistic Common Master** business component. The option can be set as "Supplier TCD mapping" or "Tax Rules". If the option is defined as 'Supplier – TCD mapping', then existing logic would continue i.e., Tax will be inherited from the **Supplier TCD Mapping** screen for the Repair Shop. If the option is set as "Tax Rule", then during creation of Repair Order, Taxes will be inherited from the **Manage Purchase Tax Rule** screen in the **Tax Charges & Discounts** business component.

**Exhibit-1:** Identifies the changes in **Manage Purchase Tax Rules** activity



### Tax Inheritance logic in RO for GST

In Repair Order, Document Level TCD will be inherited based on the matching elements (i.e. Part Group, Supplier Group, Warehouse Group, Document Type and Document sub type) in the Tax Rule combination. Document Level Tax will be inherited based on the following hierarchy:

1. Consider all the Tax Rule combinations having Document Type as “Repair Order” or is not specified in **Manage Purchase Tax Rule**.
2. Consider all the Tax Rules which are effective on RO date.
3. Tax Code & corresponding Tax Variant defined for the Tax Rule should be Active and effective on the RO date.
4. Consider the Tax Rule with Tax Incidence as ‘On Invoice’ or ‘On Payment’, only when option ‘Allow "On Invoicing" and/or "On Payment" Tax Incidences in RO?’ is set as ‘Yes’. Otherwise it should consider the Tax Rule with Tax Incidence as ‘On Delivery’.
5. Consider the Tax Code for inheriting if an exact match of Tax Rule is available. Consider all the Tax Codes, if multiple exact match Tax Rules are available.
6. Consider the Tax Code with maximum element match incase exact match is not available.
7. Consider multiple Tax Rules combinations, if Tax Type of a Tax Code is different for the Tax Rule. If it is same then consider the Tax Rule based on the Order of Preference.

**Exhibit-2:** Illustration of Tax Inheritance in the Repair Order

Part Group	Doc. Type	Doc. Sub Type	Supplier Group	Warehouse Group	Applied on?	Tax Code	Tax Variant	Eff. From	Eff. to	Order of Pref.
PG1	RO	RO-Normal	SG1	WHG1	Doc	T1	V1	01/06/15		3
	RO	RO-Normal	SG1		Doc	T2	V2	01/06/15		2
PG1	RO	RO-Exchange	SG1	WHG1	Doc	T3	V3	01/06/15		1
	RO	RO-Exchange	SG1		Doc	T4	V4	01/06/15		4

A Repair Order is created with the following attributes.

RO	Ro Type	Supplier	Part #	To Warehouse	Repair Cost
RO1	Normal	S1 (SG1)	P1 (PG1)	WH1 (WHG1)	100

The parameters are determined from RO and exact match is identified. In this case there is an exact match i.e., T1 - V1. So tax code T1 - V1 will be inherited into Document TCD.

*Note: In case if 'T1-V1' was not available, then it should check if there are any 4 parameter match. Since 4-parameter match is not available, it should check for 3-parameter match. 'T2- V2' is matching and it will be derived.*

**Other Changes in Repair Order**

A new set option “Allow ‘On Invoicing’ and/or ‘On Payment’ Tax Incidences in Repair Order?” has been introduced under the category ‘Repair Order’ in **Purchase Option Settings** activity in **Logistic Common Master** business component. The option can be set as “Yes” or “No”. If the option is defined as ‘Yes’ or not defined, then existing logic would continue i.e., TCD codes of Incidence “On Invoicing” and “On Payment” will be inherited. If the option is set as “No”, then TCDs with Incidence “On Delivery” can alone be used.

Order Based Invoice has been enhanced to handle the accounting for TCDs with tax incidence ‘On Invoicing’/ ‘On Payment’ inherited from the Repair Order. Account Postings for Tax with incidence ‘On Invoicing’ / ‘On Payment’ happens only at the time of Invoice and not at the time of Goods Inward (Repair Receipt) or Repair Order Amendment.

**Accounting Entry:**

Tax Nature	Repair Receipt/ RO Amendment Posting	Invoice Posting
Payable	No Postings for the TCDs in RR/ RO Amendment	TCD A/c Dr. xxx Supplier Control A/c Cr. Xxx

## Ability to return a Repair Order during authorization

*Reference: AHBf-4053*

### Background

When the Repair Order needs to be modified before authorization, it needs to be returned back so that the details can be modified before getting authorized. Currently, the authorizer needs to manually inform the user and the user needs to edit the Repair Order and send it for Authorization as there is no traceability in the system to return a Repair Order.

Business needs is to provide an ability to return a Repair Order during Authorization.

### Change Details

A new Task "Return" has been added in **Authorize Repair Order** screen. The Authorizer will review the details in the Repair Order and can return or authorize a Repair Order. If the Repair Order needs to be returned, the Reason for Return will be mandated and the authorizer can provide the reason for returning. On returning a Repair Order, the Status will be updated as Returned and the user can modify the RO in **Edit Repair Order** screen.

# Enhancement Notification

Exhibit-1: Identifies the changes in **Authorize Repair Order** screen

The screenshot shows the 'Select Repair Order' interface. At the top, there are navigation tabs for 'Primary Search Criteria' and 'Advanced Search Criteria'. Below these are various search fields including Repair Order #, Repair Shop #, Buyer Group, Part # / Mfr. Part #, Ref. Document Type, Shop Job Type, RO Date From, RO Category, Serial #, Ref. Document #, Status, RO Date To, Customer #, Lot #, and Customer Authorization Status. A 'Search' button is located below the search fields.

The 'Search Results' section displays a table with the following columns: #, Repair Order #, Repair Shop #, Repair Shop, Part #, Total Repair Cost, Reason for Return, Mfr. Part #, and Part Descr. The table contains 10 rows of data, with the last row (row 33) highlighted. A callout points to the 'Reason for Return' column in the highlighted row, stating: 'Provision to specify Reason for Return'.

Below the table, there are buttons for 'Authorize RO' and 'Return RO'. A callout points to the 'Return RO' button, stating: 'Return RO – Returns the Repair Order for modification'.

#	Repair Order #	Repair Shop #	Repair Shop	Part #	Total Repair Cost	Reason for Return	Mfr. Part #	Part Descr.
24	AFRO-002368-2012	00060	HARCO LABORATORIES INC.	10-60556-30	1500.00		10-60556-30	AUXILIARY HY
25	AFRO-002376-2013	00060	HARCO LABORATORIES INC.	10-60556-30	1500.00		10-60556-30	AUXILIARY HY
26	AFRO-002386-2013	00060	HARCO LABORATORIES INC.	10-60556-30	1500.00		10-60556-30	AUXILIARY HY
27	AFRO-002394-2013	00060	HARCO LABORATORIES INC.	10-60556-30	1500.00		10-60556-30	AUXILIARY HY
28	AFRO-002409-2013	00060	HARCO LABORATORIES INC.	10-60556-30	1500.00		10-60556-30	AUXILIARY HY
29	AFRO-002443-2013	00060	HARCO LABORATORIES INC.	10-60556-30	1500.00		10-60556-30	AUXILIARY HY
30	AFRO-002468-2013	00060	HARCO LABORATORIES INC.	10-60556-30	1500.00		10-60556-30	AUXILIARY HY
31	AFRO-002617-2013	00060	HARCO LABORATORIES INC.	10-60556-30	1500.00		10-60556-30	AUXILIARY HY
32	AFRO-002766-2014	00060	HARCO LABORATORIES INC.	R-26	0.00			R-26
33	REP-000027-2014	00194	WALSCO ELECTRONICS CORP	C 2	0.00			C 2

Exhibit-2: Identifies the changes in **Edit Repair Order** screen

The screenshot shows the 'Edit Repair Order' screen with search criteria and a status dropdown menu. A callout bubble points to the 'Status' dropdown, indicating that 'Status Returned' is added.

**Search Results Table:**

#	Repair Order #	Repair Shop #	Part #	Mfr. Part #	Serial #	Part Type	ATA #	Component #	Reason	User Status	Facility Object #
1											

Exhibit-3: Identifies the changes in **Edit, Amend and View Repair Order** screen

The screenshot shows the 'Amend Repair Order' screen with search criteria and a search results table. A callout bubble points to the 'Returned by' and 'Reason for Return' columns in the table, indicating they are added.

**Search Results Table:**

#	Repair Order #	Repair Shop #	Part #	tr Group	Status	Returned by	Reason for Return	Repair Order Date
1	REP-000227-2015	00198	PDC-04		Closed			03/06/2015
2	REP-000229-2015	00198	8D1415:090		Closed			
3	REP-000234-2015	00198	C 1		Amended			
4	REP-000235-2015	00000	C 1		Confirmed			
5	REP-000236-2015	00198	C 1		Confirmed			
6	REP-000238-2015	00198	J-3609		Closed			
7	REP-000240-2015	00198	C 1		Amended			06/06/2015

## Ability to display TSN, TSO and CR information for each component in Create Component RO entry screen

*Reference: AHBf-4457*

### Background

In the conventional way, Repair Administrator (Repair Buyer) would monitor current Parameter values (i.e. TSN, TSO and CR information) and then manually add the work scope details based on the Parameter values to create the Component Repair Order. Currently there is no provision to display the Parameter values while creation of Repair Order. System should give a provision to display the TSN, TSO and CR information while creation of Component Repair Order.

Business need is to facilitate display of current Parameter values while creation of Component Repair Order.

### Change Details

The **Select Component** screen in the **Create Repair Order** activity under the **Repair Order** business component has been enhanced as follows:

- New columns 'Component Replacement #' and 'Reason for Removal' are added.
- Link 'View Parameter Details' is added.

'View Parameter Details' link will display the Parameter details of a Component Part.

A new column 'Condition' is added in the **Select Piece Parts / Facility Objects** screen in **Create Repair Order** activity under the **Repair Order** business component.

Exhibit-1: Identifies the changes in the **Select Component** screen

The screenshot shows the 'Select Component' interface. It includes sections for 'Direct Entry' and 'Search Criteria' with various input fields. The 'Search Results' section shows a table with columns: #, Part #, Mfr. Part #, Serial #, Component #, Condition, Stock Status, Customer #, ATA #, Component Replacement #, and Reason for Removal. The table currently displays 'Found no rows to display!!'. A 'View Parameter Information' link is located at the bottom left. Two callout boxes provide details: one points to the 'View Parameter Information' link, stating 'View Parameter Information link is added', and another points to the 'Component Replacement #' and 'Reason for Removal' columns in the table header, stating 'Component Replacement # and Reason for Removal fields added'.

**Direct Entry**

Part #   
Component #  [Create RO](#) Serial #

**Search Criteria**

Part # / Mfr. Part #   
Component #   
Customer #   
Removed From Aircraft Regn #   
Removal From Date    
Location

Serial #   
ATA #   
Warehouse #   
Removed at Station   
Removal To Date    
Buyer Group

**Search Results**

[No records to display]

#	Part #	Mfr. Part #	Serial #	Component #	Condition	Stock Status	Customer #	ATA #	Component Replacement #	Reason for Removal
Found no rows to display!!										

[View Parameter Information](#)

'View Parameter Information' link is added

'Component Replacement #' and 'Reason for Removal' fields added

## Enhancement Notification

### Exhibit-2: Identifies the changes in the **Select Piece Parts / Facility Objects** screen

The screenshot displays the 'Select Piece Parts / Facility Objects' interface. It features a search criteria section with input fields for Part # / Mfr. Part #, Facility Object #, Lot #, ATA #, Facility #, Customer #, Serial #, Location (set to 'Aveos'), Warehouse #, Part Type, Facility Type, and Buyer Group. A 'Search' button is located below these fields. The search results section shows a table with the following columns: #, Part #, Mfr. Part #, Part Type, Serial #, Lot #, Condition, Stock Status, Facility Object #, Facility Type, Customer #, and ATA #. The 'Condition' column is highlighted with a red box, and a callout box points to it with the text 'Condition control is added'. The table currently displays the message 'Found no rows to display!!'. A 'Create RO' link is visible at the bottom left of the interface.

#	Part #	Mfr. Part #	Part Type	Serial #	Lot #	Condition	Stock Status	Facility Object #	Facility Type	Customer #	ATA #
Found no rows to display!!											

## WHAT'S NEW IN GOODS INWARD?

### Ability to record verification of the check list in Receiving Inspection

*Reference: AHBf-9739*

#### **Background**

When a part is received through Goods Inward, the inspector will inspect the parts with the help of a Check List. Inspection Check List depends on the part being received.

Business needs is to display the Part Specific Inspection Check List when the specific part is being inspected.

#### **Change Details**

A new column "Serial / Lot #" is added in the Inspection Check List multiline. Also Display option will be loaded with Serial / Lot level. When display option is selected as "Serial / Lot level", then all the inspection check list defined at Serial / Lot level needs to be displayed.

When a Part is received, it will fetch the Inspection Check List defined at Document level and All Part level in addition to the Check List defined for the Part getting received. When a part is received, the system will identify the check list associated to the part defined directly or as an alternate or as a combination of Part Attributes. If the Inspection Check List is defined at Serial / Lot level, then the inspection check list will be displayed for each Serial or Lot received for that Part.

## Enhancement Notification

### Exhibit-1: Identifies the changes in **Inspect Parts** screen

**Inspect Parts**

**Receipt Details**

**Receipt Info.**

Receipt # ROR-000142-2015  
Receipt Date 29/05/2015  
Receipt Priority  
Receipt Type Repair Receipt  
Way Bill # 3526  
Pack Slip #  
Receipt Status Completed  
Way Bill Date 29/05/2015  
Pack Slip Date

**Received At**

Receiving Location MEM  
Receiving Warehouse # 0123  
Receiving Area R1

**Received From**

Supplier # 00198  
Customer #  
Supplier / Customer Name PRATT & WHITNEY CANADA

**Ref. Doc. Info.**

Ref. Doc. # REP-000221-2015  
Ref. Doc. Type Repair Order  
Ref. Doc. Sub Type Normal

**Inspection Info**

Supplementary Info? Not Applicable  
Inspection Check List? Verified  
Parts Quarantined? No

**Additional Details**

Part Details | Supplementary Info | **Inspection Check List** | Movement Details | Reports

Display Option All

#	Received Part #	Serial/Lot#	Check List / Att.Code	Description	Mandatory?	Verified?	Comments	Part Description
1	GITEST002	asd-01	Q10	NDT at Srl/Lot Level	YES	<input checked="" type="checkbox"/>		GITEST002
2	GITEST002	asd-02	Q10	NDT at Srl/Lot Level	YES	<input checked="" type="checkbox"/>		GITEST002
3	GITEST002			Inspected?	NO	<input checked="" type="checkbox"/>		GITEST002
4	GITEST002	asd-01		Visual Inspection	YES	<input checked="" type="checkbox"/>		GITEST002
5	GITEST002	asd-02		Visual Inspection	YES	<input checked="" type="checkbox"/>		GITEST002

Save

Goods Inward -> Inspect Parts | 59 Minute(s) | 12:47 PM

## WHAT'S NEW IN STOCK DEMAND MANAGEMENT?

### Ability to display Part Category and Sourcing Options for a Part in Plan Material screen to facilitate material planning

*Reference: AHBf-7990*

#### Background

During Aircraft / Component maintenance one or several Material Requests will be raised to communicate the need for parts to perform the maintenance activities. Material Planner will consolidate all the requirements and take action based on the Sourcing Option and Part Category for a Part. Currently there is no provision to display Part Source & Part Category information. The user needs to visit the **Maintain Part Planning Information** activity under **Part Administration** Business component to view sourcing options available for a part. To address the usability issue in the system it is required to display 'Part Source' and 'Part Category' information in the **Plan Material** screens

Business need is to facilitate Material Planner to search MR documents based on Sourcing Option, Part Category and the Storage Location.

#### Change Details

**Plan Material** activity in the **Stock Demand Management** business component has been enhanced as follows:

- In the Search Criteria section
  - New drop down values 'Part Source' and 'Storage Location' are added in Additional Search on drop down.
  - Part Source dropdown in the Additional Search on will be loaded with values; Purchase, SubContracted, From Pool, On Loan and On Exchange.
  - Storage Location in the Additional Search on will be loaded with all "Active" Storage Locations defined in defined in **Maintain Storage Location** activity.
- In the Search Results multiline
  - New columns 'Part Category' and 'Part Source' are added.
  - New links 'Create Loan Order', "Plan Order' and 'Route Unserviceable Components/Parts' are added.
- Search Logic based on different fields

- Search based on Part Source will retrieve MR corresponding to the Part Source provided.
- Search based on Storage Location will retrieve MR corresponding to the Storage Location provided.
- In the Search Results, the 'Part Source;' will display the concatenation of the 'Part Source available for the Part in the Maintain Part planning Information activity under Part Administration business component. If multiple source details are available for part, then Part Source column will be displayed by concatenating individual strings as "Pur | Pool | SubCon | Loan | Exch".
- Part Source for the Material Request will displayed as per following string

<b>Source</b>	<b>String</b>
Purchase	Pur
SubContracted	SubCon
Pool	Pool
Loan	Loan
Exchange	Exch

Following option settings have been added under the Category "Stock Demand Management" in the **Set Inventory Process Parameters** screen.

- Default Need Date: From
  - User should provide the no. of days to be considered prior to the current date. For example: If user enters a value 10, then Default need Date: From in the Plan Material screen will display the date 10 days prior to the current date.
- Default Need Date: To
  - User should provide the no. of days to be considered later than the current date. For example: If user enters a value 10, then Default need Date: To in the Plan Material screen will display the date 10 days later than the current date.

Option setting "Material Planning Horizon" under the Category "Stock Demand Management" in **Set Inventory Process Parameters** is removed as the functionality is achieved with the above added options.

Exhibit-1: Identifies the changes in the Plan Material screen

The screenshot shows the 'Plan Material' interface. At the top, there are search filters for Warehouse # / Part #, Search On, Reference Document, Processing Status, Need Date (From/To), MR Attributes, Additional Search On, and Display Option. A 'Get Details' button is located below these filters.

The main area is a 'Request Matrix' table. The table header includes columns for #, Material Request #, Need Date, Part #, Part Description, Part Category, Part Source, Customer #, Customer Name, Scrap Qty, Pend. Repl., and Adjust PR against Sc. The 'Part Category' and 'Part Source' columns are highlighted with a red box. A callout box points to these columns with the text: 'Part Source & Part Category columns are added'.

Below the table, there are several action buttons: 'Create Stock Transfer', 'Create Issue', 'Create Purchase Request', and 'Update'. A red box highlights a row of links: 'Create PR based PO', 'Create Loan Order', 'Plan Work Order', 'Route Unserviceable Components / Parts', 'Inquire Material Count and Location Information', and 'Check Part Availability'. A callout box points to the 'Create Loan Order' link with the text: 'Plan Work Order, Route Unserviceable Components / Parts are Create Loan Order links are'.

## WHAT'S NEW IN STOCK RETURN?

### Ability to modify a SWO based Maintenance Return document to add additional parts.

*Reference: AHBf-10071*

#### Background

Currently in Ramco Aviation Solution, there is no provision in Edit Return to add additional parts for a Stock Return created with Reference to a Shop Work Order. The user needs to visit **Record Part Consumption and Return** screen to return parts. Also there is no provision to return the parts which are found in the shop without any reference document.

With the introduction of this new feature, Ramco Aviation Solution enables the user to add and return additional parts in **Shop Work Order** using **Edit Return** screen.

#### Change Details

When a part is added in a shop work order based return using the **Edit Return** screen, then the system would mandate the user to select the Accounting Usage / Costing Usage or the Task # / Task Seq #. Once the part is added to the return, then on Confirmation of Return, the parts will be returned to warehouse. The Return cost would be accounted against the Task # or Accounting Usage provided.

A new set option "Allow addition of parts in Shop Work Order based Return document?" has been introduced under the category 'Stock Return' in **Set Inventory Process Parameters** activity in **Logistics Common Master** business component. The option can be set as "Yes" or "No". If the option is defined as 'No' or if it is not defined, then existing logic would continue i.e., additional parts cannot be added to SWO based Return. If the option is set as "Yes", then additional parts can be returned in SWO based Return from the **Edit Return** screen.

## WHAT'S NEW IN KIT MANAGEMENT?

### **Ability to manage costing and accounting of Kits during Re-Build / Partial Break**

*Reference: AHBF-8257*

#### **Background**

Currently, when a kit is rebuilt by issuing constituent parts, the kit is not revalued appropriately in inventory. This results in incorrect inventory balances. Similarly, when a kit is partially broken (i.e. one or few constituents are removed from the kit, in scenarios like AOG or work stoppage, the kit needs to be revalued in inventory to adjust for the constituents that were moved out of the Kit. Hence it is required to revalue the Kit cost during Re-Build or Partial Break.

Business need is to manage costing and accounting of Kits during Re-Build or Partial Break.

#### **Change Details**

In order to ensure the kit part is appropriately valued during re-build or partial break, an automatic stock value correction document will be generated for the kit part. The stock correction will be uniquely identified with a new Correction Basis "Kit" and the document will be automatically authorized.

When a Kit Part is Re-Build by adding constituents to it, then a Positive Value Correction will be created to increase the Kit Cost, where as in a Partial Break, when one or few constituents are removed from the Kit, then a Negative Value Correction will be created to reduce the Kit Cost. In both the cases the correction value will correspond to the value of constituents added to or removed from the Kit. Whenever a Kit is fully broken, then Correction document will not be generated.

### **Accounting Impact of Kit Transactions**

A New predefined usage 'Kit Suspense' is added and account code pertaining to the Account group 'Asset' and Account Classification – Balance Sheet with Layout Heading – Inventories are defined in **Additional Account Rule Definition** for the usage id 'Kit Suspense'.

**Accounting Entries**

Transaction	Accounting Entry
Kit Issue	Kit Suspense A/c      Dr Inventory A/c              Cr
Kit Return	Inventory A/c              Dr Kit Suspense A/c          Cr
Build Kit	Kit Suspense A/c          Dr Inventory A/c              Cr  Inventory A/c              Dr Kit Suspense A/c          Cr
Break Kit	Kit Suspense A/c          Dr Inventory (Kit) A/c        Cr  Inventory (Part 1, Part 2, Part 3) A/c      Dr Kit Suspense A/c          Cr

## WHAT'S NEW IN MMD REPORT?

### Review and rationalization of different formats of MMD reports and consolidate into one report for scalability and ease of maintenance

*Reference: AHBF-3740, AHBF-9757, AHBF-10766*

#### Background

Currently in Ramco Aviation Solution, there are different layout structure for each MMD Report (i.e. MMD Report layout for Issue, Return & Receipt documents are different). And also, there is no provision to display 'Facility Object #', 'Ship By' and 'Shipping Instructions' in the MMD Report. Whenever Shipping clerk is shipping the Hazmat (Hazardous) parts, then display of 'Ship By' and 'Shipping Instructions' in MMD Report will help shipping clerk to take precautionary measure while handling them. Hence it is required to display the 'Ship By', 'Shipping Instructions' and 'Facility Object' in the MMD Report.

Business need is to maintain a single Report layout structure for Issue, Receipt & Return MMDs along with the display of 'Facility Object #', 'Ship By' and 'Shipping Instructions' in the MMD Report at the Part level.

#### Change Details

In order to rationalize different formats of MMD reports and consolidate them into one report, following columns are added / modified in the MMD report and the existing controls are re-aligned.

#### Significance of columns that are changed

- **Document Information Section**
  - **MMD Type:** MMD Type will be renamed dynamically based on MMD Report, MMD Type will be renamed as '**Issue Type**' for Issue MMD, '**Receipt Type**' for a Receipt MMD and '**Return Type**' for Return MMD.
  - **MMD #:** MMD will be renamed dynamically based on the MMD Report. '**Issue #**' for Issue MMD, '**Receipt #**' for Receipt MMD and '**Return #**' for Return MMD. This column will display the Document # for which MMD Report is printed.
- **Request Information Section**
  - **Ref. Document Type & Ref. Document #:**
    - This column will display the Reference Document from MR, for General or Maintenance or Stock Transfer Issue (with MR reference) based MMD.

- This column will display the Reference Document of the Issue or Receipt or Return document for other MMDs.
- **Material Request #:** Display the MR # and column should display the value only for MR based Issue MMDs.
- **Delivery To #:** Display the Deliver To as per the issue document and column should display value only for the Issue MMDs.
  
- **Item Detail Information Section**
  - **Rem. Available Qty:** Available Qty is modified as Rem. Available Qty. This column will display the Remaining Qty in the Warehouse # after the Issue for the Part in the Reference Document.
  - **Remarks:** This column will display dynamically only if Remarks are available in the Reference Document.
  - **Task #:** This column will display dynamically only if Task # is available in the Material Request.
  - **Ship by:** This column will display dynamically only if Ship by details are available in the Reference Document.
  - **Shipping Instructions:** This column will display dynamically only if Shipping Instructions details are available in the Reference Document.
  - **Facility Object #:** This column will display Facility Object # dynamically, only if Facility Object details are available in the Reference Document based on the option parameters added under the Category “MMD Report” in the Set Inventory Process Parameters screen.
    - Display Facility Object # in MMD Report
      - If the Option is set as ‘Yes’, then display the Facility Object # for which issue is made in the MMD Report at the Part Level.
      - If the Option is set as ‘No’, then Facility Object # will not be displayed in the MMD Report.

Enhancement Notification

Exhibit-1: Identifies the MMD Report Layout

		<b>MATERIAL MOVEMENT DOCUMENT</b>					
Smart Operation Barcode							
Doc Information		Request Information					
Issue Type	Maintenance Issue	A/C Reg. #		Component #	C002217-2015		
Issue #	MISSU-000006-2015	Ref. Document Type	Shop Work Order	Ref. Document #	CWO-008657-2015		
Date	06/10/2015	Need Date	06/10/2015	Work Center #	YUL-500-04		
Warehouse #	0123	Material Request #	SMR-007431-2015	Deliver To	00041383 - SENECHAL, DOMINIC		
MR Priority	Normal						
Event #	sw0	Customer #		Customer Name			
Requestor Remarks							
Delivery Instructions							
Transfer Information							
Stock Transfer		From Warehouse #	0123	To Warehouse #	0123		
Issued By		Date		Received by	Date		
Item Detail Information							
No	Part #	Serial #	Lot #	Stock Status	Condition	Expiry Date	
	Part Description		Zone #	Bin #	UOM		
	Requested Part #	Mfr. Serial #	Mfr. Lot #	Req. Qty	Issue Qty	Rem. Available Qty	
1	0-0440-4-0011:36361	MS-JS-1985		Accepted	New		
	APU			01	1	EA	
	0-0440-4-0011:36361	MS-JS-1985		1.00	1.00	5.00	
	Task #	SWO-Task	Seq #	0	Tracking #	69374	
	Zone / Bin # (Bar Code)	011					
***End Of Report***							

## Ability to print AME Seq # and Tracking Id in MMD report at the part level

*Reference: AHBF-3740*

### Background

Currently in Ramco Aviation Solution, we are displaying Task reference number in the MMD Report, which is not sufficient because in some cases, the same task can be repeated for the number of components installed in the Aircraft. Hence it is required to display the AME Seq # and Tracking Id to identify the Task incase if the same Task # is available more than once.

Business need is to display the AME Seq # & Tracking Id # of the task for which issue is made.

### Change Details

Following option settings have been added under the Category "MMD Report" in the **Set Inventory Process Parameters** screen.

- Display Seq # in MMD Report
  - If the Option is set as 'Yes', then display the Seq # of the task for which issue is made in the MMD Report
  - If the Option is set as 'No', then Seq # will not be displayed in the MMD Report.
  
- Display Tracking Id in MMD Report
  - If the Option is set as 'Yes', then display the Tracking Id of the task for which issue is made in the MMD Report
  - If the Option is set as 'No', then Tracking Id will not be displayed in the MMD Report.

## Ability to configure the MMD Printing Options

*Reference: AHBf-3740*

### Background

A new screen Configure Printer is developed to address the following business needs of Airline /MRO Organizations.

- To configure printer at Warehouse-Zone level.
- To configure printer at Transaction level.
- To configure different printers during different times of the day.
- To configure printer to print multiple copies to be printed.

### Change Details

A new activity **Configure Printer** is added under **Logistics Common Master** business component to facilitate printing of MMD Report in multiple locations based Warehouse-Zone combination and Transaction Type.

**Exhibit-2:** Identifies the new Configure Printer screen

The screenshot shows the 'Configure Printer' interface. It includes a search section with fields for Warehouse #, Zone #, and Transaction Type, and a 'Search' button. Below is a table with columns: #, Warehouse #, Zone #, Transaction Type, Work Center #, From Time, To Time, Printer, No. of Copies, Remarks, and Time Zone. The table contains 9 rows, with the first 8 rows having dropdown arrows in the Transaction Type column. A 'Save' button is located at the bottom of the screen.

**Configure Printer screen**

The Configure Printer screen has the following sections

- MMD Printer
  - Search Criteria
  - Configure Printer

**MMD Printer Tab**

This tab will help user to configure multiple printers to print MMD Report for different Warehouse, Warehouse # – Zone #, Transaction Types.

**Search Criteria Section**

Search Criteria section will retrieve the Printer information for the different Warehouse, Zone and Transaction Type combinations. The search can be made using the following attributes.

- Warehouse #
- Zone #
- Transaction Type

After entering the Warehouse when Search button is pressed, If specific Zone is chosen then Printer corresponding to the selected Warehouse – Zone combination will only be considered and displayed. Also it is possible to enter Specific Transaction Type to verify the Printer information for the combination of Warehouse # and Zone # and Transaction Type.

### Configure Printer Section

Multiple Printers can be configured for Warehouse #, Warehouse # - Zone # combination, Warehouse # - Transaction Type combination, Transaction Type, From Time & To Time.

### Significance of columns in multiline

- **Warehouse #:** Configure the different printers for the different Warehouse #.
- **Zone #:** Configure the different printers for the different Warehouse # - Zone # combination.
- **Transaction Type:** Configure the different printers for the different Warehouse # - Transaction Type combination or the Warehouse # - Zone # - Transaction Type combination.
- **From Time & To Time:** Configure different printer location for the different timing of the day. For example Day time printer is different from the night time printer.
- **No. of Copies:** Desired No. of Copies to be printed while printing of MMD report.
- **Time Zone:** Displays the Time Zone corresponding to the Station.
- **Station:** Displays the Station corresponding to the Storage location of the Warehouse.

In order to facilitate printing of MMD Reports for individual transactions (i.e. Issue, Return and Receipt) following options are provided.

- **Print MMD for General Issue?**
- **Print MMD for Maintenance Issue?**
- **Print MMD for Stock Transfer Issue?**
- **Print MMD for Repair Order Issue?**
- **Print MMD for Direct / Unplanned Issue?**
- **Print MMD for Pack Slip Issue?**
- **Print MMD for Exchange Issue?**
- **Print MMD for PBH Exchange Issue?**
- **Print MMD for Loan Order Issue?**
- **Print MMD for Rental Order Issue?**
- **Print MMD for Maintenance Return & Manual Return?**
- **Print MMD for General Return?**
- **Print MMD for Unplanned Return?**
- **Print MMD for Stock Transfer Receipt?**
- **Print MMD for Unplanned Receipt?**
- **Print MMD for Unsatisfied AOG MR?**

If the Option is set as

- 'Not Required', then MMD Report will not be printed.
- 'Required', then MMD Report will be printed based on the definition mentioned in the Configure Printer screen.

- 'Auto', then Auto MMD Report will be printed based on the definition mentioned in the Configure printer.
- 'Manual', then Manual MMD Report will be printed based on the definition mentioned in the Configure printer.
- 'Both Auto & Manual', then both Auto & Manual MMD Reports will be printed based on the definition in the Configure printer.

**Corporate Office and R&D Center**

Ramco Systems Limited,  
64, Sardar Patel Road, Taramani,  
Chennai – 600 113, India  
Office + 91 44 2235 4510 / 3090 4000  
Fax +91 44 2235 2884  
Website - [www.ramco.com](http://www.ramco.com)