

RAMCO AVIATION SOLUTION

ENHANCEMENT NOTIFICATION

Version 5.8.1

Materials

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WHAT'S NEW IN PART ADMINISTRATION?

Ability to attach documents justifying Alternate part definitions

Reference: AHBG-8904

Background

Alternate Parts or Interchangeable Parts definition is quite common in Aviation industry. There can also be Conditional Alternate Parts or Customer specific Alternate Parts defined for a given Part #.

Business need is to have a provision to attach the document referring which the Alternate part definition is made. In addition, a provision to upload the various documents related to a part is required.

Change Details

Maintain Alternate Part Nos screen:

- A new editable help enabled column 'File Name' is added in the **Direct Alternate Part Details** multiline and **Conditional Alternate Part Details** multiline
- A link 'View File' is provided below each multiline to view the file referenced in the multiline
- Two links 'Upload Documents' and 'View Associated Doc. Attachments' will be provided for Direct Alternates as well as Conditional Alternates to upload / view the documents against the Alternate Part defined.

View Alternate Part Nos screen:

- A new display only column 'File Name' is added in **Direct Alternate Part Details** and **Conditional Alternate Part Details** multiline, to view the file displayed.
- 'View Associated Doc. Attachments' link will be provided for Direct Alternates as well as Conditional Alternates to view the files uploaded for the parts in the multiline.

Other Part Administration screens:

The links "Upload Documents" and "View Associated Doc. Attachments" are added in the following screens to facilitate uploading of documents against a part.

- Create Parts Main Information
- Edit Main Information
- Maintain Maintenance Info for Part
- Maintain Planning Info
- Maintain Purchase Info
- Maintain Sales Info

The link "View Associated Doc. Attachments" is added in the following screens to facilitate view of the documents uploaded against a part.

- View Part Information
- View Maintenance Info for Part

- View Planning Info
- View Purchase Info
- View Sales Info

Exhibit 1: Identifies the controls added in **Maintain Alternate Part Nos** screen

The screenshot shows the 'Maintain Alternate Part Nos' screen. It features two main sections: 'Direct Alternate Part Details' and 'Conditional Alternate Part Details'. Both sections have a table with columns for #, Interchangeable Part #, Order of Preference, Remarks, Prime?, PMA?, and Part Type. A new 'File Name' column has been added to both tables, highlighted by a yellow box labeled 'New field added'. Below each table, there are new links: 'Upload Documents for Direct Alternates' and 'View Associated Doc. Attachments for Direct Alternates' for the Direct section, and 'Upload Documents for Conditional Alternates' and 'View Associated Doc. Attachments for Conditional Alternates' for the Conditional section. These links are highlighted by a yellow box labeled 'New links added'.

#	Interchangeable Part #	Order of Preference	Remarks	Prime?	PMA?	Part Type	File Name
1	0-0110-3-0655:36361	1		Yes	No	Consumable	alternatdefn.xlsx
2							

#	Alternate Part #	Order of Preference	Remarks	Prime?	PMA?	Part Type	File Name
1	:35895 TEST	1		Yes	No	Consumable	conaltdefn.xlsx
2							

Exhibit 2: Identifies the controls added in **View Alternate Part Nos** screen

The screenshot shows the 'View Alternate Part Nos' screen. It features two main sections: 'Direct Alternate Part Details' and 'Conditional Alternate Part Details'. Both sections have a table with columns for #, Interchangeable Part #, Order of Preference, Remarks, Prime?, PMA?, and Part Type. A new 'File Name' column has been added to both tables, highlighted by a yellow box labeled 'New field added'. Below each table, there are new links: 'View Associated Doc. Attachments for Direct Alternates' and 'View Associated Doc. Attachments for Conditional Alternates'. These links are highlighted by a yellow box labeled 'New links added'.

#	Interchangeable Part #	Order of Preference	Remarks	Prime?	PMA?	Part Type	File Name
1	0-0110-3-0655:36361	1		Yes	No	Consumable	alternatdefn.xlsx

#	Alternate Part #	Order of Preference	Remarks	Prime?	PMA?	Part Type	File Name
1	:35895 TEST	1		Yes	No	Consumable	conaltdefn.xlsx

Exhibit 3: Identifies the links added in **Edit Main Information** screen

Edit Main Information

Standard Cost: 137.50000000

Planning Type: Min-Max

Stock UOM: EA

Part Account Group: ROTABLES

Non-Stockable: No

Currency: CAD

Expense Type: Capital

Issue Basis: Core Returnable

Primary Part Group: None

Shelf Life Details

Shelf Life Unit: None

Minimum Shelf Life:

Shelf Life Extendable?: No

Designed Shelf Life:

Alert Value:

Other Details

Remarks:

Attachments

Flag: Alternate Prt/Maint/Planning/Purchase

New links added

Maintain Alternate Parts	Maintain Planning Information	Edit References
Maintain Kit Information	Maintain Attribute Mapping	Associate Part Groups
Maintain Maintenance Information	Maintain UOM Conversion	Initiate Part Master Controlled Data Change
Upload Documents	View Associated Doc. Attachments	

WHAT'S NEW IN PROCUREMENT?

Ability to procure parts on behalf of customer

Reference: AHBG-5707, AHBG-7506

Background

Currently if a part is being procured for a customer, first the part has to be bought by the login organization and then it would have to be sold by creating a sale order. Under this enhancement, system would be able to capture, for whom the part is being procured. Now, a choice is provided to procure parts for a customer or for the login organization. If the part is being procured for a customer, the customer #, customer name and PO and Invoice Organization of the customer would also be tracked.

Using this feature, one can procure parts for group companies of the organization unit, or for an external customer. Also, invoice could be raised for the purchase made, in the respective group companies.

Change Details

In order to address the business need, changes are made in following business components:

- Purchase Request.
- Purchase Order
- Exchange Issue.

Following new set options are added to enable Purchase on behalf of Customer in **Purchase Option Settings** screen under **Logistics Common Master** business component.

- Option setting 'Purchase Order on behalf of Customer' is added and the option can be set as
 - Applicable - Parts can be procured on behalf of customer.
 - Not Applicable - Parts cannot be procured on behalf of customer.
- Option setting 'Default value for 'Purchase for'?' is added and the option can be set as
 - Self - 'Purchase for' drop-down will be defaulted with the value 'Self' in **Create Purchase Request** and **Create Purchase Order** screens.
 - Customer - 'Purchase for' drop-down will be defaulted with the value 'Customer' in **Create Purchase Request** and **Create Purchase Order** screens.
- Option setting 'Purchase Order on behalf of Trading Partner' is now renamed as 'Purchase Order on behalf of Supplier' and the option can be set as
 - Applicable - Parts can be procured on behalf of supplier.
 - Not Applicable - Parts cannot be procured on behalf of supplier.

Changes in Purchase Request

In the **Create Purchase Request** screen under the **Purchase Request** component, following changes are made:

- A new section 'Purchase for & Expense Details' is added in the header. Under this section, the following controls are available:
 - A new drop-down 'Purchase for' is added and this will be loaded with the values 'Customer' and 'Self', based on the option setting 'Purchase Order on behalf of Customer'. If this option

setting is set as 'Not Applicable', the value 'Customer' will not be loaded.

- o New editable control 'Pur. for Trading Partner #' is added to provide the customer for whom the procurement needs to be initiated
- o Display only controls 'Trading Partner Name' and 'PO & Inv. Org.' are added.
- o The drop-down control 'Expense to' is moved into this section from the PR document information section.
- o New button 'Go' is added and this will retrieve the information as following.
 - i. If Purchase for is selected as 'Customer' and a valid Trading Partner # is selected, click of Go should retrieve the Trading partner Name from the **Customer** business component.
 - ii. 'PO & Inv. Org.' will be retrieved with the name of the Company mapped to the Customer # entered (if the Customer is a Group Company). If the entered Customer # is not a group company, then PO & Inv. Org. will be retrieved with the login Company's name.
 - iii. Numbering Type drop-down will be loaded and defaulted with the Numbering Type defined for the Purchase Request transaction for the Trading partner # as defined in the **Customer** business component.

Exhibit 1: Identifies the 'Purchase for & Expense Details' section added in **Create Purchase Request** screen

The screenshot shows the 'Create Purchase Request' screen. The 'Purchase for & Expense Details' section is highlighted with a red box. A yellow callout bubble points to this section with the text 'New section added'. The section includes fields for 'Purchase for' (a dropdown menu), 'Pur. for Trading Partner #' (a text field), 'Expense to' (a dropdown menu), and 'Trading Partner Name' (a text field). There is also a 'Go' button next to the 'Pur. for Trading Partner #' field. Below this section are 'Default Entries' and 'Requirement Details' sections. The 'Requirement Details' section is a table with columns: #, Part #, Mfr. Part #, Mfr. #, Part Description, Condition, Requested Qty, Purchase UOH, Cost, Cost Per, Cost Basis, and Delivery Type. The table currently shows one record with a 'Single' delivery type.

In the **Select Purchase Request** screen in **Edit / Cancel Purchase Request** activity under the **Purchase Request** component following changes are made:

- A new drop-down control 'Purchase for' is added in the search criteria and this will be loaded with values 'Self', 'Customer' and 'Blank'.
- Two new columns 'Purchase for' and 'Trading Partner' are added in the multiline.

Exhibit 2: Identifies the changes in **Select Purchase Request** screen in the **Edit / Cancel Purchase Request** activity

The screenshot shows the 'Select Purchase Request' screen. The 'Search Criteria' section includes fields for 'Purchase Request #', 'Action' (set to 'Edit PR'), 'Purchase Request #', 'PR Type / PR Priority', 'Buyer Group', 'Part # / Mfr. Part #', 'Created by', 'Status', 'PR Date: From/To' (2017/01/01 to 2017/02/01), 'PR Category / User Status', 'Part Type', 'Expense Type', 'Expense to', and 'Purchase for' (set to 'Customer'). A yellow callout points to the 'Purchase for' field with the text 'New controls added in Search Criteria'. The 'Search Results' section displays a table with columns: #, Status, Reason, User Status, Purchase for, and Trading Partner. A yellow callout points to the 'Purchase for' and 'Trading Partner' columns with the text 'New controls added in the multiline'. The table shows 8 rows of results, all with 'Fresh' status.

#	Status	Reason	User Status	Purchase for	Trading Partner
1	Fresh			Customer	400006/Customer 8
2	Fresh			Customer	400007/Air India
3	Fresh			Customer	400007/Air India
4	Fresh			Customer	400007/Air India
5	Fresh			Customer	400007/Air India
6	Fresh			Customer	400006/Customer 8
7	Fresh			Customer	400007/Air India
8	Fresh			Customer	400007/Air India

- If the 'Purchase for' (Self/Customer) is selected in the search criteria, Purchase Requests pertaining to the selected 'Purchase for' will be retrieved. If it is left blank, then all the Purchase Requests will be retrieved. If some value is specified in the Edit box near the drop-down, then all the Purchase Requests with the Trading Partner # or Name matching the entered value will be retrieved.
- In the Search Results, 'Purchase for' will be displayed with the value saved in the Purchase Request document. Trading partner field will be displayed with the concatenation of the Trading partner # and Name.

In the **Edit / Cancel Purchase Request** screen under the **Purchase Request** component following changes are made:

- A new section 'Purchase for & Expense Details' is added in the header. Under this section, the following controls are available:
 - A new drop-down control 'Purchase for' is added and this will be loaded with the values control will be loaded with 'Customer' and 'Self'.
 - New controls 'Pur. for Trading Partner #', 'Trading Partner Name', 'PO & Inv. Org.' are added.

Exhibit 3: Identifies the changes in **Edit / Cancel Purchase Request** screen

Edit Purchase Request

PR Document Information

Purchase Request # OCPR-000008-2017
 PR Date 2017/01/11
 PR Category
 Buyer Group
 Aircraft Reg # 6Y3MD
 Status Fresh
 PR Type Others
 User Status
 Expense Type Revenue
 Ordering Location RAMCO OU
 PR Priority
 Part Type
 PR Value CAD 2000.00

Purchase for & Expense Details

Purchase for Customer
 PO & Inv. Org. AVN
 Pur. for Trading Partner # 400006
 Expense to
 Trading Partner Name Customer 8

Requirement Details

#	Part #	Mfr. Part #	Mfr. #	Part Description	Condition	Requested Qty	Purchase UOM	Cost	Cost Per	Cost Basis	Delivery
1	0-153-	0-153-0003000000	D2249	CLIP PAPER	New	1.00	ea	2000.00	1.00		Single
2											Single

Get Part Details Help On Service

Other Info

- If 'Purchase for' is selected as 'Customer', after entering a valid Trading Partner # (Customer #), the Trading partner Name will be retrieved as the Customer Name from the **Customer** business component.
- 'PO & Inv. Org.' will be retrieved with the name of the Company mapped to the Customer # entered (if the Customer is a Group Company). If the entered Customer # is not a group company, then PO & Inv. Org. will be retrieved with the login Company's name.

In the **Authorize Purchase Request** screen under the **Purchase Request** component following changes are made:

- A new drop-down control 'Purchase for' is added in the search criteria and this will be loaded with the Values 'Self', 'Customer' and 'Blank'.
- Two new columns 'Purchase for' and 'Trading Partner' are added in the multiline.

Exhibit 4: Identifies the changes in **Authorize Purchase Request** screen

Select Purchase Request

Search Criteria

Purchase Request #
 PR Date: From/To
 PR Type
 Part # / Mfr. Part #
 User Status
 Created by
 PR Category
 Buyer Group
 PR Priority
 Part Type
 Expense Type
 Expense to
 Purchase for Customer

Search

Search Results

#	User Status	PR Type	Expense Type	Buyer Group	Created by	Document Status	Expense to	Purchase for	Trading Partner
1		Others	Revenue		DMUSER	Fresh		Customer	400006/Customer 8
2		Others	Capital		DMUSER	Fresh		Customer	400007/Air India
3		Others	Revenue		DMUSER	Fresh		Customer	400007/Air India
4		Others	Revenue		DMUSER	Fresh		Customer	400007/Air India
5		Others	Capital		DMUSER	Fresh		Customer	400007/Air India
6		Others	Capital		DMUSER	Fresh		Customer	400006/Customer 8
7		Others	Capital		DMUSER	Fresh		Customer	400007/Air India
8		Others	Capital		DMUSER	Fresh		Customer	400007/Air India
9		Others	Capital		DMUSER	Fresh		Customer	101/Customer Name with
10		Others	Revenue		DMUSER	Fresh		Customer	400007/Air India

- If the 'Purchase for' (Self/Customer) is selected in the search criteria, Purchase Requests pertaining to the selected 'Purchase for' will be retrieved. If it is left blank, then all the Purchase Requests will be retrieved. If some value is specified in the edit box near the drop-down, then all the Purchase Requests with the Trading Partner # or Name matching the entered value will be retrieved.
- In the Search Results, 'Purchase for' will be displayed with the value saved in the Purchase Request document. Trading partner field will be displayed with the concatenation of the Trading partner # and Name.

In the **Short Close Purchase Request** screen under the **Purchase Request** component following changes are made:

- A new drop-down control 'Purchase for' is added in the search criteria and this will be loaded with the values 'Self', 'Customer' and 'Blank'.
- Two new columns 'Purchase for' and 'Trading Partner' are added in the multiline.

Exhibit 5: Identifies the changes in **Short Close Purchase Request** screen

The screenshot displays the 'ShortClose Purchase Request' interface. The 'Search Criteria' section includes fields for Purchase Request #, PR Date (From/To), PR Type, Part # / Mfr. Part #, User Status, Work Center #, Ref. Document Type, and Created by. A new 'Purchase for' dropdown is highlighted with a yellow callout. The 'Search Results' section shows a table with columns: #, ority, PR Type, Expense Type, PR Category, Reason, Buyer Group, User Status, Created by, Purchase for, and Trading Partner. The 'Purchase for' and 'Trading Partner' columns are highlighted with a yellow callout. The table contains 9 rows of data.

#	ority	PR Type	Expense Type	PR Category	Reason	Buyer Group	User Status	Created by	Purchase for	Trading Partner
1		Others	Revenue					DMUSER	Customer	400264/Customer 21
2		Others	Revenue					DMUSER	Customer	AISL/AIR INDIA SPECIAL
3		Others	Revenue					DMUSER	Customer	AISL/AIR INDIA SPECIAL
4		Others	Revenue					DMUSER	Customer	HAL/HINDUSTAN AERONAUTICS
5		Others	Revenue					DMUSER	Customer	HAL/HINDUSTAN AERONAUTICS
6		Others	Revenue					DMUSER	Customer	HAL/HINDUSTAN AERONAUTICS
7		Others	Capital					DMUSER	Customer	HAL/HINDUSTAN AERONAUTICS
8		Others	Revenue					DMUSER	Customer	400007/Air India
9		Others	Revenue					DMUSER	Customer	400007/Air India

- If the 'Purchase for' (Self/Customer) is selected in the search criteria, Purchase Requests pertaining to the selected 'Purchase for' will be retrieved. If it is left blank, then all the Purchase Requests will be retrieved. If some value is specified in the Edit box near the drop-down, then all the Purchase Requests with the Trading Partner # or Name matching the entered value will be retrieved.
- In the Search Results, 'Purchase for' will be displayed with the value saved in the Purchase Request document. Trading partner field will be displayed with the concatenation of the Trading partner # and Name.

In the **Selective Short Close Purchase Request** screen in **Short Close Purchase Request** Activity under the **Purchase Request** component following changes are made.

- A new section 'Purchase for & Expense Details' is added in the header. Under this section, new controls 'Purchase for', 'Pur. for Trading Partner #', 'Trading Partner Name', 'PO & Inv. Org' are added.

Exhibit 6: Identifies the changes in **Selective Short Close Purchase Request** screen under **Short Close Purchase Request** activity

Selective Short Close

Date Format: yyyy/mm/dd

PR Document Information

Purchase Request # OCPR-000001-2017
 PR Date 2017/01/11
 PR Category
 Aircraft Reg #
 PR Value 2000.00
 Remarks

Status Authorized
 PR Type Others
 User Status
 Ordering Location RAMCO OL

PR Priority
 Expense Type Revenue
 Part Type

Purchase for & Expense Details

Purchase for Customer
 PO & Inv. Org. ABCD
 Pur. for Trading Partner # 400007
 Expense to
 Trading Partner Name Air India

Requirement Details

#	Line #	Part	Mfr. Part #	Mfr. #	Part Description	Purchase UOM	Alternate Type	Alternate Part #	Requested Qty
1	1	0-0050845-	0-0050845-2	T0000	SLEEVED TERMINAL	ea	Allowed		1.00
2									

In the **Select Purchase Request** screen in **View Purchase Request** Activity under the **Purchase Request** component following changes are made.

- A new drop-down control 'Purchase for' is added in the search criteria and this will be loaded with the values 'Self', 'Customer' and 'Blank'.
- Two new columns 'Purchase for' and 'Trading Partner' are added in the multiline

Exhibit 7: Identifies that changes in **Select Purchase Request** screen under **View Purchase Request** activity

Select Purchase Request

Direct Entry

Purchase Request # View Purchase Request

Search Criteria

Purchase Request #
 PR Date: From/To 2017/01/01 2017/02/01
 Warehouse #
 Part # / Mfr. Part #
 Ref. Document #
 Buyer Group
 Aircraft Reg #

PR Category
 PR Type
 Expense to
 Part Type
 Work Center #
 Created by
 Purchase for

Status
 PR Priority
 Expense Type
 User Status
 Source
 Display Option

Search Results

#	Purchase Request #	User Status	Buyer Group	Created by	Reason	Work Center #	Purchase for	Trading Partner
1	OCPR-000001-2017			DMUSER			Customer	400007/Air India
2	OCPR-000002-2017			DMUSER			Customer	400007/Air India
3	OCPR-000004-2017			DMUSER			Customer	400007/Air India
4	OCPR-000005-2017			DMUSER			Customer	400007/Air India
5	OCPR-000006-2017			DMUSER			Customer	400007/Air India
6	OCPR-000007-2017			DMUSER			Customer	400006/Customer 8

- If the 'Purchase for' (Self/Customer) is selected in the search criteria, Purchase Requests pertaining to the selected 'Purchase for' will be retrieved. If it is left blank, then all the Purchase Requests will be retrieved. If some value is specified in the Edit box near the drop-down, then all the Purchase Requests with the Trading Partner # or name matching the entered value will be retrieved.
- In the Search Results, 'Purchase for' will be displayed with the value saved in the Purchase Request document. Trading partner field will be displayed with the concatenation of the Trading partner # and Name.

In the **View Purchase Request** screen & Activity under the **Purchase Request** component following changes are made.

- A new section 'Purchase for & Expense Details' is added in the header. Under this section, new controls 'Purchase for', 'Pur. For Trading Partner #', 'Trading Partner Name' and 'PO & Inv. Org.' are added.

Exhibit 8: Identifies the changes in **View Purchase Request** screen

The screenshot shows the 'View Purchase Request' screen. The 'Purchase for & Expense Details' section is highlighted with a red box. A yellow callout bubble points to this section with the text 'New section added'. The section contains the following fields:

- Purchase for: Customer
- Pur. for Trading Partner #: 400007
- Trading Partner Name: Air India
- PO & Inv. Org.: ABCD
- Expense to:

Below this section is the 'Requirement Details' table with the following data:

#	Part #	Mfr. Part #	Mfr. #	Part Description	Condition	Requested Qty	Purchase UOM	Order Qty	Short Closed Qty	Cost
1	0-1245-2351	0-1245-2351	00000	fuel pump	New	1.00	ea	1.00		2000.0

Changes in Purchase Order:

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

In the 'Purchase for & Expense Details' section,

- A new button 'Go' is added and the UI task in the Trading partner # field is removed.
- A Check-box 'Billable to Customer?' is added
- A new value 'Customer' is made available in 'Purchase for' drop-down.

Exhibit 9: Identifies changes made in **Create Purchase Order** screen

The screenshot shows the 'Create Purchase Order' screen. The 'Purchase for & Expense Details' section is highlighted with a red box. A yellow callout bubble points to this section with the text 'New controls added'. The section contains the following fields:

- Purchase for: Customer
- Pur. for Trading Partner #: 400007
- Trading Partner Name: Air India
- PO & Inv. Org.: ABCD
- Expense to:
- Go button
- Billable to Customer? checkbox

- If 'Purchase for' is selected as 'Customer', on click of 'Go' button after entering a valid Trading Partner # (Customer #), the Trading partner Name will be retrieved as the Customer Name from the Customer business component.
- 'PO & Inv. Org.' will be retrieved with the Organization Unit mapped to the Group Company defined in the Customer master for the Trading partner # entered. If the entered trading partner # is not a group company, then PO & Inv. Org. will be retrieved with the login OU.
- Numbering Type drop-down will be loaded and defaulted with the Numbering Type defined for the Purchase Order transaction for the Trading partner # as defined in the Customer business component.
- 'Billable to Customer?' can be checked to specify whether the invoice of the purchase order should be billed to the customer.

Note: In addition to it, a check-box to indicate if the Purchase Order is raised as a Subcontract order for manufacturing the parts is added.

In the **PR Based PO** screen under the **Purchase Order** component following changes are made.

- A new button 'Go' and a check box 'Billable to Customer?' is added In the 'PO Details' section,
- In the Search Criteria section, a new drop-down control 'Purchase for' along with the editable field is added
- In the 'Search Results' multiline, two new columns 'Purchase for' and 'Trading Partner' are added.

Exhibit 10: Identifies changes made in **PR Based PO** screen

The screenshot shows the 'PR Based PO' screen with several sections. Annotations highlight the following changes:

- Search Criteria:** A new drop-down control 'Purchase for' is added next to the 'Supplier #' field.
- PO Details:** A new 'Go' button is added next to the 'Pur. for Trading Partner #' field. A new check box 'Billable to Customer?' is added below the 'Address' field.
- Search Results:** Two new columns, 'Purchase for' and 'Trading Partner', are added to the multiline table.

#	Need	Earliest Due Date	PO Part #	PO Covered	CAPEX Proposal	Blanket Purchase Order?	Created by	Purchase for	Trading Partner
1		27/01/	A1		5.00	Not Covered	DMUSER	Customer	HAL HINDUSTAN AERONAUTICS
2		27/01/	A2		5.00	Not Covered	DMUSER	Customer	HAL HINDUSTAN AERONAUTICS

- If 'Purchase for' is selected as 'Customer', on click of 'Go' button after entering a valid Trading Partner # (Customer #), the Trading partner Name will be retrieved as the Customer Name from the **Customer** business component.
- 'PO & Inv. Org.' will be retrieved with the Organization Unit mapped to the Group Company defined in the Customer master for the Trading partner # entered. If the entered trading partner # is not a group company, then PO & Inv. Org. will be retrieved with the login OU.

- Numbering Type drop-down will be loaded and defaulted with the Numbering Type defined for the Purchase Order transaction for the Trading partner # as defined in the **Customer** component.
- Billable to Customer can be checked to specify whether the invoice of the purchase order should be billed to the customer.
- If the Purchase for (Self/Customer) is selected in the search criteria, Purchase Requests pertaining to the selected 'Purchase for' will be retrieved. If it is left blank, then all the Purchase Requests will be retrieved. If some value is specified in the Edit box near the drop-down, then all the Purchase Requests with the Trading Partner # or Name matching with the entered value will be retrieved.
- In the Search Results, Purchase For will be displayed with the value saved in the Purchase Request document. Trading partner field will be displayed with the concatenation of the Trading partner # and Name.

In the **Quotation Based PO** screen under the **Purchase Order** component following changes are made:

- A new drop-down control 'Purchase for' is added in the search criteria and this will be loaded with the values 'Self', 'Customer' and 'Blank'.
- Two new columns 'Purchase for' and 'Trading Partner' are added in the multiline.

Exhibit 11: Identifies the changes in **Select Quotation** screen under **Quotation Based PO** activity

The screenshot shows the 'Select Quotation' interface. In the 'Search Criteria' section, a new dropdown menu labeled 'Purchase for' is highlighted with a yellow callout stating 'New control added'. Below this, the 'Search Results' section displays a table with the following data:

#	Quotation #	Supplier #	RFQ #	Quotation Date	Quotation Type	Quotation Category	Purchase for	Trading Partner
1	QT-000031-2017	00198	RFQ-	2017/02/01	Normal		Customer	400007 Air India

A yellow callout points to the 'Purchase for' and 'Trading Partner' columns in the table, stating 'New controls added in the multiline'.

- All the Quotation documents created with reference to the RFQ documents which in turn have reference to Purchase Requests having 'Self/Customer' selected as 'Purchase for', should be retrieved in the search results based on 'Purchase for' selection.
- 'Purchase for' column should be displayed with Self/Customer, if PRs of those type are available. Trading Partner Column should be displayed with Trading Partner # and name in concatenation, if available.

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

- A new drop-down control 'Purchase for' is added in the search criteria and this should be loaded with the values 'Customer', 'Supplier', 'Self' and 'Blank'.
- Two new columns 'Purchase for' and 'Trading Partner' are added in the multiline.

Exhibit 12: Identifies changes made in **Select Purchase Order** screen of **Cancel / Edit Purchase Order** activity

Select Purchase Order

Search Criteria

Purchase Order # [Edit Purchase Order](#)

Purchase Order #

Supplier #

PO Category

Part # / Mfr. Part #

PO Date: From / To 2017/01/01 2017/02/01

PO Type

Expense Type

User Status

Part Type

Purchase for

PO Status

Expense to

Created by

Buyer Group

Subcontract

Search Results

#	Purchase Order #	Created by	PO Type	Buyer Group	Expense to	User Status	Purchase for	Trading Partner	Subcontract
1	AP000399117	DMUSER	Exchange				Customer	421675 Customer 147	No
2	AP000403217	DMUSER	General				Customer	400007 Air India	No
3	CPO-000003-2017	DMUSER	General				Customer	400004 Customer 7	No
4	HOP-000002	DMUSER	Exchange				Customer	AC000062-2015 NEW	No
5	HOP-000004	DMUSER	Exchange				Customer	HAL HINDUSTAN AERONAUTICS	No
6	OCPO-000003-2017	DMUSER	General				Customer	400007 Air India	No
7	OCPO-000007-2017	DMUSER	General				Customer	400007 Air India	No
8	OCPO-000017-2017	DMUSER	General				Customer	400007 Air India	No
9	OCPO-000019-2017	DMUSER	General				Customer	101 Customer Name with	No
10	OCPO-000030-2017	DMUSER	General				Customer	400007 Air India	No

- If the Purchase for (Self/Customer) is selected in the search criteria, Purchase Orders pertaining to the selected 'Purchase for' will be retrieved. If it is left blank, then all the Purchase Orders will be retrieved. If some value is specified in the Edit box near the drop-down, then all the Purchase Orders with the Trading Partner # or Name matching with the entered value will be retrieved.
- In the 'Search Results' multiline, 'Purchase for' will be displayed with the value saved in the Purchase Order document. Trading partner field will be displayed with the concatenation of the Trading partner # and Name.

In the **Cancel / Edit Purchase Order** screen under the **Purchase Order** component following changes are made:

- In the 'Purchase for & Expense Details' section,
 - A new button 'Go' is added and the UI Task in the Trading partner # field is removed.
 - A Check-box 'Billable to Customer?' is added

Exhibit 13: Identifies the changes in **Edit Purchase Order** screen under **Cancel / Edit Purchase Order** activity

Edit Purchase Order

PO Information

Purchase Order # OCPO-000003-2017

PO Date 2017/01/12

PO Category

User Status

PO Status Fresh

PO Details

PO Type General

PO Priority

Buyer Group

Subcontract ☐

Remarks

Expense Type Revenue

Aircraft Reg #

Quality Attribute Check No

Purpose

Receipt Recording Option GR Movement

Component #

Part Type All

Purchase for & Expense Details

Purchase for Customer

Pur. for Trading Partner # 400007

Expense to --Not Applicable--

Trading Partner Name Air India

Billable to Customer? ☐

Supplier Details

Supplier # 00000

Supplier Name A & R Taurpaulins, Inc.

Contact Person Jim

PO Currency CAD

Address ID 1

Address 74 N WASHINGTON, add 2, BATTLE CREEK, M

PO Value

PO Basic Value	CAD	6000.00	Base Currency Value	CAD	6000.00	PO Additional Charges	CAD	0.00
PO Total Value	CAD	6000.00	Exchange Rate	1.00000000				

EDI Details

- If 'Purchase for' is selected as 'Customer', on click of 'Go' button after entering a valid Trading Partner # (Customer #), the Trading partner Name will be retrieved as the Customer Name from the **Customer** business component.
- 'PO & Inv. Org.' will be retrieved with the Organization Unit mapped to the Group Company defined in the Customer master for the Trading partner # entered. If the entered trading partner # is not a group company, then PO & Inv. Org. will be retrieved with the login OU.
- 'Billable to Customer' can be checked to specify whether the invoice of the purchase order should be billed to the customer.

In the **Authorize Purchase Order** screen under the **Purchase Order** component following changes are made:

- New drop-down controls 'Purchase for' and a new check box 'View Part Info' are added in the search criteria
- New Columns 'Purchase for', 'Trading Partner #', 'Part #', 'Part Description', 'Qty.', 'UOM', 'Value' and 'Earliest Due Date' are added in the multiline.

Exhibit 14: Identifies the changes in **Authorize Purchase Order** screen

The screenshot displays the 'Select Purchase Order' interface. The 'Search Criteria' section includes fields for Purchase Order #, PO Category, Buyer Group, PO Date (From/To), and a new 'Purchase for' dropdown menu. A yellow callout points to this dropdown with the text 'New control added'. To the right are fields for PO Type, User Status, Expense Type, Part # / Mfr. Part #, Subcontract, Supplier #, Created by, Expense to, and Part Type. A 'Search' button and a checked 'View Part Info' checkbox are also present.

The 'Search Results' section shows a table with the following columns: #, Purchase Order #, Amendment #, Part #, Part Description, Qty, UOM, Value, Earliest Due Date, Expense Type, and PO Status. A yellow callout points to the new columns (Part #, Part Description, Qty, UOM, Value, Earliest Due Date) with the text 'New controls added in the multiline'.

#	Purchase Order #	Amendment #	Part #	Part Description	Qty	UOM	Value	Earliest Due Date	Expense Type	PO Status
1	AP000399117		0-0033466-	TERMINAL	1	ea	2000.00	2017/01/26	Revenue	Fresh
2	AP000403217		0-0440-4-	test	1	ea	2000.00	2017/02/03	Capital	Fresh
3	CPO-000003-2017		0-0440-4-	test	1	ea	2000.00	2017/02/03	Capital	Fresh
4	HOP-000002		A1	Hosing	5	EA	204552.5	2017/02/09	Revenue	Fresh
5	HOP-000002		A2	Hosing	5	EA	204552.5	2017/02/09	Revenue	Fresh
6	HOP-000002		A3	Hosing	5	EA	204552.5	2017/02/09	Revenue	Fresh
7	HOP-000004		A1	Hosing	1	EA	0.00	2017/02/01	Revenue	Fresh
8	OCPO-000003-2017		0-0050845-	scn18	3	ea	6000.00	2017/01/17	Revenue	Fresh
9	OCPO-000007-2017		0-0102-3-	PIN	1	ea	2000.00	2017/01/16	Revenue	Fresh
10	OCPO-000017-2017		0-132-	AXLE	1	ea	2000.00	2017/01/19	Revenue	Fresh

- If the Purchase for (Self/Customer) is selected in the search criteria, Purchase Orders pertaining to the selected 'Purchase for' will be retrieved. If it is left blank, then all the Purchase Orders will be retrieved. If some value is specified in the Edit box near the drop-down, then all the Purchase Orders with the Trading Partner # or Name matching the entered value will be retrieved.
- In the Search Results, 'Purchase for' will be displayed with the value saved in the Purchase Order document. Trading partner field will be displayed with the concatenation of the Trading partner # and Name.
- If View Parts Info. Checkbox is checked, Part #, Part Description, Qty., UOM, Value and Earliest Due Date values will be displayed in the search results, as saved in the PO.

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

- A new drop-down control 'Purchase for' is added in the search criteria and this will be loaded with the values 'Customer', 'Supplier', 'Self' and 'Blank'.
- Two new columns 'Purchase for' and 'Trading Partner' are added in the multiline.

Exhibit 15: Identifies the changes in **Select Purchase Order** screen of **Amend Purchase Order** activity

Select Purchase Order

Search Criteria

Purchase Order # Amend Purchase Order

PO # PO Type Status

Supplier # Expense Type Expense to

PO Category User Status Created by

Part # / Mfr. Part # Part Type Buyer Group

PO Date: From / To Purchase for Core Status

Subcontract ☐

Search Results

#	Purchase Order #	Created by	Buyer Group	User Status	Core Status	Expense to	Purchase for	Trading Partner	Subcontract
1	AP000398217	SYSTEM					Customer	400007 Air India	No
2	AP000401617	DMUSER					Customer	400007 Air India	No
3	CPO-000001-2017	DMUSER					Customer	400007 Air India	No
4	HOP-000003	DMUSER					Customer	AC000062-2015 NEW	No
5	HOP-000005	DMUSER					Customer	HAL HINDUSTAN AERONAUTICS	No
6	HOP-000006	DMUSER					Customer	Hal HINDUSTAN AERONAUTICS	Yes
7	OCPO-000001-2017	DMUSER					Customer	400007 Air India	No
8	OCPO-000002-2017	DMUSER					Customer	400007 Air India	No
9	OCPO-000004-2017	DMUSER			Open		Customer	400007 Air India	No

- If the Purchase for (Self/Customer) is selected in the search criteria, Purchase Orders pertaining to the selected 'Purchase for' will be retrieved. If it is left blank, then all the Purchase Orders will be retrieved. If some value is specified in the Edit box near the drop-down, then all the Purchase Orders with the Trading Partner in it will be retrieved.
- In the Search Results, 'Purchase for' will be displayed with the value saved in the Purchase Order document. Trading partner field will be displayed with the concatenation of the Trading partner # and Name.

In the **Amend Purchase Order** screen under the **Purchase Order** component a new 'Billable to Customer?' check box is added in section 'Purchase for & Expense Details'

Exhibit 16: Identifies the changes made in **Amend Purchase Order** screen

Amend Purchase Order

PO Information

Purchase Order # OCPO-000001-2017 Amendment # 1 Status Amended

PO Date 2017/01/12 PO Category Core Status

User Status

PO Details

PO Type General Expense Type Revenue Receipt Recording Option GR Acceptance

PO Priority Aircraft Reg # Component #

Buyer Group Quality Attribute Check No Part Type All

Subcontract ☐ Purpose

Remarks

Purchase for & Expense Details

Purchase for Customer Pur. for Trading Partner # 400007 Partner Name Air India

PO & Inv. Org. AVEOS Expense to Billable to Customer? ☐

Supplier Details

Supplier # 00000 Supplier Name A & R Tauraulins, Inc. Contact Person Jim

PO Currency CAD Address ID 1 Address 74 N WASHINGTON

PO Value

PO Basic Value CAD 0.01 Base Currency Value CAD 0.01 PO Additional Charges CAD 0.00

PO Total Value CAD 0.01 Exchange Rate 1.00000000

- Saved value in PO will be displayed at screen launch in the control 'Billable to Customer?'.
- 'Billable to Customer?' can be checked to specify whether the invoice of the purchase order should be billed to the customer.

In the **Hold/Release Purchase Order** screen under the **Purchase Order** component following changes are made.

- A new control 'Purchase for' (Drop-down and editable control without caption) is added in the search criteria
- Two new columns 'Purchase for' and 'Trading Partner' are added in the multiline (Display only controls)

Exhibit 17: Identifies changes made in **Hold/Release Purchase Order** screen

The screenshot displays the 'Hold/Release Purchase Order' interface. The 'Search Criteria' section includes fields for Purchase Order #, Supplier #, PO Category, Part # / Mfr. Part #, PO Date: From / To, PO Type, Expense Type, User Status, Part Type, PO Status, Expense to, Created by, and Buyer Group. A new dropdown control labeled 'Purchase for' is highlighted with a yellow callout stating 'New control added'. The 'Search Results' section shows a table with columns: #, Purchase Order #, Expense Type, PO Status, User Status, Created by, Buyer Group, Reason, Purchase for, and Trading Partner. The 'Purchase for' and 'Trading Partner' columns are highlighted with a yellow callout stating 'New controls added in the multiline'.

#	Purchase Order #	Expense Type	PO Status	User Status	Created by	Buyer Group	Reason	Purchase for	Trading Partner
1	AP000398217	Revenue	Open		SYSTEM			Customer	400007 Air India
2	OCPO-000008-2017	Revenue	Open		DMUSER			Customer	400007 Air India
3	OCPO-000010-2017	Revenue	Open		DMUSER			Customer	421675 Customer 147
4	OCPO-000011-2017	Revenue	Open		DMUSER			Customer	421675 Customer 147
5	OCPO-000012-2017	Revenue	Open		DMUSER			Customer	400007 Air India
6	OCPO-000013-2017	Revenue	Open		DMUSER			Customer	400007 Air India
7	OCPO-000022-2017	Capital	Open		DMUSER			Customer	400007 Air India
8	OCPO-000023-2017	Revenue	Open		DMUSER			Customer	400007 Air India
9	OCPO-000024-2017	Revenue	Open		DMUSER			Customer	400007 Air India
10	OCPO-000025-2017	Revenue	Open		DMUSER			Customer	400007 Air India

- If the Purchase for (Self/Customer) is selected in the search criteria, Purchase Orders pertaining to the selected 'Purchase for' will be retrieved. If it is left blank, then all the Purchase Orders will be retrieved. If some value is specified in the Edit box near the drop-down, then all the Purchase Orders with the Trading Partner in it will be retrieved.
- In the Search Results, 'Purchase for' will be displayed with the value saved in the Purchase Order document. Trading partner field will be displayed with the concatenation of the Trading partner # and Name.

In the **Short Close Purchase Order** screen under the **Purchase Order** component following changes are made.

- A new drop-down control 'Purchase for' is added in the search criteria and this will be loaded with the values 'Customer', 'Supplier', 'Self' and 'Blank'.
- Two new columns 'Purchase for' and 'Trading Partner' are added in the multiline.

Exhibit 18: Identifies changes made in **Short Close Purchase Order** screen

Short Close Purchase Order

Search Criteria

Purchase Order # PO Type PO Status

Supplier # Expense Type Expense to

PO Category User Status Created by

Part # / Mfr. Part # Part Type Buyer Group

PO Date: From / To 2017/01/01 2017/02/01 Purchase for Subcontract ☐

Search Results

#	Purchase Order #	PO Status	User Status	Created by	Buyer Group	Reason	Purchase for	Trading Partner	Subcontract
1	AP000398217	Open		SYSTEM			Customer	400007 Air India	No
2	PRO000005-2017	Amended		DMUSER			Customer	400007 Air India	No
3	OCPO-000001-2017	Amended		DMUSER			Customer	400007 Air India	No
4	OCPO-000008-2017	Open		DMUSER			Customer	400007 Air India	No
5	OCPO-000012-2017	Open		DMUSER			Customer	400007 Air India	No
6	OCPO-000013-2017	Open		DMUSER			Customer	400007 Air India	No
7	OCPO-000018-2017	Amended		DMUSER			Customer	400007 Air India	No
8	OCPO-000020-2017	Amended		DMUSER			Customer	400007 Air India	No
9	OCPO-000021-2017	Amended		DMUSER			Customer	400007 Air India	No
10	OCPO-000026-2017	Open		DMUSER			Customer	400007 Air India	No

- If the Purchase for (Self/Customer) is selected in the search criteria, Purchase Orders pertaining to the selected 'Purchase for' will be retrieved. If it is left blank, then all the Purchase Orders will be retrieved. If some value is specified in the Edit box near the drop-down, then all the Purchase Orders with the Trading Partner in it will be retrieved.
- In the Search Results, 'Purchase for' will be displayed with the value saved in the Purchase Order document. Trading partner field will be displayed with the concatenation of the Trading partner # and Name.

In the **Select Purchase Order** screen in the **View Purchase Order** activity under the **Purchase Order** component following changes are made.

- A new drop-down control 'Purchase for' is added in the search criteria and this will be loaded with the value 'Customer', 'Supplier', 'Self' and 'Blank'.
- Two new columns 'Purchase for' and 'Trading Partner' are added in the multiline.

Exhibit 19: Identifies changes made in **Select Purchase Order** screen of **View Purchase Order**

Select Purchase Order

Direct Entry

Purchase Order # View Purchase Order

Search Criteria Additional Search Criteria

Purchase Order # PO Type PO Status

PO Category Expense to Buyer Group

Supplier # Supplier Name Created by

Part # / Mfr. Part # Part Description Warehouse #

Date: From / To PO Date 2017/01/01 2017/02/01 Aircraft Reg # Purchase for

Search Results

#	Purchase Order #	Schedule Type	Earliest Due Date	Purpose	Aircraft Reg #	Purchase for	Trading Partner	Subcontract
1	AP000398217					Customer	400007 Air India	No
2	AP000399117					Customer	421675 Customer 147	No
3	AP000401117					Customer	HAL HINDUSTAN AERONAUTICS	No
4	AP000401617					Customer	400007 Air India	No
5	AP000403217					Customer	400007 Air India	No
6	CPO-000001-2017					Customer	400007 Air India	No
7	CPO-000003-2017					Customer	400004 Customer 7	No

- If the Purchase for (Self/Customer) is selected in the search criteria, Purchase Orders pertaining to the selected 'Purchase for' will be retrieved. If it is left blank, then all the Purchase Orders will be retrieved. If some value is specified in the Edit box near the drop-down, then all the Purchase Orders with the Trading Partner in it will be retrieved.
- In the Search Results, 'Purchase for' will be displayed with the value saved in the Purchase Order document. Trading partner field will be displayed with the concatenation of the Trading partner # and Name.

In the **View Purchase Order** screen under the **Purchase Order** component, a new display only field 'Billable to Customer?' is added in section 'Purchase for & Expense Details'.

Exhibit 20: Identifies the changes in **View Purchase Order** screen

The screenshot shows the 'View Purchase Order' interface with the following sections and fields:

- PO Information:** Purchase Order # CPO-00003-2017, Status Fresh, Amendment # 0, Get Amdnt details.
- PO Details:** PO Date 2017/02/01, Core Status, PO Category, User Status.
- Supplementary Details:** PO Type General, Expense Type Capital, Receipt Recording Option GR Movement, PO Priority, Aircraft Reg #, Component #, Buyer Group, Quality Attribute Check No, Part Type All, Purpose, Subcontract No, Remarks.
- Purchase for & Expense Details:** Purchase for Customer, PO & Inv. Org. COBHAM AVIATION SERVICES MALAYSIA, Pur. for Trading Partner # 400004, Expense to, Trading Partner Name Customer 7, Billable to Customer? No.
- Supplier Details:** Supplier # 00000, Supplier Name A & R Taurpaulins, Inc., Contact Person Jim, PO Currency CAD, Address ID 1, Address 74 N WASHINGTON, add 2, BATTLE CREEK, MI.
- PO Value:** PO Basic Value CAD 2000.00, Base Currency Value CAD, PO Total Value CAD 2000.00, Exchange Rate 1.00000000, Additional Charges CAD 0.00.

A yellow callout points to the 'Billable to Customer?' field, stating: "New controls added in the multiline".

- Saved value in PO will be displayed at screen launch in the control 'Billable to Customer?'. 'Billable to Customer?' is checked to specify whether the invoice of the purchase order should be billed to the customer.

In the **PR Based RFQ** screen under the **Purchase Order** component following changes are made:

- A new control 'Purchase for' (Drop-down and editable control without caption) is added in the search criteria
- Two new columns 'Purchase for' and 'Trading Partner' are added in the multiline (Display only controls)

Exhibit 21: Identifies changes made in **View Purchase Order** screen

PR Based RFQ

RFQ Details

RFQ # [] RFQ Date [2017/02/01] Status []

RFQ Priority [] Reply Date []

RFQ Category []

Numbering Type [CRFQ]

RFQ Type [Competitive Bidding]

User Status []

Search Criteria

PR # []

PR Buyer Group []

Part # []

Ship To []

Need Date []

PR Date From [2017/01/01]

Part Type []

Purchase for [Customer]

PR Priority []

PR Date To [2017/02/01]

User Status []

Search Results

#	Ship To	Alternate Part #	Quality Attribute	Certificate Type	Remarks	Purchase for	Trading partner
1	RAMCO OU	Allowed	None			Customer	400264 Customer 21
2	RAMCO OU	Allowed	None			Customer	AISL AIR INDIA SPECIAL
3	RAMCO OU	Allowed	None			Customer	AISL AIR INDIA SPECIAL
4	RAMCO OU	Allowed	None			Customer	HAL HINDUSTAN AERONAUTICS
5	RAMCO OU	Allowed	None			Customer	HAL HINDUSTAN AERONAUTICS

- If the Purchase for (Self/Customer) is selected in the search criteria, Purchase Requests pertaining to the selected 'Purchase for' will be retrieved. If it is left blank, then all the Purchase Requests will be retrieved. If some value is specified in the Edit box near the drop-down, then all the Purchase Requests with the Trading Partner in it will be retrieved.
- In the Search Results, 'Purchase for' will be displayed with the value saved in the Purchase Request document. Trading partner field will be displayed with the concatenation of the Trading partner # and Name.

Changes in Stock Issue

In the **Select Purchase Order** screen in the **Create Exchange Issue** activity under the **Purchase Order** component, following changes are made:

- Two new columns 'Purchase for' and 'Trading Partner' are added in the multiline.

Exhibit 22: Identifies changes made in **Select Purchase Order** screen of **Create Exchange Issue** activity

Select Purchase Order

Date Format dd/mm/yyyy

Search Criteria

PO Location [RAMCO OU]

Purchase Order # []

PO From Date []

Supplier # []

Part # []

Core Status []

Receipt Warehouse []

PO Type []

PO To Date []

Supplier Name []

Part Description []

Aircraft Reg # []

Search Results

#	Part Description	Receipt Warehouse	Issue Warehouse #	Purchase For	Trading Partner
232	AIR SHUTOFF V SWITCH	YULCS	YZFHMUS	Self	
233	AIR SHUTOFF V SWITCH	YULCS	YZFHMUS	Self	
234	AIR SHUTOFF V SWITCH	YULCS	YZFHMUS	Self	
235	AIR SHUTOFF V SWITCH	YULCS	YZFHMUS	Self	
236	TERMINAL	0123	YZFHMUS	Customer	400007 Air India
237	PIN	0123	YZFHMUS	Customer	400007 Air India
238	TERMINAL	0123	YZFHMUS	Customer	400007 Air India
239	PIN	0123	YZFHMUS	Customer	400007 Air India
240	PIN	0123	YZFHMUS	Customer	400007 Air India
241					

In the 'Search Results' multiline, 'Purchase for' will be displayed with the value saved in the Purchase Order document. 'Trading partner' field will be displayed with the concatenation of the Trading partner # and Name if available.

Note:

- *Purchase Request of type 'Others' can alone have the 'Purchase for' set as 'Customer'.*
- *Whenever automatic Purchase Request is triggered during replenishment or when Purchase Request is created against a MR from Plan Material, the 'Purchase for' in the PR will be defaulted with 'Self' or 'Self/Customer' based on the option set for 'Purchase for Customer' in the **Customer** master.*
- *Purchase Orders of type 'General', 'Express' and 'Exchange' can alone have the 'Purchase for' set as 'Customer'.*
- *Whenever automatic Purchase Order is triggered during replenishment or claim acceptance, then the 'Purchase for' will be defaulted with 'Self' or 'Self/Customer' based on the option set for 'Purchase for Customer' in the **Customer** master.*
- *Whenever 'Purchase for' is selected as 'Customer', then the A/C Reg. # entered in the PO/PR should belong to the customer # entered as Pur. For Trading partner #.*
- *The parts received against the Purchase Orders on behalf of Customer will be received in Customer Owned stock statuses with zero value. To facilitate this, the transaction type 'Regular Purchase' shall be retrieved even for Customer Owned stock statuses in the **Edit Transaction Mapping** screen in **User Defined Stock Status** business component.*
- *Similarly, when an exchange issue is created against a PO with 'Purchase for' as 'Customer', then only that Customer's stock will be allowed to be issued from inventory*

Changes in Accounting

Pre-requisite for Procurement of Parts on behalf of Customer (Non Group Company)

A new Automatic Post Account Type: "CUSTOMER PENDING BILLBACK" has been introduced to account for all the part and TCD cost incurred while Part(s) are procured on behalf of customer with the intention of billing it back to Customer for reimbursement. The value of Part Cost will be accounted to this automatic posting account type during Goods Receipt. The value for Taxes, Charges and Discount added in Purchase Order with Account Rule as "Add to Stock" shall be accounted in this automatic posting account type.

A new Pre-defined usage "COGS-BB" (Cost of Goods Sold – Bill back) has been introduced to book the cost incurred through the Purchase Orders which are flagged as Non-billable to Customer. The COGS accounting shall take place during confirmation of the Goods Inward. The default Cost Center for this COGS-BB account is enabled in the following screen: Finance Setup → BU Parameter Setup → Set Parameters - Default Cost Center.

Ability to amend the PO Currency after authorization

Reference: AHBG-7356

Background

Purchase order is a transaction which is used to track procurement of a part from a desirable source. The currency in which the transaction is done is a key element in the Purchase Order as it determines the amount to be paid to the supplier. Business need is the ability to amend the PO currency, if the buyer comes to know that a Supplier is not transacting in a given currency after the PO is released to the supplier. Today, as this capability is not available, buyer needs to shortclose the PO and create a new PO.

Change Details

1. 'PO Currency' (display only) field in the **Amend Purchase Order** screen is modified to a drop-down control and the values shall be loaded in a similar way as handled in **Edit Purchase Order** screen.
2. Currency modification will be restricted if any receipt is recorded against the Purchase Order. The committed amount of the Capex Proposal # and the TCD values should be updated based on the modified currency.

Exhibit 1: Identifies the PO Currency drop-down modified in **Amend Purchase Order** screen

The screenshot displays the 'Amend Purchase Order' interface. A yellow callout box points to the 'PO Currency' field in the 'Supplier Details' section, stating: 'Display only field is changed to drop-down'. The form includes various sections: PO Information, PO Details, Purchase for & Expense Details, Supplier Details, PO Value, and EDI Details. The 'PO Currency' field is currently set to 'USD'.

WHAT'S NEW IN REPAIR ORDER?

Ability to Specify Quote at RO Part # / Qty. Level

Reference: AHBG-47

Background

In aviation industry, MRO's send parts for external repairs very frequently. Parts can be sent individually or grouped and sent. However Repair Orders are created with multiple parts to reduce the processing cost and convenience. However repair agencies provide repair quote as when it is inspected.

Currently in Ramco Aviation, there is no provision to record repair quote partially and can be entered only when quote for all the parts / quantities is received. This would also affect the delivery schedule as authorization and receipt as they can be performed only after providing the quote for all the parts. The enhancement provides the following features:

1. Ability to record quote partially for the parts in a repair order either at the Part level or Part Qty. level based on Repair Quotation.
2. Ability to authorize the partial Qty recorded in the Repair Order.
3. Ability to receive the partial authorized qty.

Change Details

A new set option 'Repair Quote Recording option' is added under category 'Repair Order' in **Purchase Option Settings** activity under the **Logistics Common Master** business component to facilitate recording of partial Quote. It can be set as Document level or Line level.

Exhibit 1: Identifies the set option added in 'Purchase Option Settings' screen

The screenshot displays the 'Purchase Option Settings' window. The 'Additional Purchase Options' section is expanded, showing a table of settings for the 'Repair Order' category. A yellow callout box points to the 'Repair Quote Recording option' in the table, with the text 'New Set option Added'.

#	Category	Parameter	Permitted Value	Value	Status	Error Message
17	Repair Order	Default Tool Crib as Receiving Warehouse on	Enter '0' for 'No', '1' for 'Yes'	1	Defined	
18	Repair Order	Authorization of Cost amendment of 'Closed'	Enter '0' for 'No', '1' for 'Yes'	1	Defined	
19	Repair Order	Override BER Limit in Repair Quote	Enter '0' for 'Not allowed', '1' for 'Allowed'	1		
20	Repair Order	Max. allowable Repair Cost (%) overriding	Enter the max. allowable Repair Cost percentage overriding BER	70		
21	Repair Order	Repair Quote Recording option	Enter '0' for 'Document Level', '1' for 'Line Level'			

If the user selects the set option as 'Document Level' i.e. '0', then the existing functionality will be retained i.e., Quote should be provided for all the parts in the repair order at the same time. If the user selects the set options as 'Line Level' i.e., '1', then the user will be able to record the quote at RO line / Qty. level.

A new activity **Manage Repair Quote** is added in **Repair Order** business component. Refer the below screen shots for more details. **Manage Repair Quote** screen can be used for recording / amending repair order quote. A new control "Quote Status" is added which specifies if quote is specified for some parts or all parts.

If Quote Status is displayed as

- Blank, then quote is not entered for any parts in the RO.
- 'Partial', then quote is provided for some parts in the RO.
- 'Complete', then quote is provided for all qty in the RO.

Exhibit 2: Identifies the new activity '**Manage Repair Quote**' screen

The screenshot displays the 'Manage Repair Quote' interface. At the top, it shows the Repair Order # (REP-000602-2016), Amend. # (0), RO Date (06-14-2016), Quote Status (Complete), and RO Status (Quoted). The interface is divided into several sections:

- RO Details:** Includes fields for Priority, Quote Basis (Manual), RO Category (CS-REPAIR), Exchange Type, Repair Classification, Shop Job Type, Expense Type (Revenue), RO Type (Normal), Core Return Option (No Change Allowed), and User Status (CMA Ex Offer).
- Repair Shop Details:** Includes Repair Shop # (00000), Repair Shop Name (Supplier 2), Currency (USD), Exchange Rate (0.70936000), Contact Person (Jim), and Price Held Firm Time (Days).
- Repair Cost Details:** Displays various cost components: Total Repair Cost (450.00), Total Exchange Cost (0.00), Total BER Cost (0.00), Total Salvage Cost (0.00), Total Cost (450.00), and Base Currency Value (319.50).
- Repair Quote Details:** A table showing the following data:

#	Line / Part #	Description	RO Qty	UOM	Quote Qty	Repair Cost	Exchange Cost	BER?	BER Cost	Salvage Value
1	1/0-00-21200-19927-1P6371	1300-L ADHESIVE	1.00	QT	1.00	150.00				
2	2/0-00-21200-19927-1P6371	1300-L ADHESIVE	1.00	QT	1.00	300.00				
3										
- Other Details:** Includes links for Record Material Cost, Upload Documents, Maintain Repair Shop Correspondence, View Repair Cost History, View Issue Details, View Invoice, Record Discrepancy Analysis, Edit TCD, Authorize RO, View Quotation History, View Associated Doc. Attachments, View Material Costs, Edit Terms and Conditions, Edit User defined Details, Generate RO Report, View Parameter Information, View Part Supply Chain Performance, and View TCD.

A yellow callout box points to the 'Quote Qty' column in the table, stating: "Partial Quote can be specified".

Some of the features / advantages of **Manage Repair Quote** screen are:

- It is also possible to provide the cost if the cost is different for some parts within the same line by splitting the qty.
For example, if Repair order is created for 10 qty of part P1 and the Repair Quote are received as \$ 1000 for 5 qty and \$ 1500 for the other 5 qty, then the RO line can be split and cost can be recorded separately. It is not required to add the cost as \$ 2500 for 10 qty which averages the cost of repair as \$ 250 per unit.
- By using the new screen, it is possible to specify partial Qty as 'BER by Operator'. It is also possible to

- specify some parts as 'BER by Operator' and some as 'BER by Repair Shop' within the same RO part #.
3. Provision to view the cost summary of the repair order in card format.
 4. Specify Labor Cost, Misc. Cost and Material Cost at Part level.
 5. Ability to Record Material Cost at Quote line # level.
 6. Provision to confirm RO in the same screen rather than moving to Confirm RO Screen.
 7. It is possible to view all amendments of RO Quote in the same screen.
 8. Provide the Delivery Date and Receiving / Invoice Notes. Delivery Date provides info on the planned delivery date after repair and Receiving / Invoice Notes provided is displayed while receiving or invoicing.
 9. If Claim Acceptance Status is set as 'Partially Accepted', then Claim Accepted On can be selected as 'Labor', 'Material', 'Partial' and 'Others'.

In **Authorize Repair Order** screen, a new control "Quote Status" is added and is hyperlinked. On clicking the hyperlinked Quote Status, the **Manage Repair Quote** will open in view mode without save buttons and editable links. Authorization will happen only for the parts which are in Confirmed Status.

Exhibit 3: Identifies the changes in **Authorize Repair Order** screen

The screenshot shows the 'Select Repair Order' interface. It includes a search bar with 'Primary Search Criteria' and 'Advanced Search Criteria' tabs. Below the search bar is a table of search results. A yellow callout points to the 'Quote Status' column in the results table, indicating that this field has been added.

#	Repair Order #	Repair Shop	Quote Status	Total Cost	Currency	Total Repair Cost	Total Exchange Cost	Total BER Cost
1	REP-000374-2016	Supplier 2	Partial	400.00	CAD	100.00	100.00	200.00
2								

A new activity **Help on Repair Order** is provided so that users can search for the Repair Order # based on the information provided. Search can be performed based on parameters like Repair Shop Name, RO Status, RO Date etc.

Exhibit 4: Identifies the **Help on Repair Order** screen

In Record Material Cost screen, Quote Line # / Part # and Quote Part Desc are added so that the Material Cost is recorded against the required part #. By using this screen, it is possible to record / amend the split up of material cost at the Quote line / Part # level.

Exhibit 5: Identifies the changes in '**Record Material Cost**' screen

In **View Quotation History** screen, provision is given to view quotation history at Line / Part # level. Also it is possible to view the split up of the total repair cost i.e, Repair Cost, Exchange Cost, Salvage Cost and BER Cost along with the Serial / Lot Information across various amendments.

Exhibit 6: Identifies the changes in **View Quotation History** screen

View Quotation History

Repair Order # REP-000465-2016 R/O Type Normal Status Confirmed
 Priority Repair Shop # 00000 Repair Shop A & R Tausgaulins, Inc.
 R/O Category CS-REPAIR User Status

Line / Part #

#	Quotation Ref #	Quotation Date	Quotation Type	Line / Part #	Currency	Total Cost	Exchange Cost	Est. Man Hours	Cost / Man Hr.	Labor Cost	Material
1	Q-1	2016-07-08	Firm	2/000012345	CAD	1000.00					
2	Q-2	2016-07-08	Firm	2/000012345	CAD	1100.00					
3	Q-1	2016-07-08	Firm	2/000012345	CAD	1000.00					
4	Q-2	2016-07-08	Firm	2/000012345	CAD	500.00					

In **View Repair Cost History** screen, provision is given to view Repair Cost History of part # in a specific repair shop or across repair shops. Also it is possible to view the split up of the total repair cost i.e, Repair Cost, Exchange Cost, Salvage Cost and BER Cost along with the Serial / Lot Information across various amendments.

Exhibit 7: Identifies the changes in **'View Repair Cost History'** screen

View Repair Cost History

Part # N1:54718 Repair Shop # 00001 Repair Shop 00001
 Part Description CONCENTRATION TESTER R/O Type Normal Priority
 R/O Dates From / To 11-07-2016 Search

#	Repair Shop #	Repair Shop	Repair Order #	Repair Cost	Exchange Cost	BER Cost	Salvage Value	Material Cost	Labor Cost
1	00001	00001	REP-000641-2016	1.00	100.00				
2	00001	00001	REP-000592-2016	1.00		160.000000000		100.00	

Ability to display Asset No., Asset Tag and Book Value in RO Quote tab

Reference: AHBG-8747

Background

As the case with any Operator, Cost of Repair and TAT are the key elements for any Repair. If the Quoted Repair Cost is more than the maximum permissible repair cost, then the part will be termed as Beyond Economic Repair (BER). In case of BER scenario for any capital asset parts, Book value of the Asset will help Repair Administrator to take BER decision.

Business need is to provide the facility to display the Asset ID, Asset Tag No, Book Value and Quote Line # in **Manage Repair Quote** screen.

Change Details

New columns 'Asset No.', 'Asset Tag', 'Book Value' and 'Quote Line #' are added in the **Manage Repair Quote** screen under the **Repair Order** business component.

Exhibit 1: Identifies the changes in **Manage Repair Quote** screen under **Repair Order** business component.

Manage Repair Quote

Repair Order # REP-000677-2017 Go Amend. # 2 RO Date 03/01/2017 Quote Status Complete RO Status Authorized

RO Details View Reference Doc. Details

Priority Shop Job Type Component
Quote Basis Manual Expense Type Revenue
RO Category CS-REPAIR RO Type Normal
Exchange Type Core Return Option P/N And S/N Change Allowed
Repair Classification User Status

Repair Shop Details

Repair Shop # 00000 Repair Shop Name Supplier 2
Currency EUR Exchange Rate 1.10000000
Contact Person JIM View Price Held For

Repair Cost Details

Total Repair Cost 350.00 Total Exchange Cost 0.00 Total BER Cost 0.00 Total Salvage Cost 0.00 Total Cost 350.00 Base Currency Value 385.00

Repair Quote Details Supplier, Part & Warranty Details

#	Line / Part #	Description	RO Qty	UOM	Quote Qty	Repair Cost	Exchange Cost	BER?	BER Cost	Salvage Value	Salvage Action	Serial #	Lot #	Asset No.	Asset Tag	Book Value
1	1/N1:54718	CONCENTRATION	1.00	EA	1.00	350.00						16239839092P149		ROTABLES-29	1	6000.
2																

Display of Asset No., Asset Tag No, Book Value and Quote Line #

WHAT'S NEW IN GOODS INWARD?

Ability to allow receipt of authorized Repair Order Quote - Qty

Reference: AHBG-512

Background

In aviation industry, MRO's send parts for external repairs very frequently. Parts can be sent individually or grouped and sent. However Repair Orders are created with multiple parts to reduce the processing cost and convenience. Also repair agencies provide repair quote as when it is inspected.

Currently in Ramco Aviation, there is no provision to record repair quote partially and can be entered only when quote for all the parts / quantities is received. This would also affect the delivery schedule as authorization and receipt as they can be performed only after providing the quote for all the parts. Business need is to provide an ability to receive the partial authorized qty in Repair Order.

Change Details

In **Manage Goods Receipt** screen, new controls 'Delivery Date' and 'Ref. Doc. Notes' are added in the 'Part details' tab to facilitate receipt of parts against the RO Quote line #. Existing column 'Unit Rate' will be used to display the unit repair cost. The Parts will be fetched in the Repair Receipt based on the number of Quote lines available in Repair Order.

For Example, if Repair order is created for 10 qty of part P1 (None controlled) and the Repair Quote is received as \$ 1000 for 5 qty and \$ 1500 for the other 5 qty, then the RO line will be split and cost can be recorded separately. On receiving the parts through Repair Receipt, two lines will be displayed in Part Details multiline with unit cost \$ 200 and \$ 300 respectively. If 5 qty is received with 3 @ \$200 and 2 @ \$ 300, then it can be entered in two different lines against the specified Unit Cost.

Exhibit 1: Identifies the changes in **Manage Goods Receipt** screen

The screenshot displays the 'Manage Goods Receipt' application window. The 'Part Details' tab is active, showing a table with columns: #, WAT, ZNS, ACT, HALZ, STK, ART, Received Part #, Pending Qty, Qty, UOM, Packaging Code, Unit Rate, Delivery Date, Ref. Doc. Notes, and Receipt Line #. A red box highlights the 'Delivery Date' and 'Ref. Doc. Notes' columns. A yellow callout bubble with the text 'New Columns Added' points to these columns. The table contains three data rows for part Z05CH6054030:MS880. The top row shows a unit rate of 100.00 CAD, and the bottom row shows a unit rate of 150.00 CAD. The 'Delivery Date' and 'Ref. Doc. Notes' columns are currently empty.

WHAT'S NEW IN STOCK STATUS CONVERSION?

Ability to manage stock status conversion along with ownership change across Suppliers

Reference: AHBG-10947

Background

In aviation industry, Long Term Leasing of parts and PBH agreements contribute to the Supplier Inventory. To meet the operational requirements, the Supplier Owned Parts, PBH Parts and Internal Owned Parts are frequently exchanged and consumed. Business need is to provide the ability to record Stock Conversion between Supplier Owned Part and Internal owned part, to facilitate tracking of the ownership conversions and parts consumption.

Change Details

To address the above business need, following changes are made under various business components:

- a. Two new set options are added under the Category 'Stock Conversion' in the **Set Inventory Process Parameters** activity of the **Logistics Common Master** business component, to control the conversion of Supplier Owned Part to Internal ownership.
 - 'Manual Ownership Conversion between Owned & Supplier Stocks' with the following options:
 - Allowed – System will allow setting 'Conversion Permitted' as 'Yes' between stock statuses with Ownership 'Supplier' and 'Internal' and vice versa in **User Defined Stock Status** business component.
 - Not Allowed – Conversion of Supplier owned parts to internal parts is not allowed.
 - 'Stock Conversion across Suppliers' with the following options:
 - Allowed – Facilitates setting of option 'Stock Conversion across suppliers' as 'Yes' in **Supplier** business component.
 - Not Allowed – Stock conversion across suppliers is not allowed.
- b. A new parameter 'Stock Conversion across Suppliers' is added under the Category 'Stock Conversion' in the **Manage Additional Options** screen of the **Supplier** business component, to facilitate stock conversion across suppliers.
- c. Conversion of Supplier owned stock status to Internal stock status and vice versa will be allowed based on the option 'Conversion Permitted?' set as 'Yes' in the **Status Mapping** screen of the **User Defined Stock Status** business component.



Note: If a loan order transaction is mapped to the stock status with Ownership 'Supplier', then stock status conversion between stock statuses with Ownership Supplier and Internal / Supplier is restricted.



Stock Conversion between supplier and internal stock as well as supplier and supplier stock will be allowed only if the Part's Expense Type is 'Capital'.

Exhibit 1: Identifies the option setting added in **Set Inventory Process Parameters** screen

Set Inventory Process Parameters

Date Format dd/mm/yyyy

Search Criteria: Category Stock Conversion

Search Results: 201 - 210 / 246

#	Category	Parameter	Permitted Value	Value
201	Stock Analysis - Replenishment	Default Replenishment # last modified by the login user	Enter '0' for 'No', '1' for 'Yes'	1
202	Stock Analysis - Replenishment	Default Replenishment level from Part Administration	Enter '0' for 'No', '1' for 'Yes'	1
203	Stock Analysis - Replenishment	Stock Replenishment Option	Enter '1' for 'Manage WH Planning Parameter', '2' for 'Compute Replenishment', '3' for 'Both'	3
204	Stock Conversion	Enforce additional Security to change Part Condition	Enter '0' for 'Not Required', '1' for 'Component', '2' for 'All Parts'	0
205	Stock Conversion	Enforce additional Security to change Stock Status	Enter '0' for 'Not Required', '1' for 'Required'	0
206	Stock Conversion	Manual Ownership Conversion between Owned & Customer Stocks	Enter '0' for 'Not Allowed', '1' for 'Allowed'	1
207	Stock Conversion	Manual Ownership Conversion between Owned & Supplier Stocks	Enter '0' for 'Not Allowed', '1' for 'Allowed'	0
208	Stock Conversion	Stock Conversion across Suppliers	Enter '0' for 'Not Allowed', '1' for 'Allowed'	0
209	Stock Correction	Authorization of Repair Receipt based Stock Correction generated in Draft status	Enter '0' for 'Manual', '1' for 'Automatic on attaining Fresh status'	1
210	Stock Correction	Authorization of Repair Receipt based Stock Correction generated in Draft status	Enter '0' for 'Non-mandatory', '1' for 'Mandatory'	0

Set Parameters

New parameters added under the Category 'Stock Conversion'

Exhibit 2: Identifies the option setting added in **Manage Additional Options** screen

Manage Additional Options

Supplier Info: Supplier # 00000, Supplier Name Supplier 2, Supplier Type Normal, Supplier Category 13_MANUFACTURER

Search Criteria: Category

Search Result: 1 - 3 / 3

#	Category	Parameter	Permitted Value	Status
1	EDI Capabilities	Ramco Standard RO File Download	Enter '0' for 'No', '1' for 'Yes'	Not Defined
2	Inventory Valuation	Requires Valuation?	Enter '0' for 'No', '1' for 'Yes'	Not Defined
3	Stock Conversion	Stock Conversion across Suppliers	Enter '0' for 'Not Allowed', '1' for 'Allowed'	Not Defined
4				

Save

New parameter added under the Category 'Stock Conversion' in Supplier

Exhibit 3: Identifies the option setting added in **Status Mapping** screen

Status Mapping

Stock Status: **Supplier** **Get Details**

Stock Status Description: **Supplier**

#	Stock Status	Conversion Permitted ?	Alternate?	Order Of Preference
1	Accepted	Yes	No	
2	Owned	No	No	
3	chandan staus	No	No	
4	Consignment for Exchange	No	No	
5	Consignment	No	No	
6	Customer Owned	No	No	
7	Customer Purchases	No	No	
8	customer-new	No	No	
9	DND Sells	No	No	
10	DND Stock At AVEOS	No	No	

Edit Status Mapping

Record Statistics

WHAT'S NEW IN STOCK RETURN?

Ability to search return documents for a specific date range i.e., created from and to date, in Edit and View Return screens

Reference: AHBG-7576

Background

During Aircraft / Component maintenance, Maintenance Supervisor / Mechanic would manually create a Return for Main Core as well as Excess Return upon completion of Job. Later Mechanic will collect all the parts available in the work center and move them to Warehouse in one instance. Processing of several return documents in one instance is cumbersome for the warehouse clerk. Processing can be simplified if the return documents are processed based on the Return creation date. Business need is to have a provision to search the return document based on Return creation Date in **Edit Return**, **Confirm Return** and **View Return** screens.

Change Details

In order to facilitate search of Return based on Return creation date, new editable fields "Return Date: From/To" is provided in Search Criteria section. If the value From Date and To Date is chosen and search button is clicked, then, system will retrieve those Stock Returns that are created during the Date range specified.

Similar changes are done in the following screens.

1. **Select Return** screen under **Edit Return** activity
2. **Select Return Document** screen under **View Return** activity
3. **Confirm Return** activity

Exhibit 1: Identifies the changes in **Select Return** screen under **Edit Return** activity

Select Return

Direct Entry | Edit Material Return

Search Criteria

Return #

Return Warehouse #

Ref. Document Type

Return Date: From/To 2017/01/16 2017/01/24

Part #

Ref. Document #

Return Basis

Mfr. Serial # / Serial #

Status

User Status

Trading Partner #

Ref. Doc. Location

Part Type

Search

Search Results

#	Return #	Return Type	Return Category	Status	User Status	Ref. Document Type	Ref. Document #	Trading Partner #
1	MRET-000099-2016	Maintenance		Fresh			1200058923	
2	MRET-000159-2017	Maintenance		Draft			1200073323	
3	MRET-000166-2017	Maintenance		Fresh			1200077823	
4	MRET-000167-2017	Maintenance		Draft			1200077923	
5	MRET-000168-2017	Maintenance		Draft			1200079423	
6	MRN-000001-0117	Maintenance		Fresh			CWO-008532-2014	
7	MRT-004391-2017	Maintenance		Fresh			XYZ-000448-2016	

WHAT'S NEW IN STOCK ANALYSIS?

Ability to delete replenishment definition from Manage Stock Replenishment

Reference: AHBG-6420

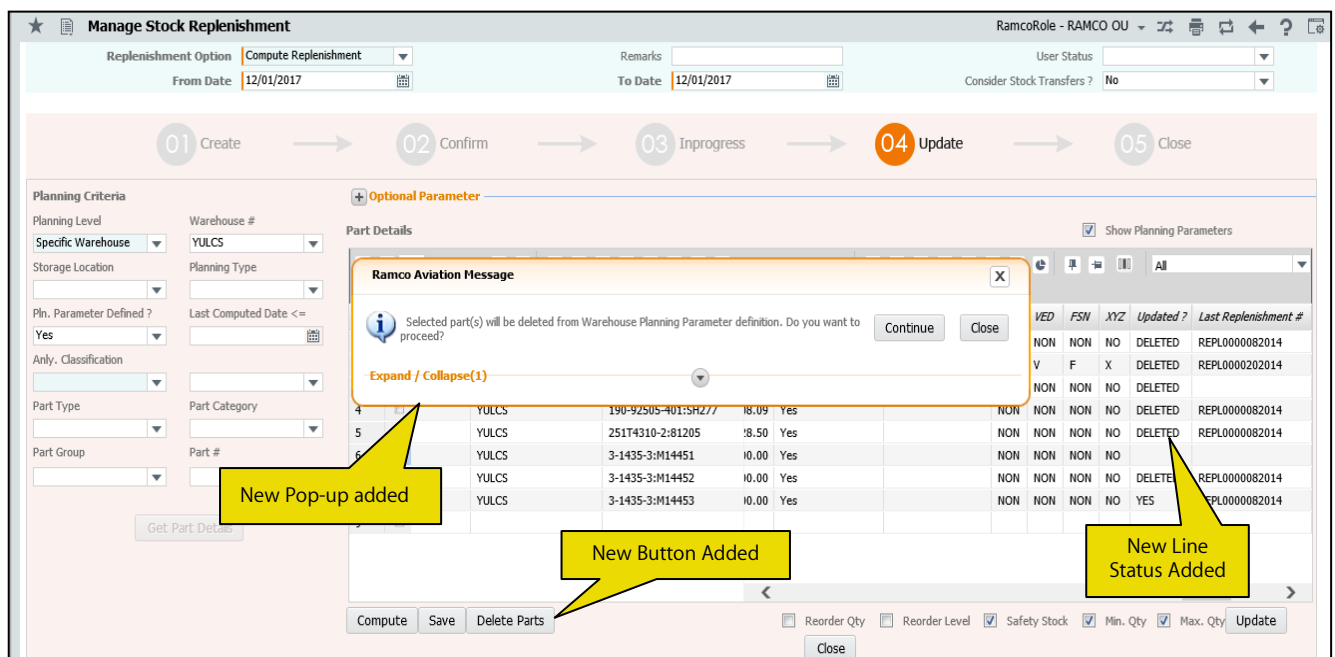
Background

Manage Stock Replenishment screen provides the ability to compute replenishment level of parts in a warehouse and / or update replenishment levels. As the part consumption pattern is not fixed in aviation industry, few parts could turn non-moving for which automatic replenishment definition is no more required. Business need is to provide an ability to delete replenishment definitions for such parts from **Manage Stock Replenishment** screen itself, as and when replenishment levels are calculated.

Change Details

A new button 'Delete Parts' is added in **Manage Stock Replenishment** screen to delete the replenishment definition of parts from Planning Parameters. 'Delete Parts' button will appear in the screen once the document attains 'Processed' status. On click of this button, a pop-up message will be displayed to notify the user to ensure if deletion of the parts from the warehouse planning parameters definition is required. On click of 'Continue', the replenishment definition for the selected parts will be deleted from Warehouse Planning Parameters. On click of 'Close', the pop-up will close without any action being performed. Once the replenishment definition is deleted from Warehouse Planning Parameters, the 'Updated?' flag in the multiline will get updated as 'Deleted' for the selected parts.

Exhibit 1: Identifies the button and pop up added in **Manage Stock Replenishment** screen



WHAT'S NEW IN LOAN ORDER AND RENTAL ORDER?

Provision to upload documents against Loan and Rental Orders

Reference: AHBG-6224

Background

In aviation industry, operators loan and rent components / engines quite frequently especially under AOG situations. It is quite obvious that there would be important documents such as Loan / Rental agreements, part certificates and many more associated with the Loan / Rental Orders. Currently in Ramco M&E, there is no provision to upload the documents against Loan/Rental Orders and to view the same. Business need is to provide an ability to upload relevant documents against the loan / rental orders and to view the uploaded documents.

Change Details

Two new links **Upload Documents** and **View Associated Doc. Attachments** have been added in the following screens to facilitate upload of documents and to view to the uploaded documents against the Loan / Rental orders.

- **Loan Order**
 - Create Loan Order
 - Edit Loan Order
 - Amend Loan Order
 - Close Loan Order
 - View Loan Order
- **Rental Order**
 - Create Rental Order
 - Edit Rental Order
 - Amend Rental Order
 - View Rental Order

Exhibit 1: Identifies links added in **Create Loan Order** screen

Create Loan Order

Additional Charges: CAD Order Value: 21400.00 CAD
Exchange Rate: 1.00000000 Base Currency Value: 21400.00 CAD

Calendar based Lease Charges **Parameter based Lease Charges**

#	From Calendar Period	To Calendar Period	UOM	Rate Per UOM	Charges per Unit as % of Part Base Cost	Charge
1	1.00	2.00	Months	200.00000000		
2	3.00	4.00	Months	500.00000000		
3						

Other Details

Employee #: 00041383 Employee Name: SENECHAL, DOMINIC
LO Detail 1: LO Option 1:

Document Attachment Details

File Name: View File

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](#)

Exhibit 2: Identifies links added in **Create Rental Order** screen

Create Rental Order

Rental Charges: 1850.00 CAD TCD Value: 0.00 CAD
Additional Charges: 100.00 CAD Total Rental Value: 1950.00 CAD
Exchange Rate: 1.00000000 Base Currency: CAD

Calendar based Lease Charges

#	From Period	To Period	UOM	Flat Rate / UOM	Percent of Rental Price / UOM	Lease Charges	Remarks
1	1	2	Months	250.00		500.00	
2	3	4	Months	500.00		1000.00	
3							

Parameter based Lease Charges

User Defined Details

User Defined Detail -1: User Defined Option -1:
Remarks:

Attachments

File Name: View File

Create Rental Order

[Edit Terms and Conditions](#) [Edit TCD Details](#) [Edit Penalty Charges](#)
[Edit Rental Order](#) [Authorize Rental Order](#) [View Consumption & Range Parameters](#)

[Upload Documents](#) [View Associated Doc. Attachments](#)

Ability to update Rental Order as Sale when customer buys the rented part

Reference: AHBG-5541

Background

In aviation industry, many times there are heavy lead times for procuring a part, or part might not be simply available for sale at that time. In such cases there is a need to rent a part. For renting a part, analysis of customer requirements is done and stock review is taken. Subsequently, rental charges are analyzed and rental order is set for processing. Finally the rental order is authorized and the part is issued for shipment.

Now, after using that part for some period of time, if the customer decides to buy it, and the renter agrees, currently Ramco M&E does not have a provision to facilitate conversion of rental order into a sale. This enhancement provides the ability to update a rental order into a sale when customer buys the rented part, thus enabling ease of selling rented part(s).

Change Details

In **Amend Rental Order** screen, 'Rental Order Type' will be loaded with a new value "Sale". Also a new editable control "Sale Value" will be provided.

Exhibit 1: Identifies the controls added in **Amend Rental Order** screen

The screenshot displays the 'Amend Rental Order' screen with the following details:

- Rental Order Details:**
 - Rental Order #: RO-000262-2016
 - Rental Order Date: 29-09-2016
 - Rental Order Type:** Sale (highlighted with a yellow callout: "New Editable control 'Sale Value' is added")
 - Customer #: Regular
 - Part #: Exchange
 - Priority: Sale (highlighted with a yellow callout: "New value sale is added")
 - User Status: [Dropdown]
- Customer Information:**
 - Customer Name: Customer
 - Contact Person: John Michael Emison, USA
 - Fax: [Field]
 - Address: 2450 SASKATCHEWAN AVENUE LINE 1, LOGISTI Mississauga L5P 1C2 ON CA
 - Phone: 514-422-7239
 - E-Mail: [Field]
- Part Information:**
 - Manufacturer Part #: N21F2-90-R-1
 - Component #: COMP-000068-2013
 - Serial #: 3E964D88-3
 - Part Control Type: Serial Controlled
 - Location: RAMCO OU
 - Order Quantity: 1.00 EA
 - Alternate Part #: [Field]
 - Manufacturer Name: [Field]
 - Condition: Serviceable
 - Lot #: [Field]
 - Part Type: Component
 - Warehouse #: 0123
 - Issued Quantity: [Field]
 - Part Description: FUEL PUMP
- Reference Details:**
 - Agreement #: [Field]
 - Offer #: [Field]

Hence, if there is a need for selling a rented part, one has to visit the **Amend Rental Order** screen to amend the document in Shipped status. Rental order type has to be selected as 'Sale' and 'Sale Value' is to be entered which is the amount for which the part is to be sold.

On Authorization of Rental Order, the Status will be updated as 'Closed' and a direct invoice (Misc. Invoice) needs to be created for the Sale Value to Bill the Customer. Similarly in **View Rental Order** screen, if the rental

order is converted into a sale, then rental order type will be displayed with 'Sale' and the sale value entered will also be displayed.

Exhibit 1: Identifies the controls added in **View Rental Order** screen

The screenshot shows the 'View Rental Order' screen with the following sections and data:

- Rental Order Details:**
 - Rental Order # RO-000261-2016
 - Rental Order Date 27-09-2016
 - Rental Order Type Sale
 - Customer # 400007
 - Part # N21F2-90-R-1
 - Priority
 - User Status
- Customer Information:**
 - Customer Name Customer
 - Contact Person John Michael Emison, USA
 - Fax
 - Address 2450 SASKATCHEWAN AVENUE LINE 1, LOGISTI Mississauga L5P 1C2 ON CA
 - Phone 514-422-7239
 - E-Mail
- Part Information:**
 - Manufacturer Part # N21F2-90-R-1
 - Component # COMP85
 - Serial # 71A1736F-7
 - Part Control Type Serial Controlled
 - Location RAMCO OU
 - Order Quantity 1.00
 - Alternate Part #
 - Manufacturer Name
 - Condition Serviceable
 - Lot #
 - Part Type Component
 - Warehouse# YULCS
 - Stock UOM EA
 - Part Description
- Reference Details:**
 - Agreement #
 - Offer #
- Amendment # 2** (dropdown menu)
- Get Details** (button)
- Status Released**
- Sale Value 10000.00**
- Order Currency CAD**
- Part Description FUEL PUMP**
- Aircraft Reg #**
- Category**

Annotations in the image:

- A yellow box labeled "New value sale is added" points to the 'Rental Order Type' field, which now displays 'Sale'.
- A yellow box labeled "New Display Only control 'Sale Value' is added" points to the 'Sale Value' field, which now displays '10000.00'.

New Account Code for recording Rental order as Sales:

New predefined usage "COGS-RS" is introduced to handle Cost of Goods Sold (COGS) account postings for conversion of Rental orders to Sale. Account code has to be mapped against predefined usage "COGS-RS" in **Create Additional Account Definition** screen (Book Keeping → Account Rule Definition → Create Additional Account Definition). This account code should be in Base Currency.

Rental to Sales – Accounting Event:

The account posting for the conversion of Rental Order to Sale will happen during authorization of the Rental Order amendment, converting it to Sale. The below mentioned postings will occur at issue cost:

Account Code	Dr/Cr	Amount
COGS-RS account	Dr	(Issue Cost)
Rental Suspense account	Cr	(Issue Cost)

WHAT'S NEW IN CYCLE COUNT?

Ability to manage Cycle Count for a specific set of bins

Reference: AHBG-8303

Background

A normal warehouse consists of various zones and in a zone, there are multiple bins. When it comes to Cycle Counting, counting all the bins at one go is practically not feasible. Previously in Ramco M & E, Cycle count Plan could be created at Warehouse Level / Warehouse – Zone Level.

Business Need is to have a provision to create Cycle Count Plans at Bin level and inherit the same to Cycle Count Sheet.

Change Details

A new value 'Warehouse-Zone-Bin' has been added in 'CC Plan Level' drop-down list box in **Create CC Plan** and **Edit CC Plan** screens. The Count Interval Details section is moved into tab 'Count Interval Details' and a new tab 'Associate Bins' is added in **Create CC Plan**, **Edit CC Plan** and **View CC Plan** screens. User can associate the bins which should be considered for cycle counting by entering / modifying the bins in **Create CC Plan** and **Edit CC Plan** screens. In addition, new controls 'Part Classification', 'Expense Type' and a check box 'Include Capital Parts' has been added in 'Planning Options' section in **Create CC Plan** and **Edit CC Plan** screens to enhance the planning dimension for cycle count. If the 'Include Capital Parts' check box is checked, the Capital Parts that satisfy the other planning criteria will be included, irrespective of the From Value and To Value entered (if available).

In **Edit CC Plan** screen, under 'Planning Option section', following changes are made to enable the user to modify the planning option.

- The display only control 'Part Selection Mode' has been changed as drop-down control
- 'Sample Size' has been changed to edit control
- 'From Value' and 'To Value' have been changed to edit control
- 'Ownership' has been changed to a drop-down control
- 'Trading Partner #' is changed to edit with help control
- 'Last Cycle Count Date <=' to date control

Associate Parts logic has been changed to consider only those parts available in the selected bin when the CC Plan is created at Warehouse-Zone-Bin level.

During confirmation of a Cycle Count Sheet, the freezing logic is modified to freeze the Parts involved in counting only for the selected warehouse-zone-bin combination when the CC Plan is created at Warehouse-Zone-Bin level. A new control 'Bin #' is added in the search criteria to retrieve the Warehouses in which the storage area is frozen for transactions due to confirmation of the CC Sheets and additionally the logic has been modified to unfreeze the parts from the associated bins.

Exhibit 1: Identifies the controls added in **Create CC Plan** screen

Create Cycle Count Plan

Plan Details

CC Plan # [] Plan Description CC Plan for 30 days

Planned Start Date 24/02/2017 Plan Category []

Planned by 00001413 Plan Group []

CC Plan Level Warehouse Warehouse# 0123

Planning Options

Part Selection Mode Random Sample Size []

Part Type [] Part Category []

Part Classification [] Ownership []

Expense Type Revenue Last Cycle Count Date <= []

From Value [] To Value []

Numbering Type CCP Status Draft

User Status [] WH - Zone # 01

Class [] Part Group []

Trading Partner # []

☐ Automatically associate New Parts

☐ Include Capital Parts

Count Interval Details **Associate Bins**

#	Bin #	Bin Description	Last Counted On	Last Count Sheet #
1	01			
2	012			
3	013			
4	014			
5	015			

Callouts:

- Controls re-aligned into 3 column format
- New tab 'Associate Bins' added
- Planning Options 'Part Classification', 'Expense Type' and 'Include Capital Parts' are added

Exhibit 2: Identifies the controls added in **Edit CC Plan** screen

Edit Cycle Count Plan

Plan Details

CC Plan # CCP-000155-2016 Plan Description Plan CC at WH YU-90-1-1

Planned Start Date 30/01/2017 Plan Category []

Planned by 00001413 Plan Group []

CC Plan Level Warehouse-Zone Warehouse# YU-90-1-1 CYCLE COUNTING

Planning Options

Part Selection Mode Manual Sample Size []

Part Type [] Part Category []

Part Classification [] Ownership []

Expense Type Revenue Last Cycle Count Date <= []

From Value [] To Value []

Class A

Part Group []

Trading Partner # []

☐ Automatically associate New Parts

☐ Include Capital Parts

Count Interval Details **Associate Bins**

#	Bin #	Bin Description	Last Counted On	Last Count Sheet #
1	YU			
2				

Callouts:

- Controls re-aligned into 3 column format
- New tab 'Associate Bins' added
- Planning Options 'Part Classification', 'Expense Type' and 'Include Capital Parts' are added

Exhibit 3: Identifies the controls added in **View CC Plan** screen

View Cycle Count Plan

Plan Details

CC Plan # CCP-000161-2017 Plan Description CC at Warehouse-Zone-Bin Level

Planned Start Date 24/02/2017 Planned by 00001413

CC Plan Level Warehouse-Zone-Bin Warehouse# QA TEST QA TEST

Part Selection Mode Ownership

From Value [] Trading Partner # []

To Value []

Status Draft

User Status []

WH - Zone # 01

Last Cycle Count Date <= []

☐ Automatically associate New Parts

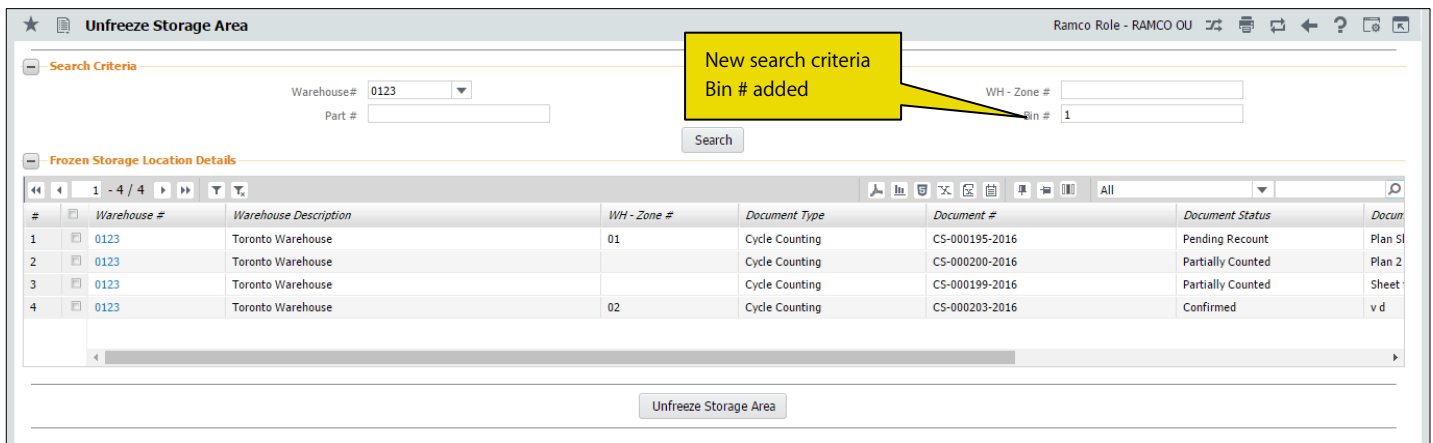
☐ Include Capital Parts

Count Interval Details **Associated Bins**

#	Bin #	Bin Description	Last Counted On	Last Count Sheet #
1	1	1		CCS-000247-2016
2	2	2		CCS-000247-2016
3	3	3		CCS-000247-2016

Callouts:

- New tab 'Associate Bins' added
- Display only control 'Include Capital parts' added and lay-out changed to 3 column format

Exhibit 4: Identifies the controls added in **Unfreeze Storage Area** screen

Unfreeze Storage Area

Ramco Role - RAMCO OU

Search Criteria

Warehouse# 0123
Part #
Bin # 1

Search

Frozen Storage Location Details

#	Warehouse #	Warehouse Description	WH - Zone #	Document Type	Document #	Document Status	Docum
1	0123	Toronto Warehouse	01	Cycle Counting	CS-000195-2016	Pending Recount	Plan S
2	0123	Toronto Warehouse		Cycle Counting	CS-000200-2016	Partially Counted	Plan 2
3	0123	Toronto Warehouse		Cycle Counting	CS-000199-2016	Partially Counted	Sheet
4	0123	Toronto Warehouse	02	Cycle Counting	CS-000203-2016	Confirmed	v d

Unfreeze Storage Area



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

WHAT'S NEW IN STOCK MAINTENANCE?

Ability to view files attached against a Part-Serial/Lot # received externally

Reference: AHBG-8972

Background

Goods receipt is the basis for all warehouse activities. Always a part received from external sources i.e. vendor or customer, is accompanied by the Part certificates, which can be associated to the Part-Serial/Lot #s received using the File Name in the **Goods Inward** and **Loan / Rental Receipt** screens. There could be various business reasons for which Part Certificate History could be reviewed.

This enhancement provides the ability to view the Certificates attached against the Part-Serial/Lot # received externally in the **Inquire Part Certificate History** screen.

Change Details

A new display only column 'File Name' is added in the **Certificate Details** multiline and a link 'View File' is added below the multiline in **Inquire Part Certificate History** screen. If the Ref. Document Type is 'Regular Purchase' or 'Repair Receipt' or 'Customer Goods Receipt', the File Name provided in the Inspection Details or the Serial/Lot details in the corresponding receipt document for the Part-Serial/Lot # will be displayed in the new column. If the Ref. Document Type is 'Loan/Rental Receipt', the file name will be retrieved from the corresponding Loan / Rental Receipt document.

Exhibit 1: Identifies the controls added in Inquire Part Certificate History

The screenshot shows the 'Inquire Part Certificate History' screen. At the top, there are search criteria fields: Part # (0-0440-4-0001:36361 PO Test), Certificate Type, Certificate Details, Certificate Status (Active), Serial # / Lot #, Certificate Date: From / To, Ref. Document # (Goods Receipt), and Stocking Warehouse #. A 'Search' button is located below these fields.

Below the search criteria is the 'Certificate Details' section, which contains a table with the following columns: #, Part #, Serial #, Lot #, Certificate Type, Certificate #, Certificate Date, Ref. Document Type, File Name, and Certificate Supplier #. The table contains one row with the following data: 1, 0-0440-4-0001:36361 PO TEST, p0440, ABCD, 110, 13/01/2017, Goods Receipt, 001.pdf, and Certificate Supplier #.

At the bottom left of the screen, there is a 'View File' link. A yellow callout box points to this link with the text 'New link added'. Another yellow callout box points to the 'File Name' column header with the text 'New file added'.

WHAT'S NEW IN COLLABORATOR?

Usability Improvements

Reference: AHBG-300

Background

This enhancement enhances the usability of the **Collaborator** function, by addressing the following needs.

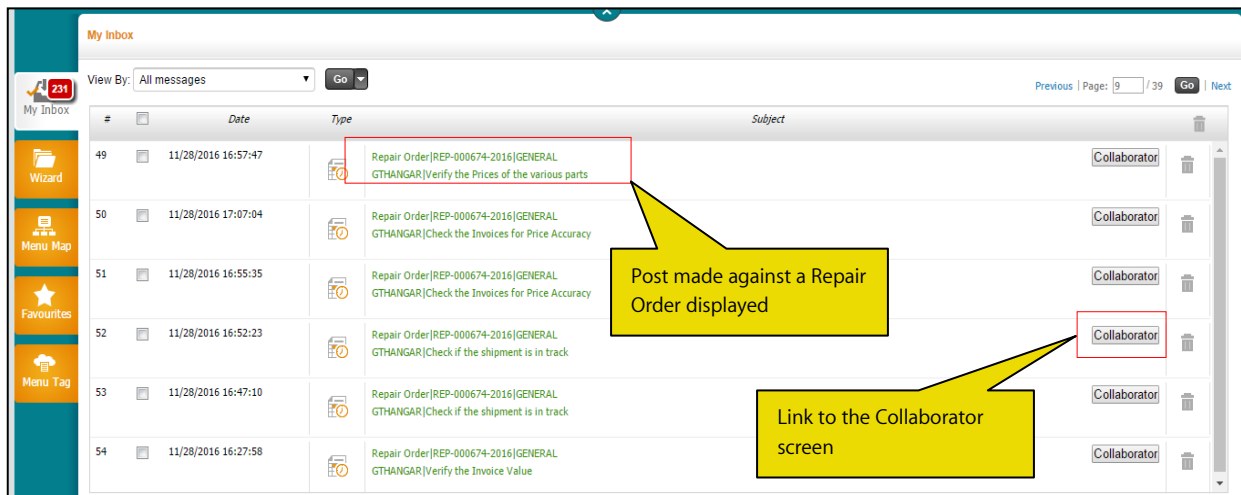
- Display of the Collaborator Posts in the Inbox of the Recipient with whom the post is shared. Currently, the recipient needs to launch the transaction screen to view the posts shared.
- Mark the Closure of the actionable posts made in Collaborator. Currently, though the required action is taken against an actionable post shared in collaborator, the post cannot be closed.
- Prevent sharing of the posts with users external to the organization. Currently, Collaborator posts shared with 'Everyone' or 'Specific Role' are shared even to the users who are mapped to the Customer record, though they are external to the organization.
- Restrict addition of new post / modification of an existing post and reply to the existing posts based on the document status. Currently, posts can be made in Collaborator against a document irrespective of its status.
- Visibility of Collaborator icon along with the caption in Smart Bar and Smart Bar enhancement to show the Smart Action screen. In the current state, smart bar will display only an icon to denote Collaborator screen. Also, the Smart Bar does not show the Smart Action screen which is also a general screen similar to Collaborator.

Change Details

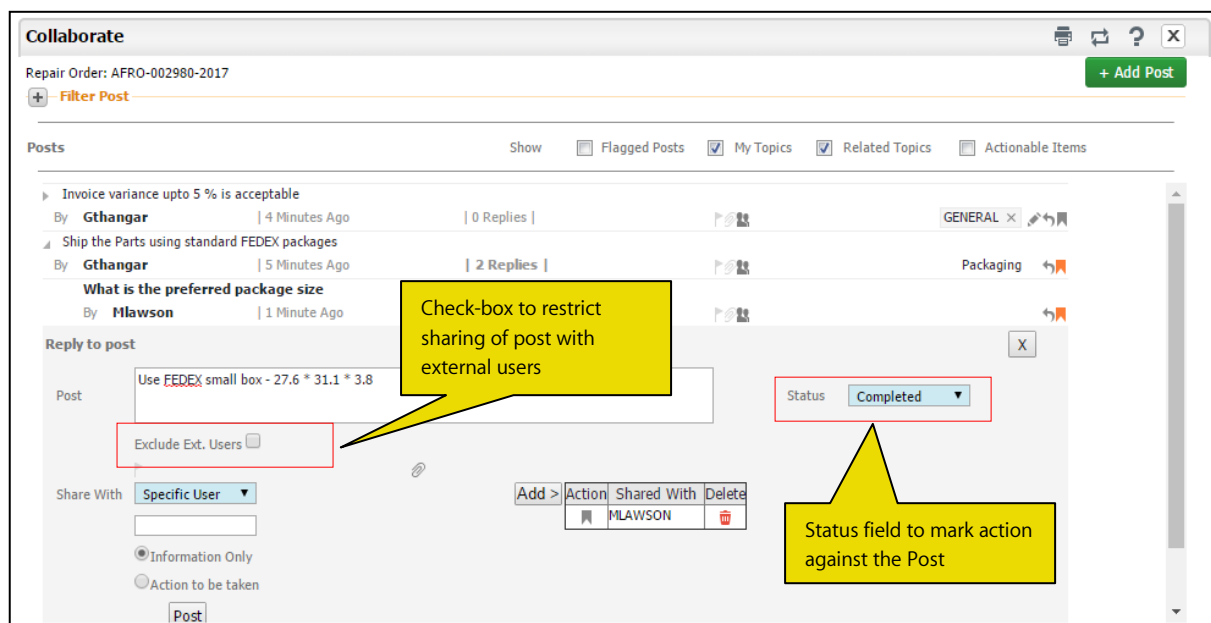
Whenever a post is made in the Collaborator screen, it shall be displayed as the 'Subject' in the following format for the recipient users in their inbox.

Document Type | Document # | Topic of the Post
Post Initiated by | Post

Also, there will be link to the Collaborator screen from the inbox using which the collaborator screen can be accessed. If the post is flagged, the subject will have an indication for it. Actionable / Information only posts can be distinguished using the icon displayed in the 'Type' column. Availability of attachments will also be indicated using the 'Type' column.

Exhibit 1: Display of Posts from Collaborator in the Inbox

In the reply section of the collaborator screen, a drop-down list box 'Status' is added. This drop-down list box will be visible only if the reply is initiated against an actionable post. The drop-down list box will be loaded with the values 'In-progress' and 'Completed'. If the action required against the initiating post is completed, select the value as "Completed" and reply. The color of the icon indicating the actionable post will turn from orange to green, if the action is completed. Also, the reply against which the action was marked as completed will be showing the green icon.

Exhibit 2: Display of Reply section for an actionable Post

A check-box 'Exclude Ext. Users' is added in the New Post section and in the reply section of the Collaborator screen below the post box to restrict sharing of the post to external users. If a post is shared with 'All Users' or 'Specific Role' with this check-box checked, then the post will be shared only with the users who are not mapped to customer record in the **Customer** business component.

A Back-end script has been provided to facilitate the definition of the various statuses for a given document type for which new post/reply should be restricted in the Collaborator. On need basis, this script can be prepared to accommodate the different statuses that need to be included for restriction. Based on this script, validation will be thrown on addition of new post and the reply button will be disabled for replying against existing posts.

The Smart bar visibility has been enhanced to show the Smart Actions in the screens: **Confirm Issue**, **Confirm Direct / Unplanned Issue**, and **Confirm Return**. Also, the Collaborator icon shall be displayed with the caption.

Exhibit 3: Display of Smart Bar with the Smart Action option in **Confirm Issue** screen

The screenshot shows the 'Confirm Issue' screen. The top right corner features a 'Smart Action' button, highlighted by a yellow callout box with the text 'Smart Bar with the Smart Action option'. The screen is divided into 'Search Criteria' and 'Search Results' sections. The 'Search Results' section displays a table of maintenance issues.

#	Issue #	Issue Date	Issue Type	Warehouse Description	Ref. Document Type	Ref. Document #	Remarks
1	MIS-000133...	01/04/2012	Maintenance Issue	Ben Main warehouse	Maint Material Request	SHMR-000045-2011	
2	MIS-000134...	01/04/2012	Maintenance Issue	Ben Main warehouse	Maint Material Request	SHMR-000045-2011	
3	MIS-000150...	10/15/2015	Maintenance Issue	Main Sales Location	Maint Material Request	MR-000052-2012	
4	MIS-000151...	01/07/2012	Maintenance Issue	Main Sales Location	Maint Material Request	MR-000052-2012	
5	MIS-000174...	01/09/2012	Maintenance Issue	Ben Main warehouse	Maint Material Request	SHMR-000223-2012	
6	MIS-000179...	01/09/2012	Maintenance Issue	YUL CSC Store front warehouse SV	Maint Material Request	SHMR-000232-2012	
7	MIS-000469...	02/14/2012	Maintenance Issue	Ben Main warehouse	Maint Material Request	SHMR-000616-2012	
8	MIS-000475...	02/14/2012	Maintenance Issue	Ben Main warehouse	Maint Material Request	SHMR-000621-2012	
9	MIS-000709...	02/22/2012	Maintenance Issue	Ben Main warehouse	Maint Material Request	SHMR-000910-2012	
10	MIS-000724...	02/22/2012	Maintenance Issue	Ben Main warehouse	Maint Material Request	SHMR-000944-2012	

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