

RAMCO AVIATION SOLUTION

ENHANCEMENT NOTIFICATION

Version 5.9.1

Materials

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WHAT'S THE NEW TRADE MANAGEMENT HUB?

Ability to retrieve Export Orders in Trade Compliance Hub and generate Internal Authorization

Reference: APRP-719

Background & Concept

➤ In order to track and control the export control process three main activities need to be included:

1. Maintain Part Classification data
2. Maintaining Licenses for the Exports
3. Manage Authorization of each exports

This would facilitate in having the definition of the Classification/Licenses and manage the authorization of orders within the system to ensure Exports are done within the License quantity.

- Each part can be identified, the restrictions (E.g.- ITAR) and license requirements can be updated.
- Identification of Classification type (Quick Code) under which the item is tracked. Example: ECCN/USML (USA), BATFE, SCOMET, etc.
- Identification of Import/Export Ref. Codes. Example: HSN/Schedule B Code (USA).
- Addl. Information like ECCN/USML Tech. Data/Classification notes/etc. can be maintained and History of notes can be reviewed.
- Commercial Invoice value can be defined for a combination of Part-Export from Country-Export to Country-Condition.
- Identification of the Legal Regulation who issued the License, can be managed from maintain external licences, licence types and validity can also be managed.
- Identification of the Authorized and Balanced Qty/Value for which the License can be obtained.
- Default Restriction Code will be applied on the documents if Export Information/License/Authorization is not available.
- Default Restriction Code that will be applied on Supplier/Customer/Partner Functions and Documents linked with them based on Screening API Call.
- If the License is Not Available for the Qty. ordered or is expired or the Part Classification data is not available, Order will be kept on hold, using the Restriction framework.

The hub can be used is to retrieve and display the Export Held Orders for the Parts in Hub

Orders which need Export Authorization, Export Licenses and Trade Compliance Data related to the Part will be available in the Trade Compliance Hub.

Shipping of the parts will be generated once the missing details are provided and followed by the Commercial Invoice, and also the orders would be auto-removed from the hub after all the relevant details are provided.

Auto Restriction/ Auto Removal of Documents from Trade Restriction,

On Approval/Authorization/ Confirmation of Documents, three events will be triggered, if the Doc. comes under Trade Restriction:

1. Entry in Manage Part and Trade Restrictions screen,
2. Entry in Trade Compliance Hub
3. Collaborator-Inbox Notifications to the selected users at Auto Restriction/ Removal of Doc. From Trade Restrictions

Change Details

1. A new UI **Trade Compliance Hub** is added in the activity **Trade Compliance Hub** under the business component **Trade Compliance Management**.
2. The documents would be grouped into 3 tiles based on the current stage into:
 - Pending Exp. Auth.
 - Pending Exp. License
 - Pending Trd. Comp. Data

The orders would be placed in one of the tiles depending on the details updated against the part, once all the relevant license details and authorization details are updated, the orders would not appear in the hub, following which shipping and commercial invoice activities can be carried out

Exhibit 1: Pending Exp. Auth. Tile

The screenshot displays the 'Trade Compliance Hub' interface. At the top, there are three tiles: 'Pend. Exp. Auth.' (20), 'Pend. Exp. License' (25), and 'Pend. Trd. Comp. Data' (15). The 'Pend. Exp. Auth.' tile is highlighted with a yellow callout box labeled 'Tile 1: Pend Exp. Auth.'. Below the tiles is a table titled 'Trade Compliance Details' with columns: Export Auth., Ref. Doc #, Ref. Doc Type, Part #, Part Description, ITAR Restriction, Line #, Qty., UOM, Country of Destination, External License #, Authorise Qty., Expiry Date, Trading Partner #, and Trading Partner Name. The table contains 10 rows of data. A yellow callout box points to a 'Link to update Part Trade Compliance' button located at the bottom right of the table area. At the bottom of the interface, there is a 'Gen. Export Auth.' button and a 'Quick Links' dropdown menu with 'Maintain Trade Compliance Classification' selected.

View the Orders on Hold due to non-availability of Trade Compliance Classification details:

Retrieval of orders for Pend. Exp. Auth. is based on:

- If the Part # and Ref. Doc # does not have the Export Authorization #, then retrieve the Orders under the "Pend. Exp. Auth." tile.
- If the Part # and Ref. Doc # combo does have the Export authorization #, then check for the Status of the Export Authorization. If the Export Authorization is in Fresh Status, then that order need to be retrieved under "Pend. Exp. Auth." tile.

- If the Part # and Ref. Doc # showing Multiple License #'s and Expiry date is lesser than Current date, then that order need to be retrieved under "Pend. Exp. Auth." tile.

Launch link to update Part Trade Compliance Classification details. Access to the link can be restricted based on login user

Exhibit 2: Pend. Exp. License

The screenshot shows the 'Trade Compliance Hub' interface. At the top, there are three navigation tiles: 'Pend. Exp. Auth.' (20), 'Pend. Exp. License' (25), and 'Pend. Trd. Comp. Data' (15). The 'Pend. Exp. License' tile is highlighted. Below the tiles is a table titled 'Trade Compliance Details' with columns: External License?, Ref. Doc #, Ref. Doc Type, Part #, Part Description, ITAR Restriction?, Line #, Qty., Country of Destination, External License #, Authorize Qty., Expiry Date, Balance Qty., Trading Partner #, and Trading Partner Name. The table contains 9 rows of data. A red box highlights the 'External License #', 'Authorize Qty.', and 'Expiry Date' columns. A yellow callout points to the 'Pend. Exp. License' tile. Another yellow callout points to the highlighted columns. A third yellow callout points to a 'Quick Links' dropdown menu at the bottom right, which has 'Maintain External License' selected.

View the Orders on Hold due to non-availability of External License

Retrieval of orders for Pend. Exp. License is based on;

- If the Parts Mentioned in the Orders does not have defined values for the Combination of Export from Country, Export to Country and Part #, then that Orders need to be fetched under the "Pend. Exp. Licenses".
- If the Quantity mentioned in the Orders which having More Quantity than the Balance Qty, then these Orders need to be retrieved under the "Pend. Exp. License" Tile (Only if the Order UOM and Authorized Qty UOM are same.)
- If the Order UOM and Authorized UOM varies for the Ref.Doc. but the conversion available for the UOM, convert the Quantities based on the defined Conversion, then check the Balance Qty. If the Balance Qty lesser than the Order Qty, then that Orders need to be retrieved under the "Pend. Exp. Licenses" Tile.
- If the Order Value mentioned in the Orders which having Higher Value than the Balance Value, then that Orders need to be retrieved under the "Pend. Exp. License" Tile.
- Licenses that are expired and the ones with no Balance Qty/Value will also be displayed

Exhibit 3: Pend. Trade Comp. Data

The screenshot shows the Trade Compliance Hub interface. At the top, there are three navigation tiles: 'Pend. Exp. Auth.' with a count of 20, 'Pend. Exp. License' with a count of 25, and 'Pend. Trd. Comp. Data' with a count of 15. A yellow callout box points to the 'Pend. Trd. Comp. Data' tile with the text 'Tile 3: Pend. Trade Comp. Data'. Below the tiles is a table titled 'Trade Compliance Details' with columns: Trade Compliance, Ref. Doc #, Ref. Doc Type, Part #, Part Description, ITAR Restriction?, Line #, Qty, Country of Destination, Last Pur. Cost, Last Sale Cost, Last Rep. Cost, Last Comm. Inv. Value, Trading Partner #, and Trading Partner Name. The table lists 9 rows of data for various parts like Pintle Injector, Swirl Injector, Chevron Nozzle, etc., all with a status of 'Trade Compliance' and a red 'x' icon. At the bottom right, there is a 'Quick Links' section with a dropdown menu set to 'Maintain Trade Compliance Classification' and a timer showing '30 Minute(s) 6:30 PM'.

Retrieval of orders for Pend. Trd. Comp. Data is based on:

If the Parts mentioned in the Orders does not have Trade Compliance details in the Maintain Trade Compliance Information, these orders need to be fetched under the "Pend. Trad. Comp. Data" Tile.

Exhibit 4: Export Order Search Screen

The screenshot shows the Trade Compliance Hub interface for the 'Export Order Search Screen'. At the top, there is a search bar with the text 'License # / Part # / Description / Mfr. Part # / Mfr. # / Mfr. Country / Strip Part #'. To the right of the search bar are checkboxes for 'Held Orders' and a 'Search' button, along with an 'Advanced Search' link. Below the search bar is a table titled 'Trade Compliance Details' with columns: Ref. Doc #, Ref. Doc Type, Part #, Part Description, ITAR Restriction?, Line #, Qty, Country of Destination, External License #, Authorize Qty, Expiry Date, Export Auth., Comp. Ref. Code, Exp. Ref. Code, Trading Partner #, and Trading Partner Name. The table lists 6 rows of data for various parts like Pintle Injector, Swirl Injector, Chevron Nozzle, etc., with different status icons (red 'x', purple square, green square) and external license numbers. At the bottom left, there is a legend with four items: 'Trade Comp. Data Required' (red square), 'Export License Required' (purple square), 'Export Auth. Required' (yellow square), and 'Export Auth. Available' (green square). At the bottom right, there is a 'Quick Links' section with a dropdown menu set to 'Maintain Trade Compliance Classification' and a timer showing '30 Minute(s) 6:30 PM'.

- a. Retrieve the parts that match the entered search criteria.
Part #, Part Description, Mfr. Part #, Mfr. #, Strip Part # and Key code fields.
- b. Retrieve the Orders which are all in held due to the non-availability of details related to Trade Compliance information, External Licenses and Export Authorization.
- c. If the 'Parts in Held Orders' is selected, retrieve the Parts which are restricted with the Restriction Codes "Export Comp. Hold" as defined in the Manage Part Restrictions screen

Exhibit 5: Option settings for governing Trade Compliance Management

The screenshot shows the 'Set Inventory Process Parameters' window with the 'Category' set to 'Trade Restriction'. The table below represents the data shown in the 'Search Results' section of the application.

Category	Parameter	Permitted Value	Value
Trade Compliance	Trade Restrictions to be applied on Export Transactions	0' for Customer Order, '1' for Part Sale Order, '2' for Purchase Order, '3' for Repair Order, '4' for 'Stock Transfer'	0,1,2,3,4
Trade Compliance	Part Trade Attributes mandatory for Export Transactions	0' for No, '1' for Yes	1
Trade Compliance	External License # mandatory for Export Transactions	0' for No, '1' for Yes	1
Trade Compliance	Export Authorization# mandatory for Export Transactions	0' for No, '1' for Yes	1
Trade Compliance	Restriction Code to manage Trading Restrictions	Valid Stock Restriction Code	Trading Restriction
Trade Compliance	Auto Generate Export Authorization #	0' for Required, '1' for ' Not Required'	1

Default Restriction Code that will be applied on the documents if Export Information/License/Authorization is not available.

Default Restriction Code that will be applied on Supplier/Customer/Partner Functions and Documents linked with them based on Screening API Call.

License Types for which the Export Authorization needs to be automatically generated, can also be defined based on option setting.

WHAT'S NEW IN PART ADMINISTRATION?

Ability to maintain master data for managing Trade Compliance - Part Data & Licenses

Reference: APRP-721

Background

There is certain key information that is required to be maintained in order to export certain items. This includes the classification details such as HS Code, HSC Code, ECCN Code, etc. This information are identified and maintained in the Additional Information for Part. There is no downstream impact managed during the export using this information. Hence there arises the need to identify this classification information and also identify the license requirements for export of an item.

Organizations that export controlled items, including arms and ammunitions, need to obtain licenses from the regulatory bodies in order to export the items. In general, the regulatory bodies issue licenses for a Part to be exported from one country to another country, thereby making license numbers unique for a Part # - Export from Country – Export to Country combination. In general, the licenses are issued for a certain quantity, beyond which the exports made will not be allowed from the country.

In order to meet the above business requirements, new screens are introduced in **Part Administration** business component, to identify the classification information and license requirements for export of controlled items. This ensures that the Parts that require export licenses have required information recorded before being shipped out of an organization and export transactions could be validated only if the required details are available.

Change Details

Maintaining Part Trade Compliance Information

1. A new activity and a new screen **Maintain Trade Compliance Information** is added in the **Part Administration** business component to capture the key codes of the Export/Import of a Part such as ITAR/ECCN/Schedule B/HTS and Notes associated to their information.
2. The modification of the Notes can be reviewed using the History pop-up newly developed for the Trade Compliance Notes (Classification Notes/Technical Notes) tracking.
3. A new Quick code for the "Compliance Code Type" is added in the **Create Quick Codes** activity in the **Part Administration** component.
4. In order to identify the Default Commercial Invoice value for the Part, the screen shows the reference values such as Last Purchase/Repair/Sale Price, identified and maintained using a scheduler.
5. **Upload Documents** and **View Associated Doc. Attachments** links are added to maintain the documents against the Part #.

- 6. Dynamic Labelling for the columns like Comp. Code Type, Comp. Ref. #, Addl. Ref. #, Import Ref. Code-1, Import Ref. Code-2, Export Ref. Code-1, Export Ref. Code-2, Regulation Restriction-1, Regulation Restriction-2 is handled based on the Set Options and same will be displayed as Caption in the **Maintain Trade Compliance Information** screen.

	Parameter	Permitted Values
1	Export Code applicable for Trade Compliance Information(Export Ref. Code-1)	Valid User Defined Caption Name
2	Export Code applicable for Trade Compliance Information(Export Ref. Code-2)	Valid User Defined Caption Name
3	Import Code applicable for Trade Compliance Information(Import Ref. Code-1)	Valid User Defined Caption Name
4	Import Code applicable for Trade Compliance Information(Import Ref. Code-2)	Valid User Defined Caption Name
5	Compliance Code applicable for Trade Compliance Information(Comp. Code Type)	Valid User Defined Caption Name
6	Compliance Code applicable for Trade Compliance Information(Comp. Ref. #)	Valid User Defined Caption Name
7	Compliance Code applicable for Trade Compliance Information (Addl. Comp. Ref.)	Valid User Defined Caption Name
8	Regulations applicable for Trade Compliance Information (Regulation Restriction-1?)	Valid User Defined Caption Name
9	Regulations applicable for Trade Compliance Information (Regulation Restriction-2?)	Valid User Defined Caption Name

Exhibit 1: Identifies the **Maintain Trade Compliance Information** screen

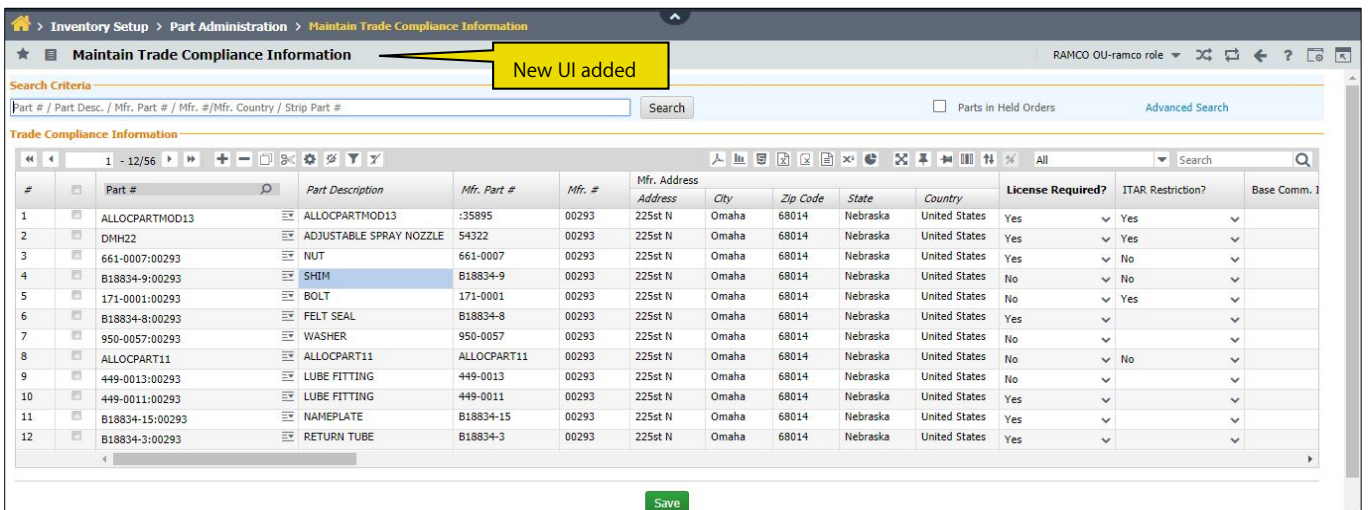


Exhibit 2: Identifies the History popup screen

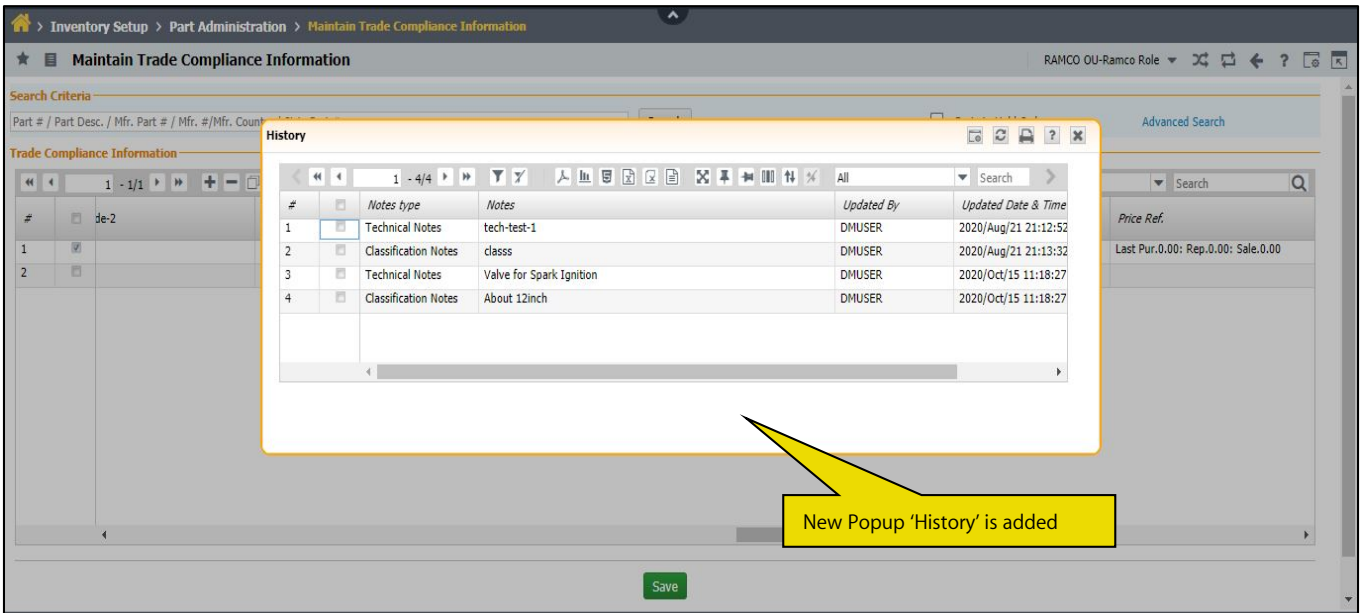
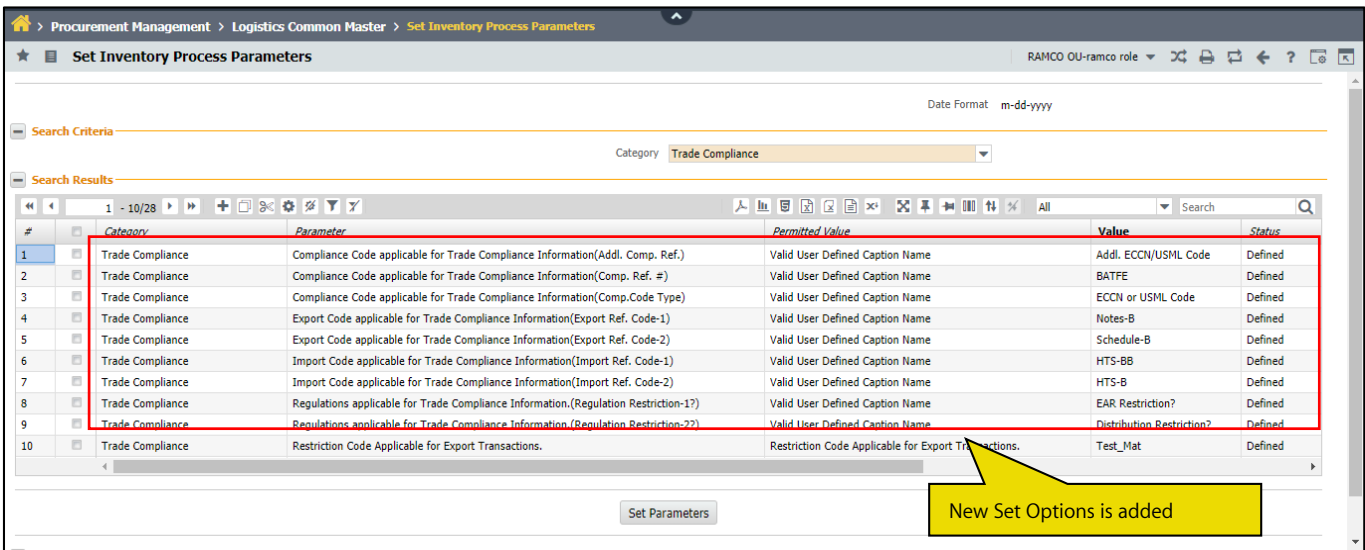


Exhibit 3: Identifies the Set Inventory Process Parameters screen



Maintaining Export Control License

1. A new activity and new UI called **Maintain External license** is added in the **Part Administration** business component to define and maintain the Export licenses obtained by an organization for exporting the items, which require licenses. A pop-up screen is added to identify the Partner organizations, such as Customs agent, freight forwarder, etc. who'll be supporting in carrying out the export under the given license.
2. The key details of the License details of the Part # that can be identified in the Export License screen include Part #, Export from Country, Export to Country, License Valid From, License Valid To, Authorized Qty., Balance Qty., License Type, etc.

3. License Type, Legal Regulation (issuing the License), Partner Nature are all Quick codes that can be identified in the Create Quick Code Screen in the Part Administration Component.
4. The link to view the Trade Compliance Information of the Part # in the License is also available from the Export License screen.
5. In the Partner Function pop-up screen, the Partner Nature, Partner Code, Name, Address and contact details of the supporting organizations can be identified.
6. External Licenses which having Alert Days lesser than the values defined in the Set Inventory Process Parameter or Based on the Alert Days defined in the Maintain External License Multiline. Alert License will be calculated based on the difference between Current date and Valid To date.
7. Validity of the License will be defined in the "Valid From" and "Valid To" in the Maintain External License Multiline.
8. External Licenses can be defined based on the Part Quantity or Part Value.

Exhibit 4: Identifies the **Maintain External License** screen

#	External License #	External License Status	Legal Regulation	License Type	Valid From	Valid To	Alert Days
1	EL-00002-2020	Active	LR1	LT1	09-09-2020	10-10-2020	
2	EL-001-2020	Active	LR1	LT1	09-15-2020	10-15-2020	10
3	EL-00010-2020	Inactive	TEST1	TEMPORARY	09-01-2020	10-31-2020	10
4	EL-0001-2020	Active	TEST1	TEMPORARY	09-21-2020	10-31-2020	
5	EL-001-2020	Active	LR1	LT1	09-15-2020	10-15-2020	10
6							

Exhibit 5: Identifies the Partner Function Popup Screen.

The screenshot displays the 'Maintain External License' interface. A 'Partner Function' popup window is open, showing a table with the following data:

#	Partner Nature	Partner Code	Partner Description	Address	City	State	Zip Code	Country
1	CARRIER AGE...	CA1	Carrier Agent	4945N, 225 Street	Elkhorn	Nebraska	68064	Sweden
2								

The popup window also includes a 'Save' button at the bottom. The background interface shows a table with columns: #, Auth. Value, Currency, Bal. Value, Export to Country, Export from Country, Partner Function, and Revision #. The status bar at the bottom indicates 'Part Administration -> Maintain External License', 'Last Login on 09-23-2020 at 09:23:05 AM', '(Server: 3-444 /Client: 0-405)', 'No error(s)', '59 Minute(s)', and '9:32 AM'.

WHAT'S NEW IN TRADE COMPLIANCE MANAGEMENT?

Ability to notify through collaborator on automatic Trade Compliance Restriction/Release

Reference: APRP-728

Background

Currently, if the Export Orders fall under the Trade Restriction, there won't be any notification or indication for the Trade Compliance Supervisor or Shipping Note Authorizer. So, the tracking of Trade Compliance is not possible during the Authorization/Confirmation/Approval of Export Order.

Business Need is to notify the user about the Automatic Trade Compliance Restriction/Release through the Collaborator Message and Inbox Notification.

Change Details

1. Collaborator Messages will be send to the user about the Part # in the Trade Compliance Code defined in the set option "Restriction Code Applicable for Export Transactions" and also based on the Restrictions entered in the **Trade Compliance Hub** screen about the Restriction and Release of the Part # after the External License # and Export Authorization # are generated against the Export Orders.
2. A new set option is added under "Trade Restriction" category in the **Set Inventory Process Parameters** screen of **Logistics Common Master** business component.

Parameter	Permitted Values
Users to whom Collaborator Notification should be sent on Trade Compliance Restriction	Enter valid Login usernames (Use comma separator for multiple users)
Users to whom Collaborator Notification should be sent on release of Trade Compliance Restriction	Enter valid Login usernames (Use comma separator for multiple users)
Automatic Collaborator Notification on Trade Compliance Restriction of Export Orders	Enter '0' for 'Not Required', '1' for 'Required'
Automatic Collaborator Notification on release of Trade Compliance Restriction on Export Orders	Enter '0' for 'Not Required', '1' for 'Required'

3. If the set option "Automatic Collaborator Notification on Trade Compliance Restriction of Export Orders" is set as "Required", then Collaborator Notification will be send to the User names which are defined in the set option "Users to whom Collaborator Notification should be sent on Trade Compliance Restriction" during the Trade Compliance Restriction and if it is set as "Not Required", then Notification or Collaborator Message is not send to the users.

- If the set option "Automatic Collaborator Notification on release of Trade Compliance Restriction of Export Orders" is set as "Required", then Collaborator Notification will be send to the User names which are defined in the set option "Users to whom Collaborator Notification should be sent on Release of Trade Compliance Restriction" during the Trade Compliance Release and if it is set as "Not Required", then Notification or Collaborator Message is not send to the users.

Exhibit 1: Identifies the Option Setting in **Set Inventory Process Parameter** screen

#	Category	Parameter	Permitted Value	Value	Status
1	Trade Restriction	Automatic Collaborator Notification on release of Trade Compliance Restriction on Export Orders	Enter '0' for 'Not Required', '1' for 'Required'	1	Defir
2	Trade Restriction	Automatic Collaborator Notification on Trade Compliance Restriction of Export Orders	Enter '0' for 'Not Required', '1' for 'Required'	1	Defir
3	Trade Restriction	Users to whom Collaborator Notification should be sent on release of Trade Compliance Restrictio	Enter valid Login usernames	dmuser,dwen	Defir
4	Trade Restriction	Users to whom Collaborator Notification should be sent on Trade Compliance Restriction	Enter valid Login usernames	dmuser,dwen	Defir
5	Trade Restriction	Default Restriction Code for Trade Restriction	Enter '0' for 'Not Applicable' Enter a valid "Stock Restriction Code" defined in Set Process Parame	shipping note	Defir
6				0	

Ability to Restrict/Release Direct Shipping Note based on Trade Compliance process

Reference: APRP-1495

Background

Some organizations follow trade compliance regulations and proceed with transactions like shipping of Parts only when trade compliance is met. Hence the requirement is to identify if a Direct Shipping Note being generated is an export order or not and if so, depending on the set options related to applicability of the trade compliance, export licensing and export authorization - order is required to be identified as restriction and shipping must not be allowed to be generated until valid trade licenses and export authorizations are obtained.

Business Need is the ability to retrieve Direct Shipping Note Transactions into Trade Compliance Hub based on the Set options and Generate Export Authorization.

Change Details

1. Direct Shipping note which need Export Authorization, Export Licenses and Trade Compliance Data related to the Part will be available in the Trade Compliance Hub.
2. Shipping of the parts will be generated once the missing details are provided and followed by the Commercial Invoice.
3. A new column "Ref. Shipping Note" is added in the **Record Shipping Note** and **View Shipping Note** screens and it will be displayed by state handling based on the Set Option.
4. A new set Option "**Temporary License Management Required**" added in the **Set Inventory Process Parameter** screen with the Permitted values of '0' for 'No' , '1' for 'Yes'.
5. If the set Option "**Temporary License Management Required**" is set as "**Yes**", then the Reference Shipping Note column is displayed and Reference Shipping note AKA Export Shipping note is given as Reference Document for the Direct Shipping Note and Part details will be fetched in the Multiline.
6. A new set Option "**Applicable License Types for Temporary License Management**" is added in the **Set Inventory Process Parameters** screen and Valid License Type will be defined as Permitted Value.
7. If the Issue based Shipping Note/ Direct Shipping Note is given as the Reference Shipping note, then system will check for the Active License # available in the Reference Shipping Note. If not, user cannot use this Reference Shipping Note for the Demobilization process.
8. User will manually generate the Direct Shipping note with the Part Details of Reference Shipping Note.
9. If the Reference Shipping Note having Active External License #, then on confirmation of Direct Shipping Note, the system will check if the set option "**Temporary License Management Required**" is set as "**Yes**" and License Type in the External License # in Ref. Shipping Note matches with the License type defined in the "**Applicable License Types for Temporary License Management**", then Balance Quantity increment will be done.

Example:

RSN-001 > Export Shipping Note > Having valid License Type and License # .

New RSN > RSN-002 > Direct Shipping note > generated with Export Shipping Note as reference.

RSN Details	External License # &Type	Balance Quantity
-	EXL-001 & NLR	10
RSN-001	EXL-001 & NLR	9(issue based SN/Direct SN Bal. Qty Logic)
RSN-002(RSN-001 as Ref.)	EXL-001 & NLR	10(On Confirm Bal. Qty should be Increased.)

Ability to view the Trade Compliance Reference information, including the Licenses from PSO/CO/RO/Rental Order/Shipping Note

Reference: APRP-1551

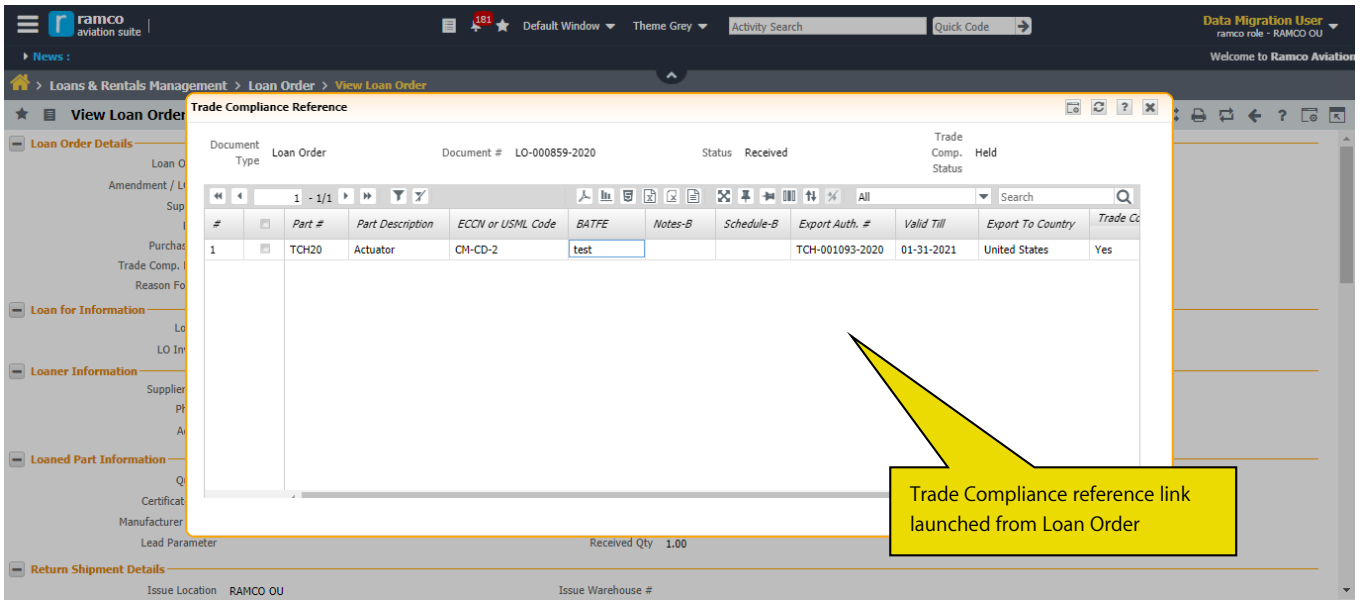
Background

To know about the details of Trade Compliance Data for a part #, License # and Authorization Details for the Part # which mentioned in the Orders like PSO/CO/RO/Rental Order/Shipping note/Loan Order/Purchase Order. Business need is to view the Trade Compliance information for the Transactions.

Change Details

1. A New UI **Trade Compliance Reference** is added in the **Trade Compliance Hub** activity under the **Trade Compliance Management** business component to know about the license details of the part # which is used in the Order Transactions.
2. Trade Compliance Reference Details, including Part Classification details, External License, Authorization can be viewed from Orders.
3. If the License is Not Available for the Qty. ordered or is expired or the Part Classification data is not available, Order will be Held, using the Restriction framework. Those details can be viewed from the new UI.
4. The Link for **Trade Compliance Reference** is added in the following screens:
 - a) Manage Customer Order – Header Control
 - b) Manage Part Sale Order – Header Control
 - c) View Loan order – Header Control
 - d) View Rental order – Header Control
 - e) View Purchase Order – Header Control
 - f) View Repair Order – Header Control
 - g) View Inter Warehouse Stock Transfer – Header Control
 - h) Record Shipping Note – Multiline Column
 - i) View Shipping Note – Multiline Column

Exhibit 1: Identifies Trade Compliance Reference screen from the View Loan Order Screen.



WHAT'S NEW IN CUSTOMER ORDER /PART SALE ORDER AND SHIPPING NOTE?

Ability to identify trade restriction and view the Trade Compliance Reference information including the Licenses from CSO/PSO

Reference: APRP-719

Background

Some organizations follow trade compliance regulations and proceed with transactions like shipping of parts only when trade compliance is met.

Hence the requirement is to identify if an order being generated is an export order or not and if it so, depending on the set options related to applicability of the trade compliance, export licensing and export authorization - order is required to be identified as restriction and shipping must not be allowed to be generated until the valid trade licenses and export authorizations are obtained.

Also the requirement is for the information with respect to the trade compliance, licenses etc., to be visible in the Customer Order or Part Sale Order.

Change Details

- A new data hyperlink control 'Trade Comp. Rest. ?' is added in the 'Basic Order Info.' section of the **Manage Customer Order** activity under **Customer Order** component of the **Service Sale Management** BPC.(Exhibit-01)
- A new data hyperlink control 'Trade Comp. Rest. ?' is added in the **Manage Part Sale Order** activity under **Part Sale Order** component of **Part Sale Management** BPC.(Exhibit-02)
- A new pop up screen **Trade Compliance Reference** will be launched on click of this hyperlink which will enable the user to review the trade compliance details. (Exhibit-03).
- On Confirmation/Approval of Customer Order, the part and ship to address details of the CSO/PSO are validated with the trade compliance applicability.

The 'Trade Comp. Rest. ?' will be updated as:

- a. No: if the Customer Order/Part Sale order is an export order and but there are no trade restrictions
- b. Yes: if the Customer order/Part Sale Order is export order and trade restrictions are there. i.e., CO/PSO is available in "Pend. Trd. Comp. Data"/ "Pend. Exp. License"/ "Pend. Exp. Auth" tiles in trade compliance hub.
- c. Not Applicable: if the Customer Order/Part Sale Order is not export order.

- Note: Customer Order/Part Sale Order will be considered as export order if Country mapped to the Ship to Address CO/PSO(from country) is different from the Country mapped to the address of the Work center (CO) or Warehouse (PSO).*
- The Country mapped to the address of the login OU will be considered if the warehouse/work center is not available in the CSO/PSO.*

Exhibit 1:
Manage Customer Order screen

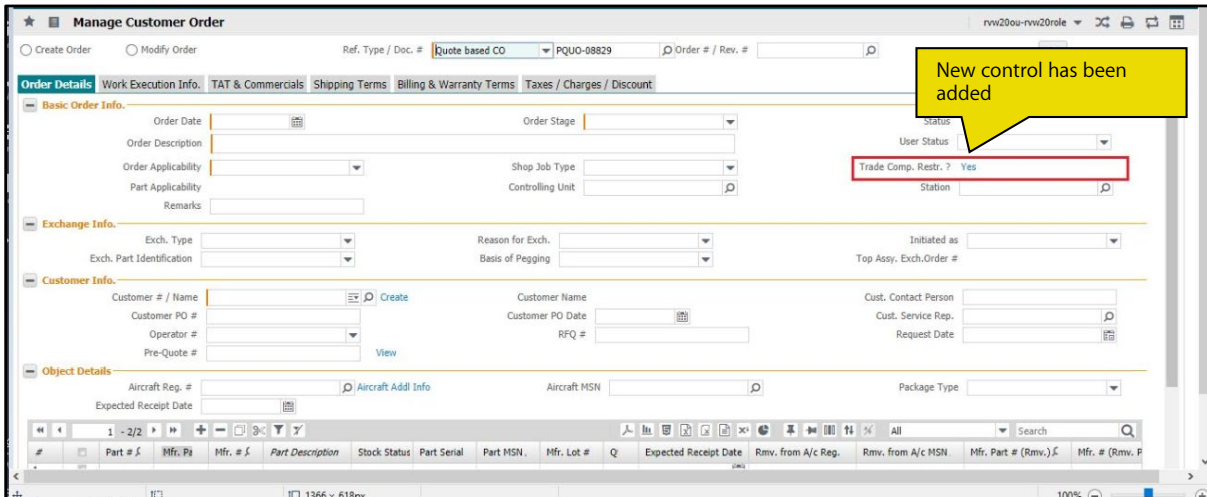


Exhibit 2:
Part Sale Order screen

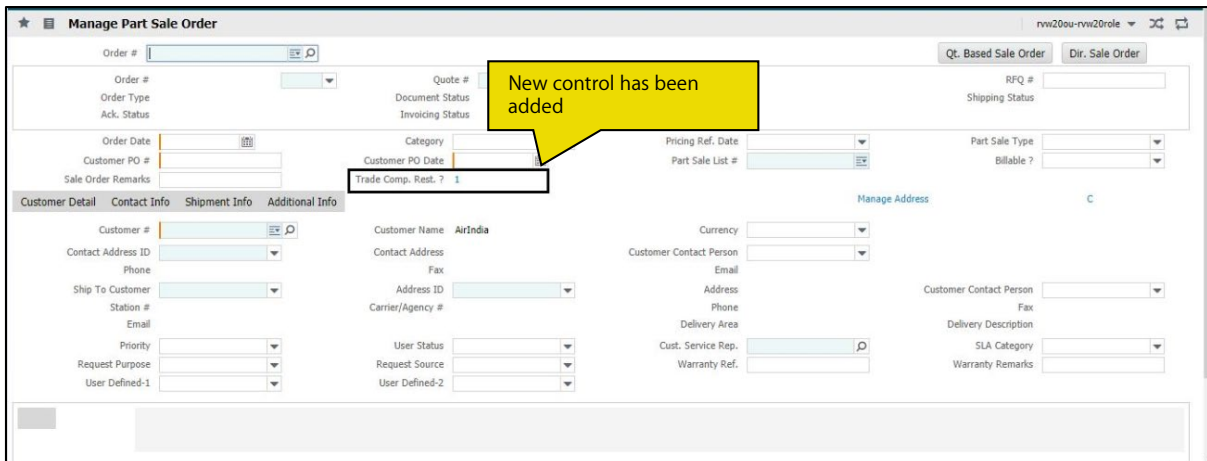
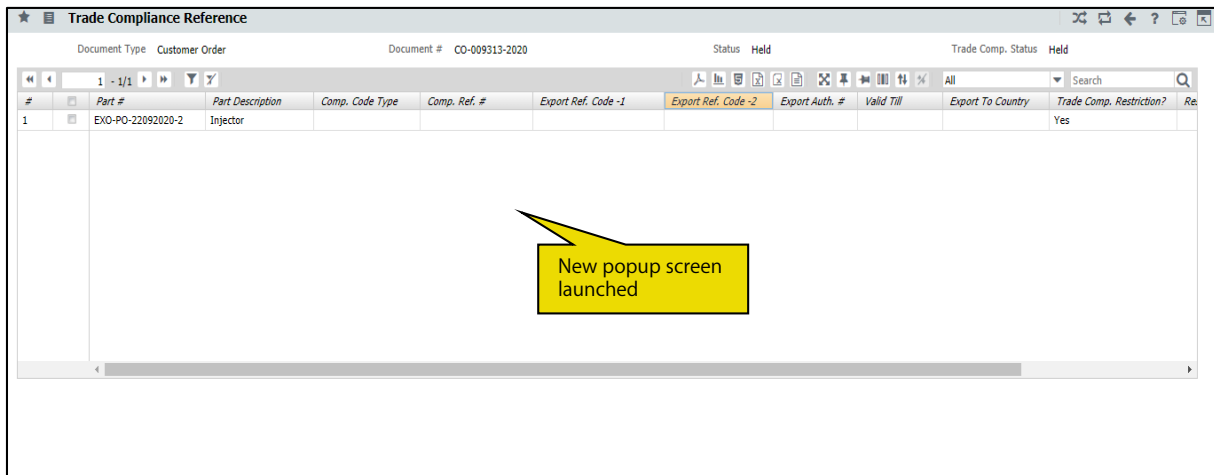


Exhibit 3:

Trade Compliance Reference screen



Ability to validate Shipping Note from processing based on the Trade Compliance restrictions and Other Minor Changes

Reference: APRP-719, APRP-1281

Background

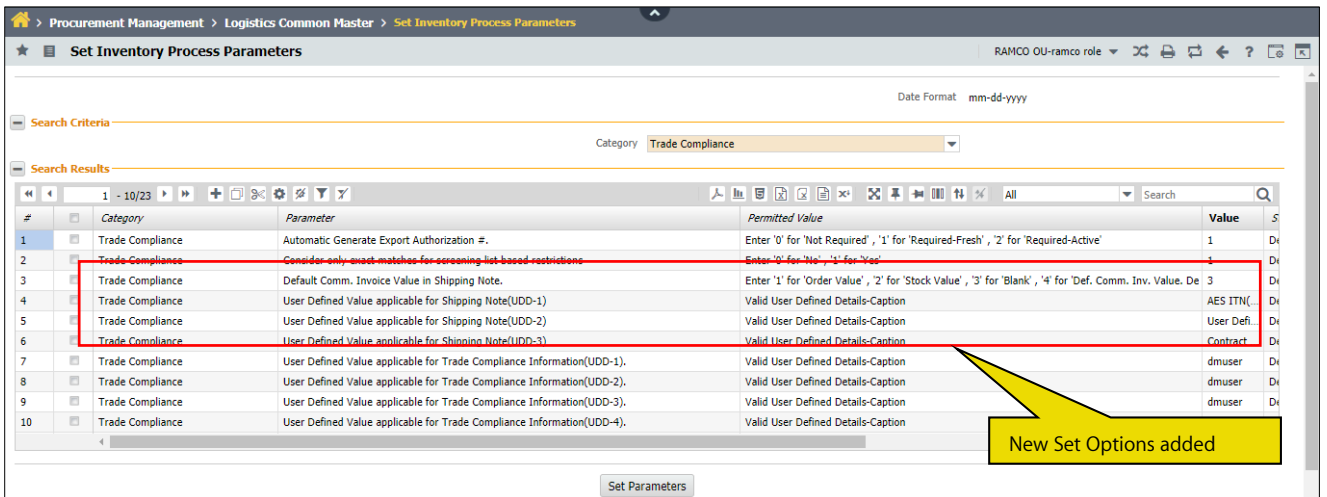
There is certain key information that is required to be maintained in order to Ship certain items from One Country to Another Country. In the Shipping Note, Trade Partner Related details and Trade Compliance Related details will be tracked for the Part #. Business Need is to update the Invoice details in the Shipping Note Screen manually and Validate the Shipping Note based on the Trade Compliance restrictions.

Change Details

1. New Controls added in the **Record Shipping Note** screen, which are all defined as Quick Codes named as Purpose, User Defined-1 and User Defined-2.
2. User Defined Caption values will be modified based on the Dynamic Labelling by the Set option.
3. New Set options are added in the **Set Inventory Process Parameters** screen in the **Logistics Common Master** added in the Category called "Trade Compliance".

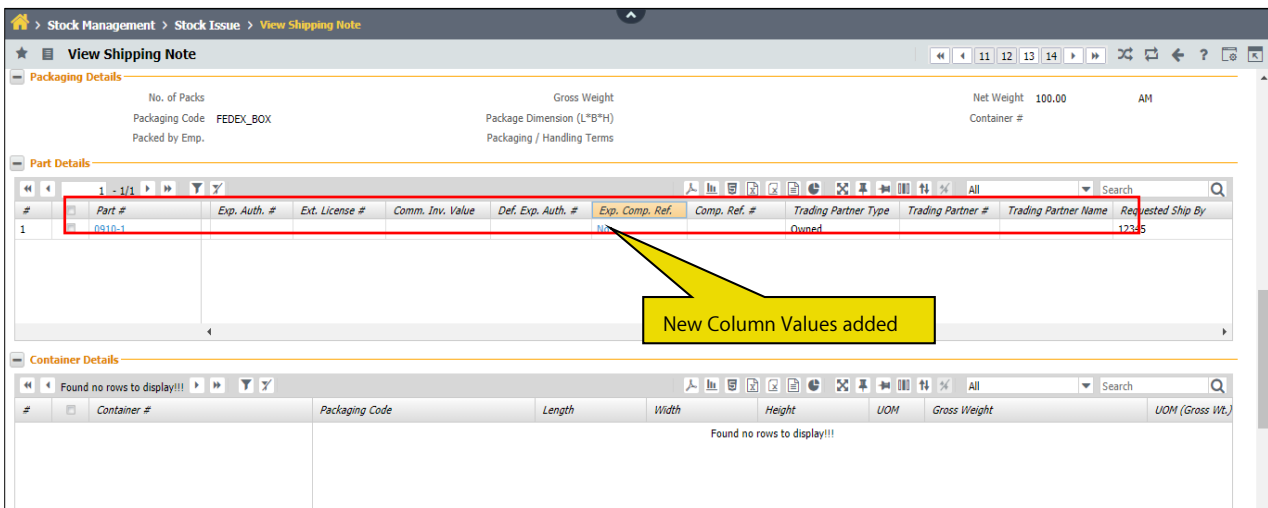
Parameter Added	Permitted Values
User Defined Value applicable for Shipping Note(UDD-1)	Valid User Defined Details-Caption
User Defined Value applicable for Shipping Note(UDD-2)	Valid User Defined Details-Caption
User Defined Value applicable for Shipping Note(UDD-3)	Valid User Defined Details-Caption
Default Comm. Invoice Value in Shipping Note	Enter '1' for 'Order Value', '2' for 'Stock Value', '3' for 'Blank', '4' based on 'Def. Comm. Inv. Value. Defn.'

Exhibit 1: Identifies the New Option Setting in Set Inventory Process Parameters screen



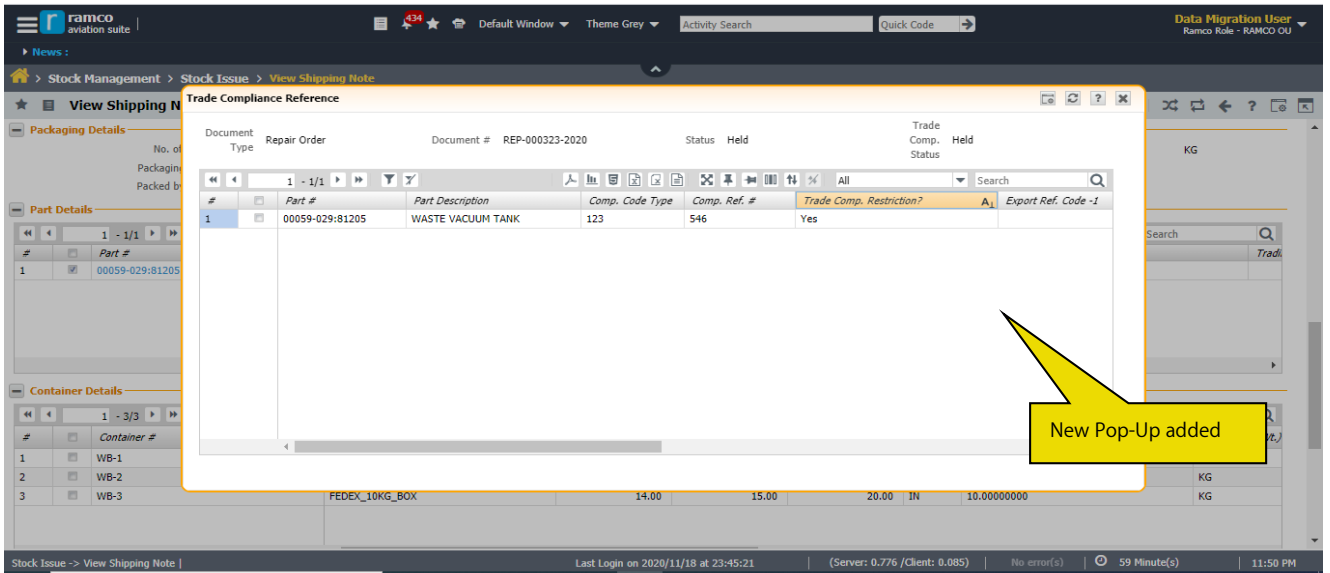
- If the Set Option is defined as "Blank" then display Blank. So that User can manually enter the Comm. Inv. value. If the Set Option is defined as "Def. Comm. Inv. Value Defn.", then Default the "Base Comm. Inv. Value" defined in the **Maintain Trade Compliance Information** screen in **Part Administration** business component.
- Trading Partner details like Trading Partner #, Trading Partner Type, Trading Partner Name will be added as new columns in the Multiline. For the Record Shipping Note, Trading partner Details should be retrieved from the **Inquire Stock Availability** screen in the **Stock Maintenance** business component based on the Part #-Serial #-Lot# given in the Reference document #.

Exhibit 2: Identifies the new Columns added in Record Shipping Note and View Shipping Note screens



- A New Popup called "Trade Compliance Reference" is added in the Multiline to display the details related to Exports.

Exhibit 3: Identifies the New Popup Trade Compliance Reference added.



WHAT'S NEW IN STOCK ISSUE?

Ability to manage pick list generation and assign it to users

Reference: APRP-718, 727

Background

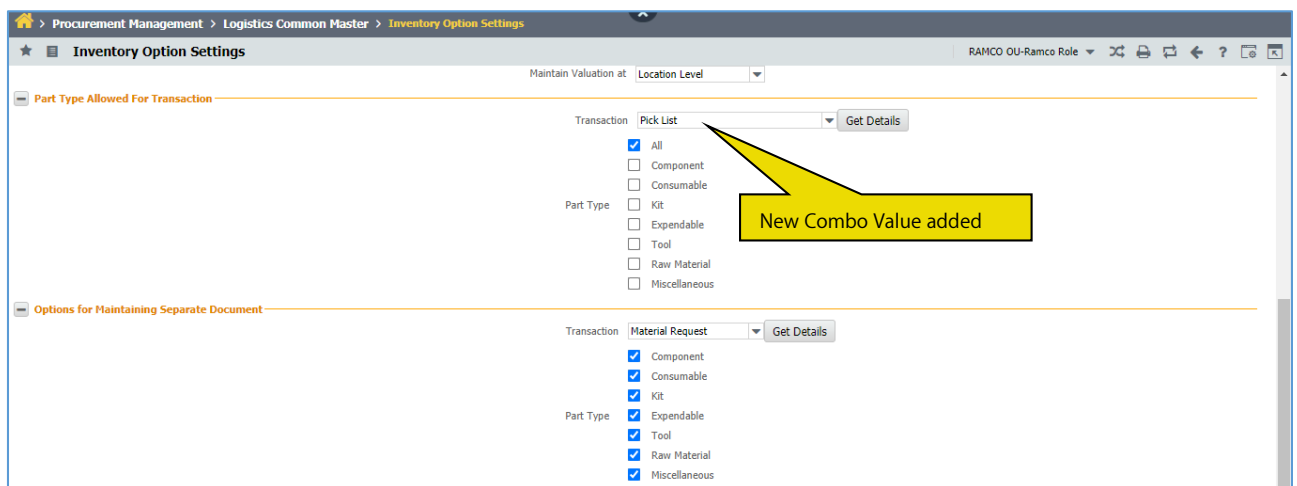
Warehouses dealing with large volumes of issues and warehouse sizes require a formal supervisory function to plan and assign list of issues. Business Need is to generate a pick List by filtering and prioritizing the issue lines by critical attributes like need date, type of Job, work center etc. Pick List can be assigned to one or multiple Warehouse Clerks. Assignee will receive a notification once the Pick List is released and the clerks will initiate the picking process through Warehouse Anywhere App. Planner will receive the Notification once the parts are picked by the clerks.

Currently, all types of Stock Issues are generated and the issue is initiated at a particular issue document level. The issues can be confirmed on both desktop and Warehouse Anywhere application. This Manage Pick List feature enables the user to generate list of picking items from different issue documents by managing it in a serial/lot level. The pick list can be assigned to multiple users; also single pick list can be picked by different users.

Change Details

1. A New Combo Value **"Pick List"** is added under **"Part Type Allowed for Transaction"**, in **Inventory Option Settings** screen of the **Logistics Common Master** business component.

Exhibit 1: Identifies the new combo value in **Inventory Option Settings** screen



2. A New set option **"Issue Types Applicable for Pick List"** is added under **"Warehouse Anywhere Application"** Category in **Set Warehouse Process Parameters** in the **Storage Administration** Component with the Permitted Values from 0 to 13. These set option can be set in Warehouse level (i.e.) Provision to select issue types applicable for particular warehouse.

- These are the values and the corresponding issue types that can be allowed to include in a Pick list.
 - 0 – General Issue
 - 1 – Maintenance Issue
 - 2 – Exchange Issue
 - 3 – Unplanned Issue
 - 4 – Stock transfer Issue
 - 5 – Repair Order Issue
 - 6 – Rental Order Issue
 - 7 – Loan Order Issue
 - 8 – Kit Issue
 - 9 – Tools Issue
 - 10 – Subcontract Issue
 - 11 – Pack Slip Issue
 - 12 – PBH Issue
 - 13 – All

Exhibit 2: New Set option in Set Warehouse Parameters

#	Warehouse #	Category	Parameter	Permitted Value	Value	Status
1	0123	WarehouseAnywh	Issue Types applicable for Pick List	Enter '0' for 'General Issue', '1' for 'Maintenance I		Not Defined
2	0123	WarehouseAnywh	Validate location during Confirmations of Stock Issue	Enter '0' for 'No', '1' for 'Yes'		Not Defined
3	0123	WarehouseAnywh	Validate location during Authorization of Stock Transfer	Enter '0' for 'No', '1' for 'Yes'		Not Defined
4	0123	WarehouseAnywh	Validate location during Authorization of Stock	Enter '0' for 'No', '1' for 'Yes'		Not Defined
5	0123	WarehouseAnywh	Validate location during Cycle Count Re	Enter '0' for 'No', '1' for 'Yes'		Not Defined
6	0123	WarehouseAnywh	Cart Bin support for Binning of Parts	Enter '0' for 'Not Applicable', '1' for 'Applicable'	1	Defined
7	0123	WarehouseAnywh	Automatic confirmation of Stock Return on completion of Binning	Enter '0' for 'Not Required', '1' for 'Required'	1	Defined
8	0123	WarehouseAnywh	Automatic confirmation of Stock Transfer Receipt on completion of Binning	Enter '0' for 'Not Required', '1' for 'Required'	1	Defined
9	0123	WarehouseAnywh	Automatic confirmation of Unplanned Receipt on completion of Binning	Enter '0' for 'Not Required', '1' for 'Required'	1	Defined
10	0123	WarehouseAnywh	Automatic confirmation of Loan/Rental Receipt on completion of Binning	Enter '0' for 'Not Required', '1' for 'Required'	1	Defined

3. A New Screen “**Manage Pick List**” is added in the **Stock Issue** Component.

- The Issues for generating pick list is selected based upon the warehouse for which the issues are created. Once the warehouse is selected, the search results will include only the issues for that selected warehouse only.
- In this screen, we can generate Pick list for issues in fresh status. Using add issue button in the screen, we can filter the issues based on dates and issue number. There is an advanced search filter also. With that we can filter the issues based on the issue type, Ref. Doc Type, Work center, Priority, Mfr. Part #, Serial #, Lot #. Etc.
- The search results are based on the line level of the respective issue documents. So it is possible to generate Pick list with flexibility at serial/lot level of the issue documents. The added issues are then assigned to assignees with description, Picking Priority, Picking Date, Remarks. Etc.

Exhibit 3: New screen **Manage Pick List** in **Stock Issue** Component

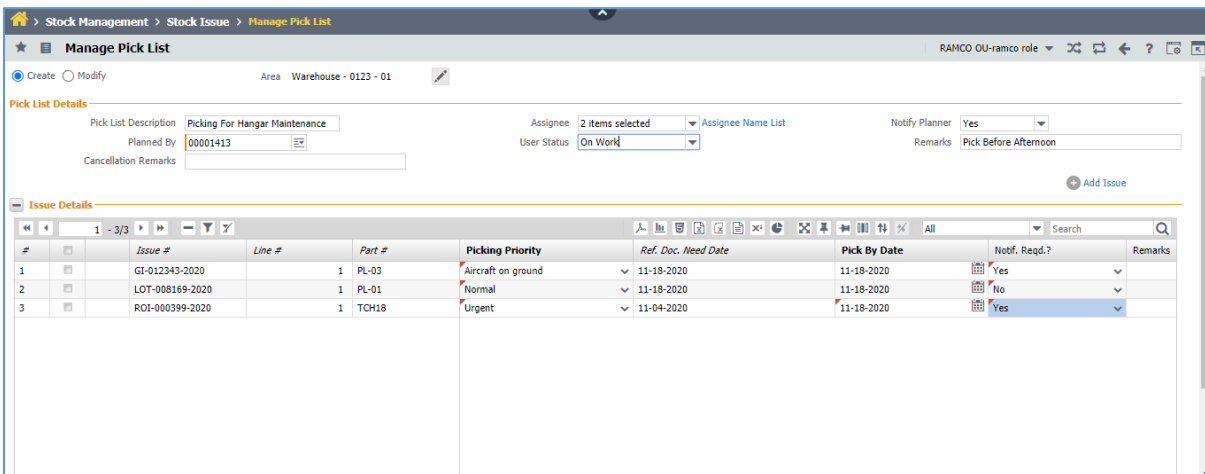
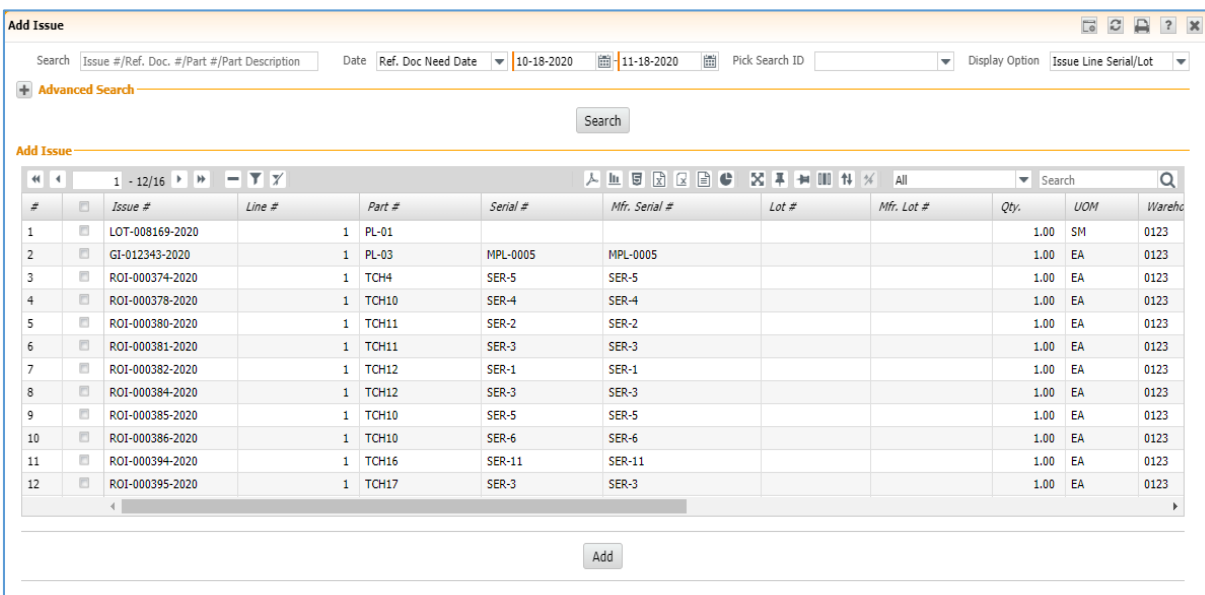


Exhibit 4: Adding issue in **Manage Pick List** screen



4. Notifications to the Assignee and Planner

- The below scenarios where the assignee will get notified.
 - On releasing of pick list
 - Modification in the pick list (E.g. serial/lot change, quantity change)
 - Cancellation of pick list
- The below scenarios where the planner will get notified.
 - On picking of part, if notification enabled for that part in multiline of the respective pick list.
 - Completion of pick list.

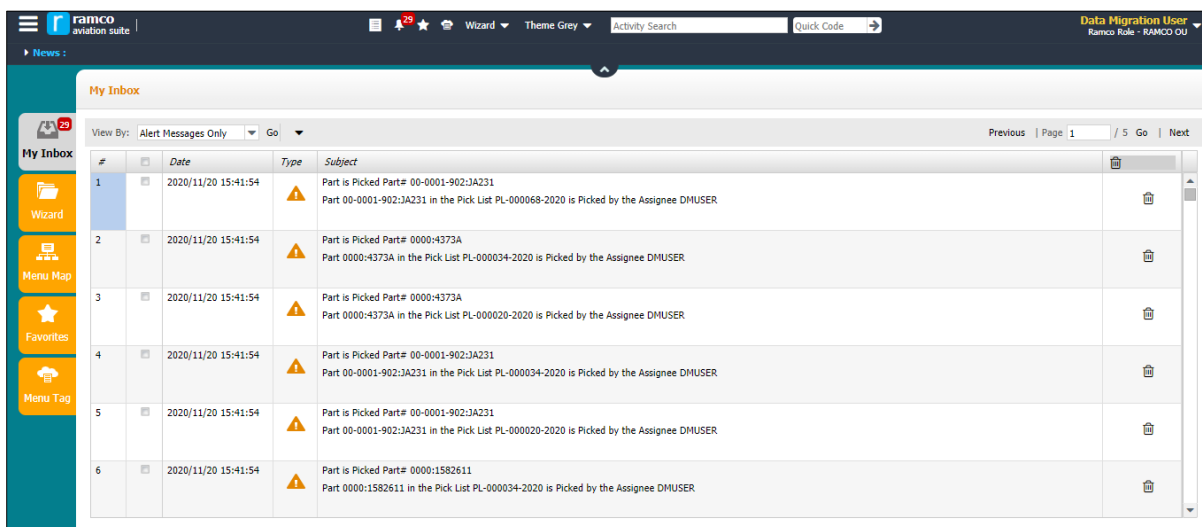
5. **Pick List #** will be stamped for each line level in **Edit/View Storage Information** Screen.

- If a Pick list is generated for a particular line item in an Issue then the Pick list # will be stamped along with the issue details like serial/lot #, Quantity. Etc.
- Change in issue details will be also reflected in Pick list details.

6. **Status** and **color Indicator** for Pick list

- There are five statuses for a pick list. They are Fresh, Released, In Progress, Completed, and Cancelled.
 - Fresh – When Pick list is not released for picking
 - Released – When Pick list is released for picking
 - In Progress – When at least one line item is picked
 - Completed – When all the line items are completely picked
 - Cancelled – When Pick list is cancelled
- **Color Indicator** for line level status in **Mange Pick list** and **Edit/View Storage Information** screen
 - Orange – To be picked
 - Light green – Partially picked
 - Dark green – Completely picked
 - Grey – Not required

Exhibit 5: Notification to the Planner

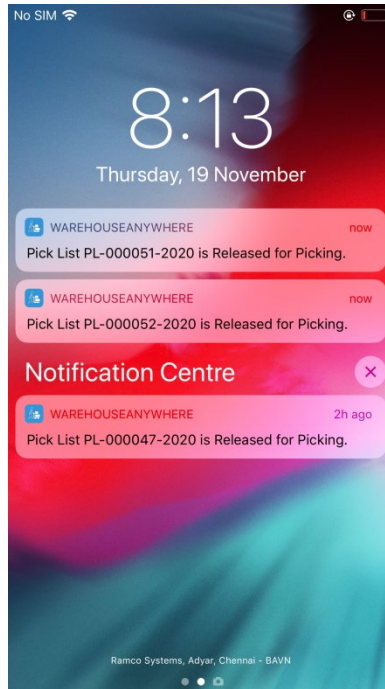


#	Date	Type	Subject
1	2020/11/20 15:41:54	⚠️	Part is Picked Part# 00-0001-902:JA231 Part 00-0001-902:JA231 in the Pick List PL-000068-2020 is Picked by the Assignee DMUSER
2	2020/11/20 15:41:54	⚠️	Part is Picked Part# 0000:4373A Part 0000:4373A in the Pick List PL-000034-2020 is Picked by the Assignee DMUSER
3	2020/11/20 15:41:54	⚠️	Part is Picked Part# 0000:4373A Part 0000:4373A in the Pick List PL-000020-2020 is Picked by the Assignee DMUSER
4	2020/11/20 15:41:54	⚠️	Part is Picked Part# 00-0001-902:JA231 Part 00-0001-902:JA231 in the Pick List PL-000034-2020 is Picked by the Assignee DMUSER
5	2020/11/20 15:41:54	⚠️	Part is Picked Part# 00-0001-902:JA231 Part 00-0001-902:JA231 in the Pick List PL-000020-2020 is Picked by the Assignee DMUSER
6	2020/11/20 15:41:54	⚠️	Part is Picked Part# 0000:1582611 Part 0000:1582611 in the Pick List PL-000034-2020 is Picked by the Assignee DMUSER

7. **Confirmation** of issue based on pick list status in **Confirm Issue** screen

- If an issue is in a pick list then, on confirming the issue all the parts should be picked before confirming otherwise one couldn't confirm the issue. Also color indicators will be stamped for issues having pick list and its status. One can ensure from the indicator if the pick list corresponding to the issue is completely picked or not.

Exhibit 6: Notification to the Assignee



8. A New Screen “Pick List” is added in the Warehouse Anywhere Application.

- To complete the pick list generated in the desktop, a new screen is added as a left pane activity of the Warehouse Anywhere App. Once a Pick list is released, it will notify to the assignee as a mobile notification. So she/he will know that there is a list of parts to be picked by her/him.
- If a Pick list is assigned to more than one assignee than all the assignee will get notification and picking can done by all of them. If one assignee picked a part then it cannot be picked by the other assignee.
- Once a Pick list is released, the assignee can log in to the app and starts picking. While picking, assignee can use the filter to prioritize the picking with respect to the need.

Exhibit 7: Pick list # in Edit/View Storage Information screen

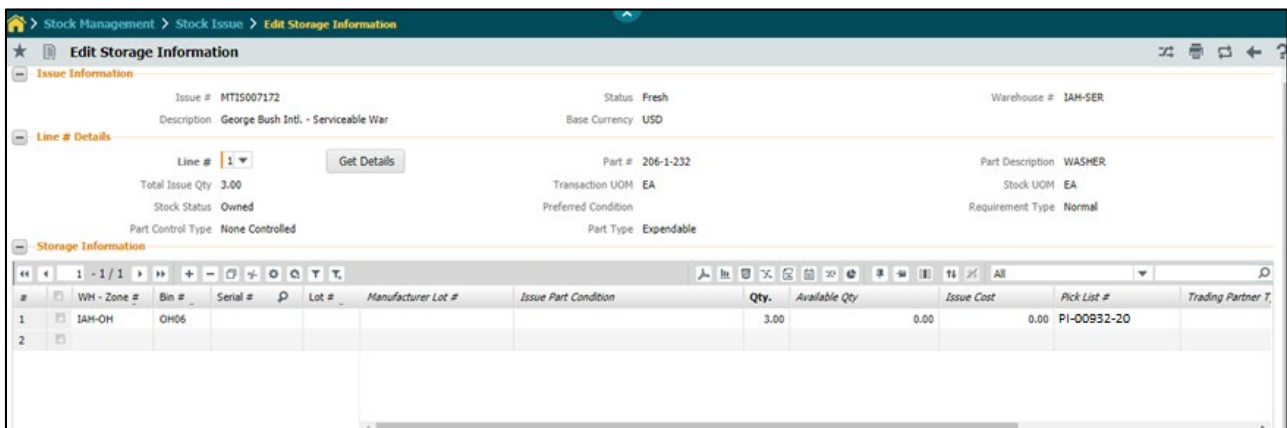
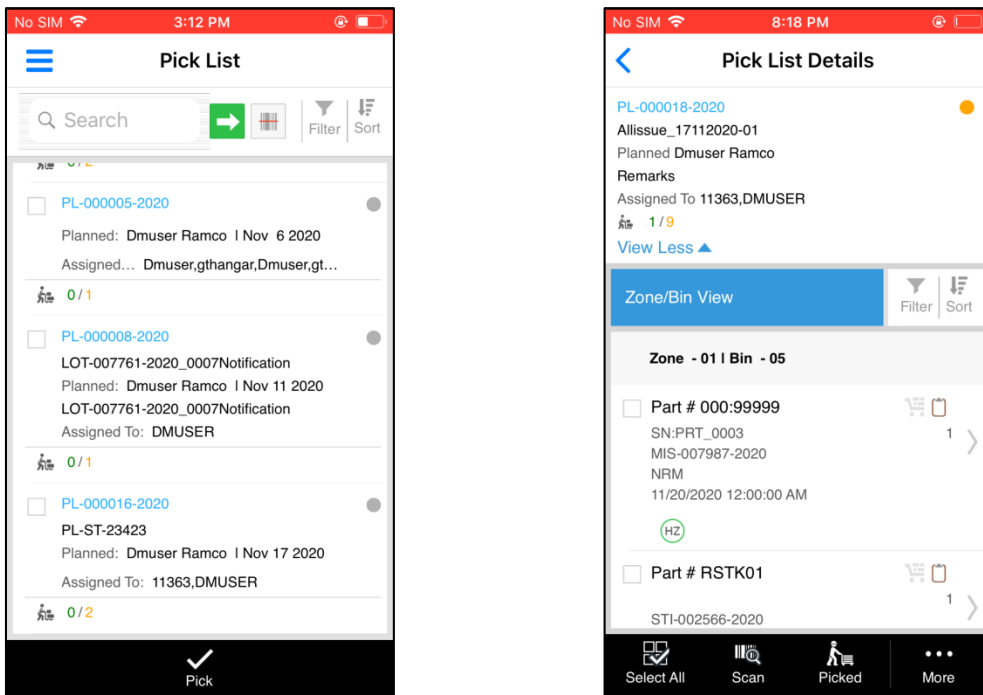


Exhibit 8 : Pick List screen in Warehouse Anywhere App



9. My list and All list for “Pick List” screen

- My list will have the details of picking items for current login user and All list will have the details of picking items assigned for all users. This provision will allow any user to pick the parts if assigned user is not available.

Ability to define Freight forwarder and define additional shipment information for CO/PSO/RO/STO/ PO/LO/Rental Order

Reference: APRP-40

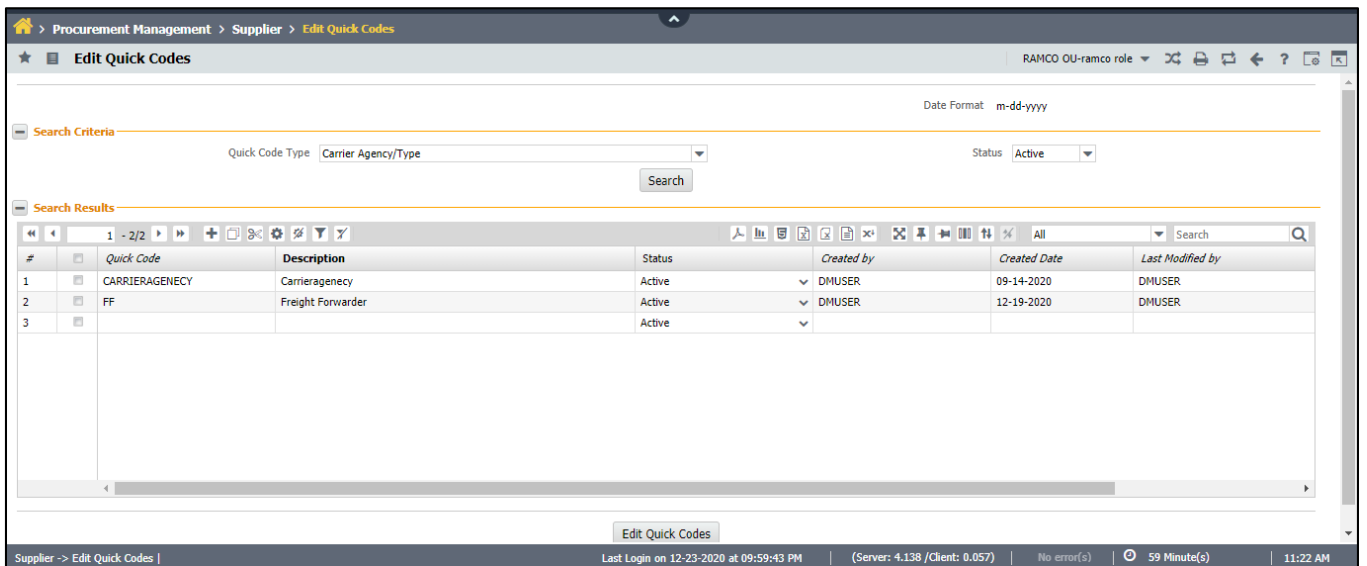
Background

Majority of international shipments are routed through a freight forwarder to reduce shipping cost and avoid customs management for these shipped items. These freight forwarders are selected by the customer and communicated to MRO in their Purchase Order / Repair Order forms sent along with the unserviceable unit. In this enhancement shipping person can capture the intermediate destination details in the shipping note.

Change Details

In the **Create and Edit Quick Codes** screens under the Supplier component, a new Quick code type **Carrier Agency/Type** is added and same will be listed in the **Maintain Carrier /Agency Code** screen under the 'Carrier /Agency Type' combo control.

Exhibit 1: Identifies the Quick Code Type "Carrier Agency/Type" in **Edit Quick Codes** screen

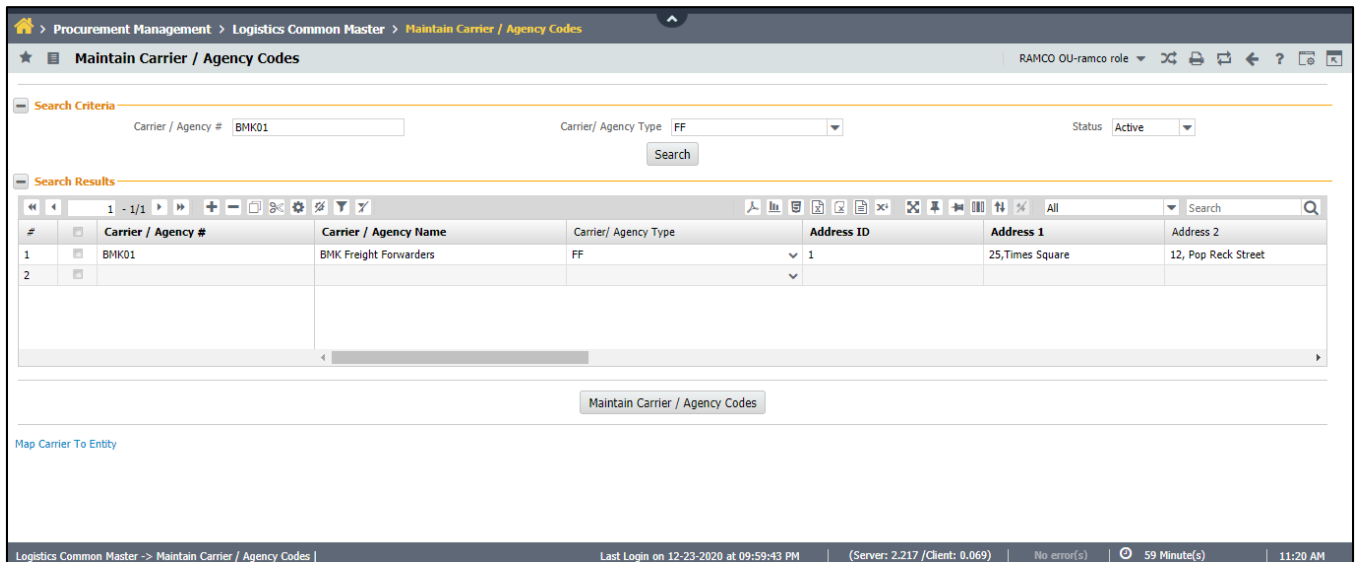


The **Maintain Carrier /Agency Code** screen is enhanced to capture the following details.

- Carrier /Agency Type.
- Address ID
- Address 1
- Address 2
- Address 3
- City
- State
- Country
- Zip Code
- Phone #
- Fax #
- Email
- Spec 2000
- SITA/ ARINC

A new link **Ship To Entities** added to launch the **Map Carrier-Ship To Entity** screen

Exhibit 2: Identifies the **Maintain Carrier /Agency Code** screen



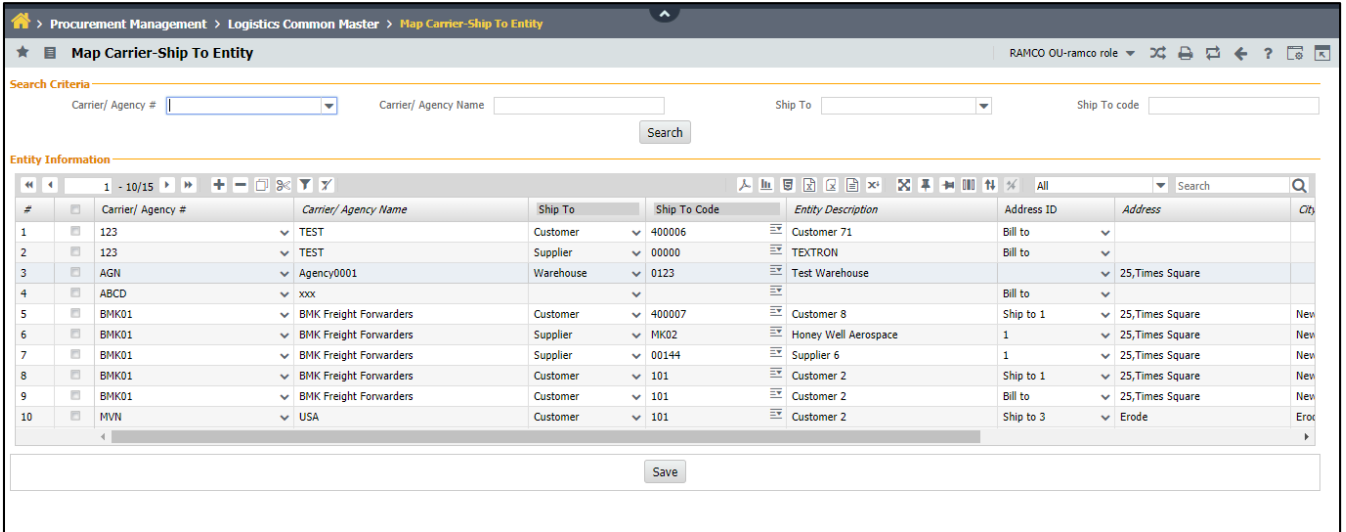
The screenshot displays the 'Maintain Carrier / Agency Codes' screen. The search criteria are: Carrier / Agency # BMK01, Carrier / Agency Type FF, and Status Active. The search results table is as follows:

#	Carrier / Agency #	Carrier / Agency Name	Carrier / Agency Type	Address ID	Address 1	Address 2
1	BMK01	BMK Freight Forwarders	FF	1	25,Times Square	12, Pop Reck Street
2						

Below the table, there is a 'Map Carrier To Entity' link and a 'Maintain Carrier / Agency Codes' button. The footer shows the user is logged in on 12-23-2020 at 09:59:43 PM, with server and client information, and a 59-minute session duration.

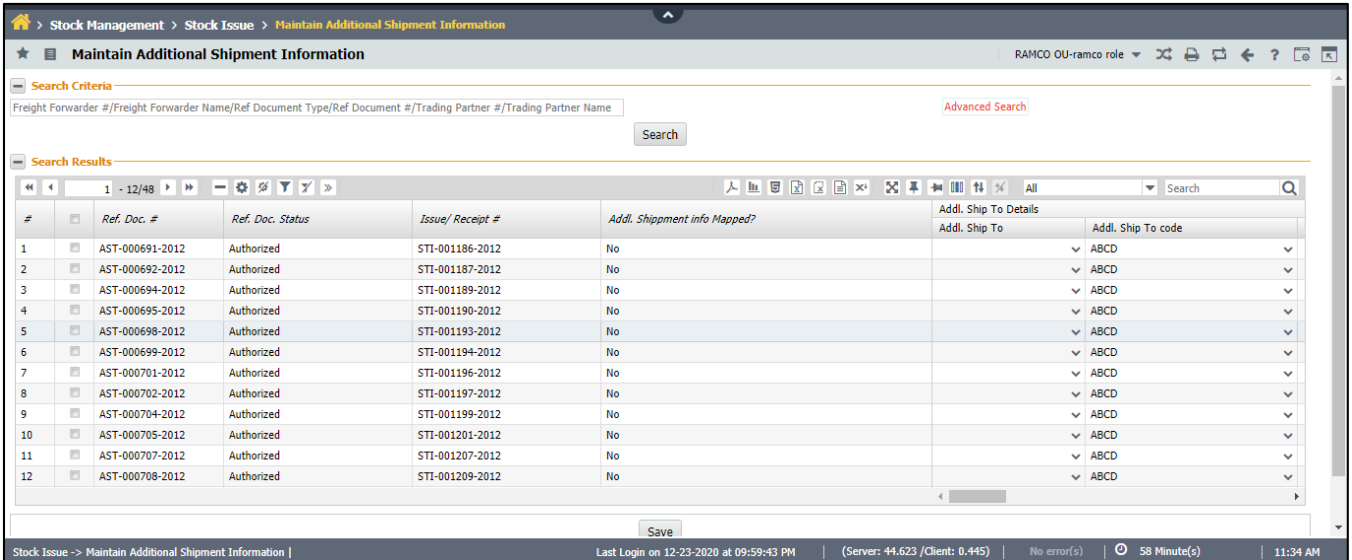
A new screen **Map Carrier-Ship To Entity** is added under **Logistics Common Master** business component. The **Map Carrier-Ship To Entity** screen is used to map the **Carrier #** with Customer/Supplier/Warehouse's Address Id level. Whenever order document created against the customer #-Address Id which Carrier # is mapped, same will be automatically defaulted in the Shipping Note.

Exhibit 3: Identifies the Map Carrier-Ship To Entity screen



A new screen **Maintain Additional Shipment Information** is added under **Stock Issue** component, to define/edit/view the **Additional shipment info** of the following documents Repair Order, Loan Order, Rental Order, Purchase Order, Stock Transfer, Pack slip, Customer Order, Part Sale Order.

Exhibit 4: Identifies the Maintain Additional Shipment Information screen



Maintain Additional Shipment Information link is added in the following screens:

- Manage Customer Order
- Manage Part sale Order
- Edit Terms and Condition
- Edit Dropship Details
- Edit Terms and Condition
- Edit Terms and Condition
- Edit Terms and Condition
- Create Loan order
- Edit Loan Order
- Create Inter Warehouse Transfer
- Edit Inter Warehouse Transfer

The entry page of the **Record/Edit/View Shipping Note** screen is enhanced to search and view the **Addl. Ship To**, **Addl. Ship To Code** and **Addl. Ship To Address**.

Exhibit 5: Identifies the entry page of **Record Shipping Note** screen

The screenshot displays the 'Select Reference Document' screen. The top navigation bar shows 'Stock Management > Stock Issue > Select Reference Document'. The main area is divided into 'Search Criteria' and 'Search Results'.

Search Criteria:

- Display Option: Document Level
- Ref. Doc. #: Issue, STI-003085-2021
- Parent Ref. Doc. #: [Empty]
- Issue Attributes: [Empty]
- Part #: [Empty]
- Shipment Readiness?: Ready for Shipment
- Already Shipped Parts?: Exclude
- Hazmat Parts: Include
- Confirmed Date: From / To: 01-13-2021 / 01-28-2021
- Trading Partner: [Empty]
- Shipping Attributes: Addl. Ship To, BMK01
- Warehouse #: From / To: [Empty]
- Group Ship ID: [Empty]

Search Results:

#	SHP	Ref. Doc. Type	Ref. Doc. #	Confirmed Date	Issue Warehouse #	Parent Ref. Doc. Type	Parent Ref. Doc. #	Part #
1		Issue	STI-003085-2021	01-28-2021	0123	Stock Transfer	ST-001276-2021	

The **Record Shipping Note** screen is enhanced to define/edit/view the **Additional shipment info**. The same will be printed in the Report.

Exhibit 6: Identifies the Record Shipping Note screen

Shipping Document Details

Shipping Note # _____ Status _____ Numbering Type: RSN
 Shipping Note Type: Issue Based Shipment Category: _____ User Status: _____
 Shipping Warehouse #: 0123 Shipment Date: 01-28-2021 Shipment Time: 12:11:33
 Supplementary Info? _____ Ref. Shipping Note # _____

Recipient Info | **Sender Info**

Ship To Address Details

Ship To: Warehouse Ship To Code: 0121 Ship To Address ID: 0121
 Recipient Name: BMK Freight Forwarders Ship To Address: 1, New Tower, Green Park Road City: New York
 State: ANDHRAPRADESH Country: IN Zip Code: 100001
 Residential Address? Station #: _____ Delivery Point: _____

Contact Info

Contact Person: _____ Fax #: _____ Phone #: _____
 Extn.: _____ Mobile #: _____ Email: _____

Addl. Ship To Address Details

Addl. Ship To: FF Addl. Ship To Code: BMK01 Addl. Ship To Address ID: _____
 Recipient Name: John Xavier Addl. Ship To Address: 25,Times Square City: Newyork
 State: New York Country: United States Zip Code: 213455

Freight Details

Carrier Code: _____ IR Shipping Method: _____ INCO Terms: ABC
 Shipping Payment: _____ Freight Terms: _____ Freight Charge: CAD

Stock Issue -> Record Direct Shipping Note | Last Login on 12-23-2020 at 09:59:43 PM | (Server: 0.37 /Client: 0.163) | No error(s) | 59 Minute(s) | 12:14 PM

Exhibit 7: Identifies the Shipping Note Report screen

		SHIPPING NOTE		RICHARD O. Ramco Systems Limited, 538 Townsend Rd, Sai, Saint Pauls, North Carolina, US, 28384			
Ship To Details			RSN-001242-2021				
Ship To: Warehouse Recipient Name: BMK Freight Forwarders Address: 1, New Tower, Green Park Road, New York - 100001, ANDHRAPRADESH, IN Contact Person: _____ Fax: _____ Extn: _____			1-28-2021 12:11:33 Packaging Details				
		No. of Packs :	Gross Weight				
		Packing Code/	Package Dimension				
Addl. Ship To Address Details							
Ship To: FF Recipient Name: John Xavier City: Newyork Country: United States			Ship To Code: BMK01 Address: 25,Times Square State: New York Zip Code: 213455				
Freight Details							
Ship By / Carrier Code		Shipping Payment / Freight Charge		Vehicle # / Flight #	Way Bill # / Date		
				WB3456	1-28-2021		
Freight Terms							
Part Details							
SI #	Part # Part Description	Quantity UOM	Serial # Lot #	RMA # Date	Unit Cost Currency	Value Currency	Trading Partner # Trading Partner Name Trading Partner Type
1	PL-003	1	CS-03		350000.00	350000.00	

WHAT'S NEW IN STOCK MAINTENANCE?

Ability to maintain Unique Identifier and print a tag for all the items in Inventory

Reference: APRP-1274

Background

Unique Identification Marking is a part of the compliance process mandated by the United States Department of Defense. It is a permanent marking method used to give equipment the unique ID. As part of internal process and control there is a need to tag all part/serials and lots against an asset tag # for tracking inventory for defense. Such ID's and Tags are in addition to manufacturer serial/lot numbers and internally generated serial/lot ID'S. These requirements also vary based on part attributes and part value.

Business need is to have a provision to maintain such unique identifiers with various key attributes such as status, register date, etc.

Change Details

Manage Options for Additional Information:

1. A new activity and new screen **Manage Options for Additional Information** added in the **Stock Maintenance** business component.
2. This screen will cater to 5 identifiers, 5 user defined combos, text and date fields that can be dynamically labelled and managed through a new screen **Manage Options for Additional Information**.
3. Dynamic labelling for DCMA compliance will also be managed by option settings. If this is switched on, a proposed option will be activated and the same can be updated by users also.
4. The option settings will provide for identification of applicable fields, their labels, corresponding combo values and mark them for auto generation as required. Parts / Part attributes can be associated to the applicable identifiers.
5. A new set option "Default Inventory Additional Info Option as per DCMA Compliance Requirement" is added under a new Category **Inventory Additional Information** with the Permitted Values of '0' for 'Not Required', '1' for 'Required'.
6. If Set Option "Default Inventory Additional Info Option as per DCMA Compliance Requirement" is set as "Required", then Metadata will be fetched in the **Manage Options for Additional Information** screen.
7. Supplementary Description is the User Defined Column when DCMA Set option is set as "Not required" and System Defined Metadata values will be fetched if the DCMA Set option is set as "Required".
8. If the Applicable Column is set as "Yes", then details given in the Supplementary Description will be fetched as separate columns in **Manage Additional Inventory Information** screen and same will be reflected in **Associate Entities** and **Manage Quick Codes** screens. (**Associate Entities** will be explained in detail in the part of the document)

9. If the Mandatory Column is set as “Yes”, then Values in **Manage Additional Inventory Information** screen will be validated for the Mandatory Entry.
10. Identifier # will be auto generated when Auto Gen. Required is set as “Yes”.

Exhibit 1: Identifies the **Manage Options for Additional Information** screen

#	Supplementary Code	Supplementary Description	Applicable?	Mandatory?	Auto Gen. Required?	Numbering Type	Entities Associated?	Created By	Created Date & Time
1	Identifier-1	Asset Tag #	Yes	Yes	Yes	INID1	Yes	System	12-02-2020 03:22:02 PM
2	Identifier-2	IUID #	Yes	Yes	Yes	INID2	Yes	System	12-02-2020 03:22:02 PM
3	Identifier-3	UII #	Yes	Yes	Yes	INID3	Yes	System	12-02-2020 03:22:02 PM
4	Identifier-4		No	No	No		No		
5	Identifier-5		No	No	No		No		
6	UDD-Combo-1	Asset Tag Status	Yes	Yes			NA	System	12-02-2020 03:22:02 PM
7	UDD-Combo-2	Asset Type	Yes	Yes			NA	System	12-02-2020 03:22:02 PM
8	UDD-Combo-3	IUID Status	Yes	Yes			NA	System	12-02-2020 03:22:02 PM
9	UDD-Combo-4	UII Virtual Status	Yes	Yes			NA	System	12-02-2020 03:22:02 PM
10	UDD-Combo-5	Issuing Agency Code	Yes	Yes			NA	System	12-02-2020 03:22:02 PM
11	UDD-Text-1	Entity Id	Yes	Yes			NA	System	12-02-2020 03:22:03 PM
12	UDD-Text-2	Remarks	Yes	Yes			NA	System	12-02-2020 03:22:03 PM
13	UDD-Text-3			No			NA		
14	UDD-Text-4			No			NA		
15	UDD-Text-5			No			NA		
16	UDD-Date-1	IUID Register Date	Yes	Yes			NA	System	12-02-2020 03:22:03 PM
17	UDD-Date-2			No			NA		
18	UDD-Date-3			No			NA		
19	UDD-Date-4			No			NA		
20	UDD-Date-5			No			NA		

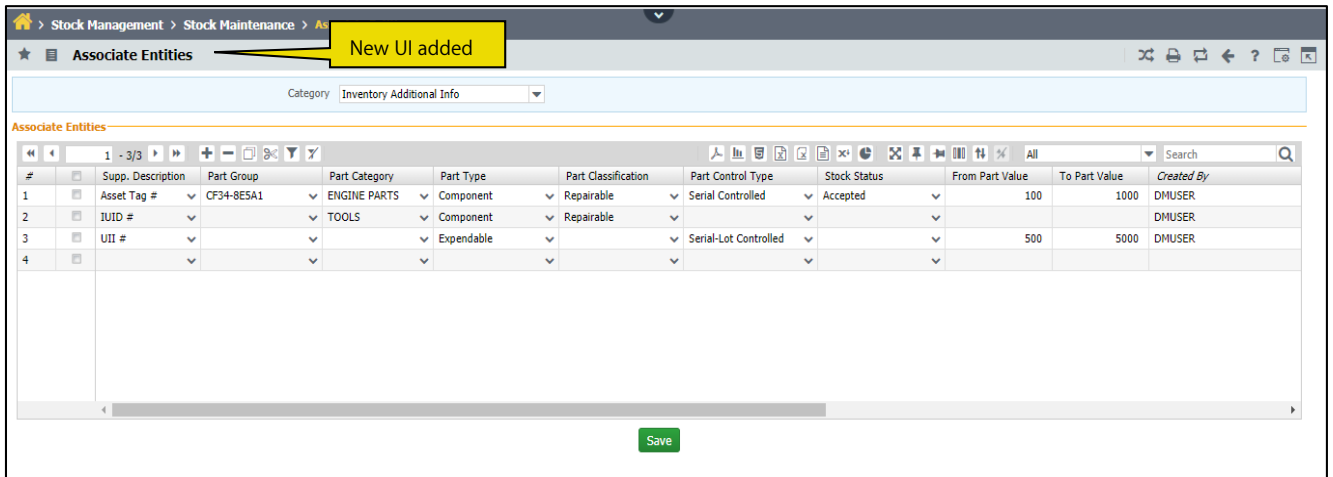
11. If the Set Option “Default Inventory Additional Info Option as per DCMA Compliance Requirement” is set as “Not required”, then blank screen will be launched and user can provide Identifiers values and combo values.
12. Dynamic Labelling for the screen **Manage Additional Inventory Information** will be retrieved based on the values given in the Supplementary Description Column in **Manage Options for Additional Information** screen.
13. **Associate Entities** screens will be able to define the Entities for Identifiers and Combo Values for the Unique Identifier can be added as Quick Code in the **Create Quick Codes** screen under the **Stock Maintenance** business component.

Note: If User defines any values in “Manage Options for Additional Information” screen manually, then Meta data cannot be retrieved (Like one time setup).

Associate Entities:

1. A New UI **Associate Entities** is added in the activity **Manage Options for Additional Information** to define the Part Attributes and Part Values for the Identifier # generation.
2. If the Entities Defined for Identifier 1 to Identifier 5 for particular Part Attributes and Part values, then Identifier # will be auto generated or user can manually provide Identifier # in the **Manage Additional Inventory Information** screen.
3. If the Part Attributes and Part Values associated for the Identifiers, then Entities Associated? Column in **Manage Options for Additional Information** is changed to “Yes” and vice-versa.

Exhibit 2: Identifies the **Associate Entities** screen



Manage Additional Inventory Information:

1. A new activity **Manage Additional Inventory Information** is added in the **Stock Maintenance** business component.
2. An Identifier # is generated for the Part # for the Part Attributes which are defined in the **Associate Entities** screen.
3. A new set option "Part Value Comparison for the Inventory Addl. Information" added under the Category '0' for 'Standard Cost', '1' for 'Standard Purchase Price' in **Set Inventory Process Parameters** screen.
 - If the Set option is set as "Standard Cost", then Identifier generation for the part Value by considering the Part Standard Cost.
 - If the Set option is set as "Standard Purchase Price", then Identifier generation for the part Value by considering the Part Standard Purchase Price.
4. Advanced Search screen having all Part Attributes for the easy retrieval of Exact Part #.
5. If the Additional Info. Req? check box is selected, then on search system will retrieve all the Parts which need Additional Information along with the already saved details in **Manage Additional Inventory Information** screen.
6. Links for **Inquire Stock Availability** and **View Part Supply Chain Performance** are added in the **Manage Additional Inventory Information** screen.

Exhibit 3: Identifies the Manage Additional Inventory Information screen

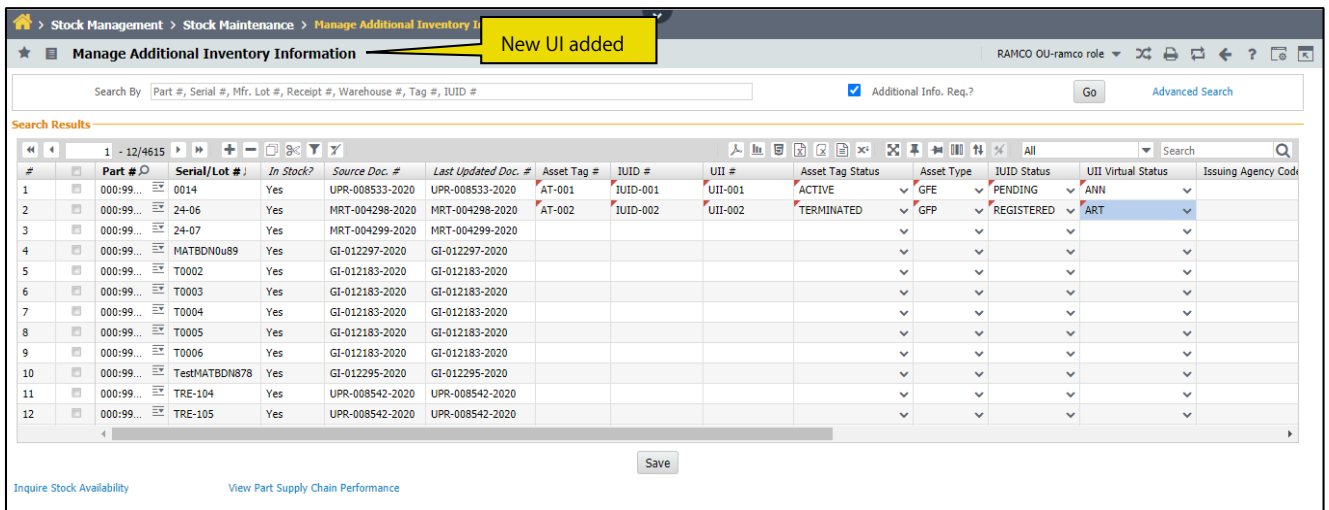
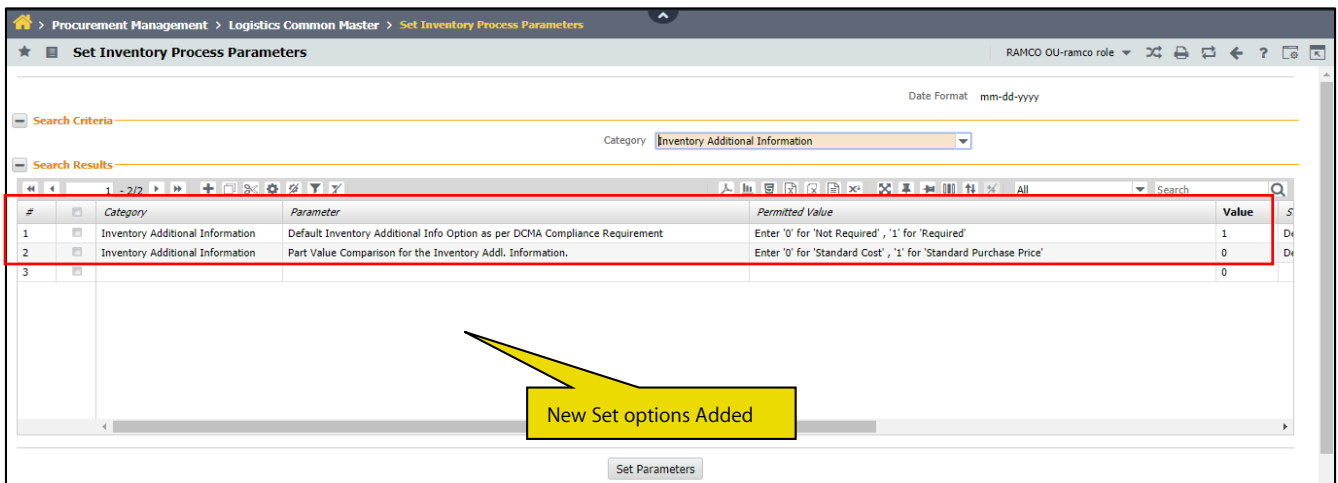


Exhibit 4: Identifies the set option in Set Inventory Process Parameters screen



WHAT'S NEW IN STOCK MANAGEMENT?

Ability to validate screened organizations using the Consolidated Screening List API and to have a report to view the output of the Screening List

Reference: APRP-1296, APRP-1299

Background

Organizations must comply with the regulations made by various departments that control Trade activities. Based on the regulations, certain individuals or organizations may be restricted. The International Trade Administration maintains a Consolidated Screening List of these restricted parties for organizations to check against. Business need is to automatically restrict the Supplier/Carrier Agency/Customer based on the Consolidated Screening List to mitigate any non-compliance risks and generate a new report to view all the entities that are restricted.

Change Details

- Standard API provided by the International Trade Administration will be used to identify the Individuals/Organizations who are screened and the score (derived based on matching logic by the API)
- Suppliers, Customers, Carrier/Agencies will be validated for screening and flagged as restricted automatically based on threshold (managed as process parameter).
- The entities restricted from the API can be viewed in the **Manage Part and Trade Restriction** screen.
- Restrictions removal can be made automatic based on option settings.
- An excel report is developed to view all the entities that are restricted.

Consolidated Screening List – API Information

- The Organizations/Individuals identified as screened by various departments are published as a CSV file by the International Trade Administration.
- An API to check if a given organization is a part of this CSV is also provided, which will check the Names/Alternate Names from the CSV file and provide a score that matches primarily based on spelling.

The following parameters are added in the **Set Inventory Process Parameters** activity of the **Logistics Common Master** business component under the Category Trade Compliance.

- Parameter "Screening List based restrictions"
Permitted Value: Enter '0' for Not Required '1' for Auto Hold and '2' for Auto Hold and Auto Release
- Parameter "Consider only exact matches for screening list based restrictions"
Permitted Value: Enter '0' for No and '1' for Yes
- Parameter "Threshold score for automatic Stock Restriction code definition"

Permitted Value: Enter a positive integer

- Parameter “Default Restriction code for Consolidated Screening List based restrictions”
Permitted Value: Enter a valid Restriction Code

- Parameter “Sources applicable for Consolidated Screening List Evaluation”
Permitted Value: Enter ‘1’ for ‘CAPTA’, ‘2’ for ‘DPL’, ‘3’ for ‘EL’, ‘4’ for ‘FSE’, ‘5’ for ‘DTC’, ‘6’ for ‘ISN’, ‘7’ for ‘PLC’, ‘8’ for ‘SSI’, ‘9’ for ‘SDN’, ‘10’ for ‘UVL’ (Use comma separator for multiple values)

Note: These sources alone are handled now and applicable only for USA Region

Exhibit 1: Identifies the Manage Part and Trade Restriction screen

#	Entity Type	Entity Code	Entity Description	Restriction Code	Restriction Source	Eff. From Date	Eff. To Date	From Restriction Status	To Restriction Status	Created By
31	Carrier	JK AGENT	VOLGA GROUP	Obsolescence	Regulatory Screening	05-01-2014		UNRESTRICTED	RESTRICTED	SYSTEM
32	Supplier	KL AGENT	Wong Yuh Lan	Obsolescence	Regulatory Screening	10-31-2011		UNRESTRICTED	RESTRICTED	SYSTEM
33	Carrier	RW35	OWQT	Obsolescence	Regulatory Screening	12-02-2020		UNRESTRICTED	RESTRICTED	SYSTEM
34	Carrier	TYU	BOSS	Obsolescence	Regulatory Screening	08-05-2019	07-28-2028	UNRESTRICTED	RESTRICTED	SYSTEM
35	Supplier	WR48	ZCVV	Obsolescence	Regulatory Screening	12-02-2020		UNRESTRICTED	RESTRICTED	SYSTEM
36	Carrier	XX22	HNVG	Obsolescence	Regulatory Screening	12-02-2020		UNRESTRICTED	RESTRICTED	SYSTEM
37	Supplier	XYZ AGENCY	Xianfa Lin	Obsolescence	Regulatory Screening	06-05-2014		UNRESTRICTED	RESTRICTED	SYSTEM
38	Customer	40001	AVEOS	Obsolescence	Regulatory Screening	10-09-2012		UNRESTRICTED	RESTRICTED	SYSTEM
39	Customer	4002	AIRBUS	Obsolescence	Regulatory Screening	12-02-2020		UNRESTRICTED	RESTRICTED	SYSTEM
40	Customer	CUST-000011-2015	CHPH	Obsolescence	Regulatory Screening	05-13-2015	08-25-2024	UNRESTRICTED	RESTRICTED	SYSTEM

Entities Restricted through API

New UI **View Screening Report** is added in the new activity **Reports – Screening Management** of the **Trade Compliance Management** component.

Exhibit 1: Identifies the View Screening Report screen

Stock Management > Trade Compliance Management > View Screening Report

View Screening Report

Search Criteria

Entity Type: 0 items selected
Source: 0 items selected
From Date: 12-27-2020
To Date: 01-27-2021

Print

New screen

Based on the values selected in the Search Criteria, an excel report will be generated. This report will have the details of the restricted entities like Restriction Code, Matching Score, and Source etc.

Exhibit 2: Identifies the Screening Report

Entity Details			Restriction Output					Restriction Details						
Entity Type	Entity Code	Entity Name	Restricted Entity Name	Alternate Names	Source	Address	Match Score	Curr. restriction	Restriction code	Eff. From	Eff. To	Created By	Created Date	Last Processed
Carrier	ABC AGENCY	ZHFU LIN	ZHFU LIN		Denied Persons List (DPL) - Bureau of Industry and		90.0	Yes	Obsolescence	Dec 22 2014	Nov 15 2023	System	Dec 11 2020	Dec 11 2020
Carrier	ABCD	xxx	HORIZON RX SYSTEMS		Denied Persons List (DPL) - Bureau of Industry and		90.0	Yes	Obsolescence	Sep 30 2014	May 22 2023	System	Dec 11 2020	Dec 11 2020
Carrier	RW35	OWQT	Ovet Chavira		ITAR Debarred (DTC) - State		90.0	Yes	Obsolescence	Dec 2 2020	Dec 2 2020	System	Dec 11 2020	Dec 11 2020
Carrier	TYU	BOSS	JUAN JESUS DE LA ROSA		Denied Persons List (DPL) - Bureau of Industry and		90.0	Yes	Obsolescence	Aug 5 2019	Jul 28 2028	System	Dec 11 2020	Dec 11 2020
Carrier	XX22	HNVG	John Dennis Tan Ong		ITAR Debarred (DTC) - State		90.0	Yes	Obsolescence	Dec 2 2020	Dec 2 2020	System	Dec 11 2020	Dec 11 2020
Supplier	12345	Potter	PETER STEVE PLESINGER		Denied Persons List (DPL) - Bureau of Industry and		90.0	Yes	Obsolescence	Apr 6 2018	Apr 26 2027	System	Dec 11 2020	Dec 11 2020
Supplier	98765	Harry	Hong Wei Xian		ITAR Debarred (DTC) - State		100.0	Yes	Obsolescence	Dec 2 2020	Dec 2 2020	System	Dec 11 2020	Dec 11 2020
Supplier	CS15	CBIY	MARJAN CABY		Denied Persons List (DPL) - Bureau of Industry and		90.0	Yes	Obsolescence	Jan 17 2020	Jan 16 2024	System	Dec 11 2020	Dec 11 2020
Supplier	FNC76	DA41	Amir Hossein Ardebili		ITAR Debarred (DTC) - State		90.0	Yes	Obsolescence	2 2020	2 2020	System	Dec 11 2020	Dec 11 2020
Supplier	GS30	Ramco2	Ramon Salazar-Rostro		ITAR Debarred (DTC) - State		90.0	Yes	Obsolescence	2 2020	2 2020	System	Dec 11 2020	Dec 11 2020
Supplier	MJS74	FUZ	Fu Chin Chung		ITAR Debarred (DTC) - State		90.0	Yes	Obsolescence	2 2020	2 2020	System	Dec 11 2020	Dec 11 2020
Supplier	SBM90	HU51	QIANG HU		Denied Persons List (DPL) - Bureau of Industry and		90.0	Yes	Obsolescence	Feb 3 2016	Jul 24 2024	System	Dec 11 2020	Dec 11 2020

New Report

Ability to automate Material Request fulfilment from other OU through inventory/procurement and manage excess returns

Reference: APRP-66

Background

Centralized Material Planning and Procurement is essential in business scenarios where multiple legal entities are modelled as Organization units but Material Planning and Procurement is still centrally managed. Business need is to identify the Planner OU and the Target OU and the Material Planning for the PBH Stock in the Target OU will be managed by replication of required transactions in the respective OU.

Change Details

Regular Procurement Scenario:

- Whenever Material Request with PBH Stock Status is authorized in Target OU, a material request will be auto replicated in the Planner OU only for the unsatisfied Qty. in the Target OU MR.
- Issue of Parts against the replicated MR represents the issue of parts to Target OU. Shipping Note will display the Customer Address as the Ship to address that will represent the Target OU.
- Parts shipped to the Target OU can be viewed in the **Inquire Material Count and Location Information** screen under the sub entity In Transit (to Target OU).
- On confirmation of General Issue in Planner OU, Purchase Request and Purchase Order will be auto generated in Target OU with Target OU MR Reference.
- Parts can be received in the Target OU with General Issue reference to receive PBH Stocks.
- When the parts are consumed in the Target OU i.e. Maintenance Issue confirmation, Replenishment Purchase Order will be triggered in the Planner OU based on the Replenishment Action and Replenishment Mode defined in the PBH agreement.

Drop Ship Scenario:

- When MR is replicated in Planner OU for the unsatisfied qty, based on the Stock Availability, the demand part will be drop shipped to Target OU.
- Purchase Order with Purpose as Drop Ship and receiving option as No GR should be created by the User in the Planner OU.
- On Authorization of PO in Planner OU, Purchase Request and Purchase Order will be auto generated in Target OU and is to be received against Goods Receipt.
- When the Parts are received in the Target OU, the Purchase Order and the Material Request in the Planner OU will be closed.
- When the parts are consumed in the Target OU i.e. Maintenance Issue confirmation, Replenishment Purchase Order will be triggered in the Planner OU based on the Replenishment Action and Replenishment Mode defined in the PBH agreement.

Core Return Cycle:

- Material Return should be created by the User, on confirmation of Material Return Unplanned

Issue in Fresh Status will be auto generated in Target OU.

- On confirmation of Unplanned Issue in Target OU, an Unplanned Return in Draft Status will be auto generated in Planner OU with remarks to indicate that it is auto generated from cross OU transactions.
- Parts returned from the Target OU can be viewed in the **Inquire Material Count and Location Information** screen under the sub entity In Transit (from Target OU).

Option Settings

The following parameters are added in the **Maintain Organization Parameters** activity of the **Organization Setup** business component under the Category 'Cross OU material planning and transfers (Target)'.

- Parameter "Centralized PBH Agreement managed by transacting company"
Permitted Value: Enter '0' for No and '1' for Yes
- Parameter "A/C Reg# to be considered for central PBH agreements"
Permitted Value: Enter valid A/C Reg# (use comma as separator for multiple values)
- Parameter "Auto Return of core parts to Material Planner"
Permitted Value: Enter '0' for Not Required, '1' for PBH Parts

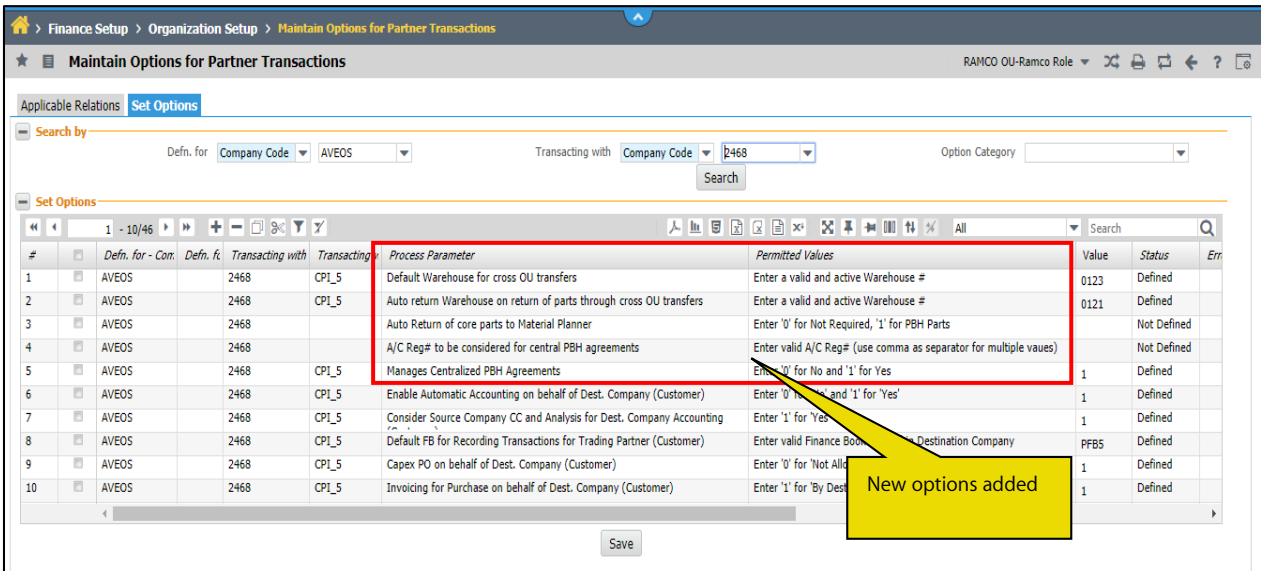
The following parameters are added under the Category 'Cross OU material planning and transfers (Planner)'.

- Parameter "Default Warehouse for cross OU transfers"
Permitted Value: Enter a valid and active Warehouse #
- Parameter "Auto return Warehouse on return of parts through cross OU transfers"
Permitted Value: Enter a valid and active Warehouse #

The following parameters are added in the **Set Inventory Process Parameters** activity of the **Logistics Common Master** business component under the Category 'Material Count and Location Information'.

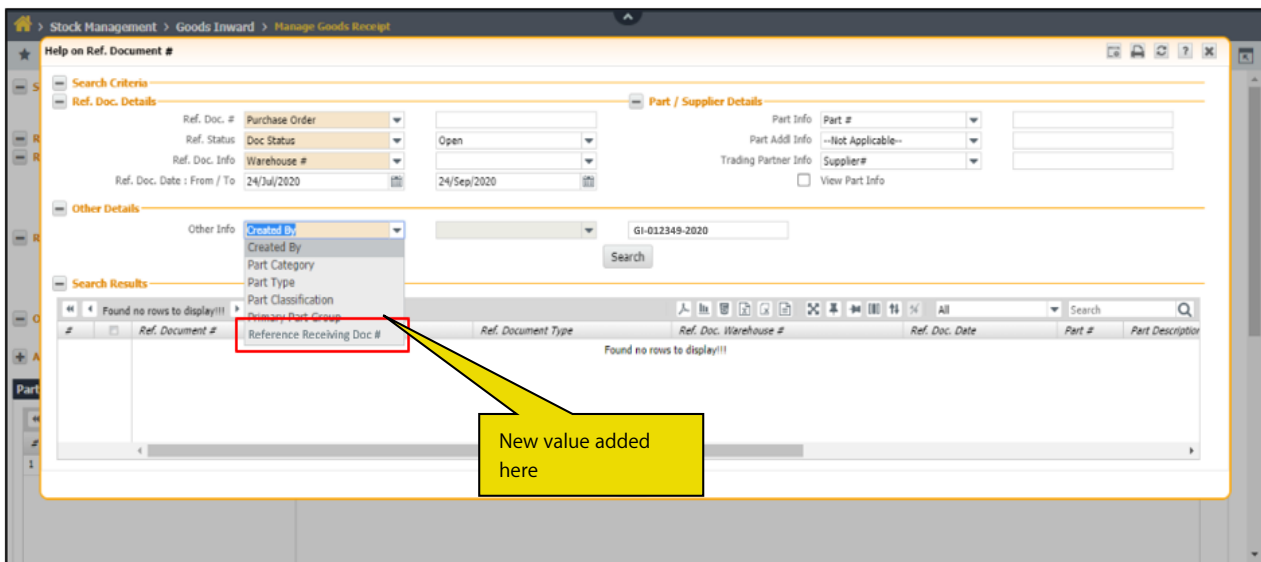
- Parameter "Display of "In Transit (to Target OU)" Sub Entity under"
Permitted Value: Enter '0' for 'Due in - Others', '1' for 'Due In - On Orders', '2' for Not Required
- Parameter "Display of "In Transit (from Target OU)" Sub Entity under"
Permitted Value: Enter '0' for 'Due in - Others', '1' for 'Due In - On Orders', '2' for Not Required

Exhibit 1: Identifies the **Maintain Options for Partner Transactions** screen



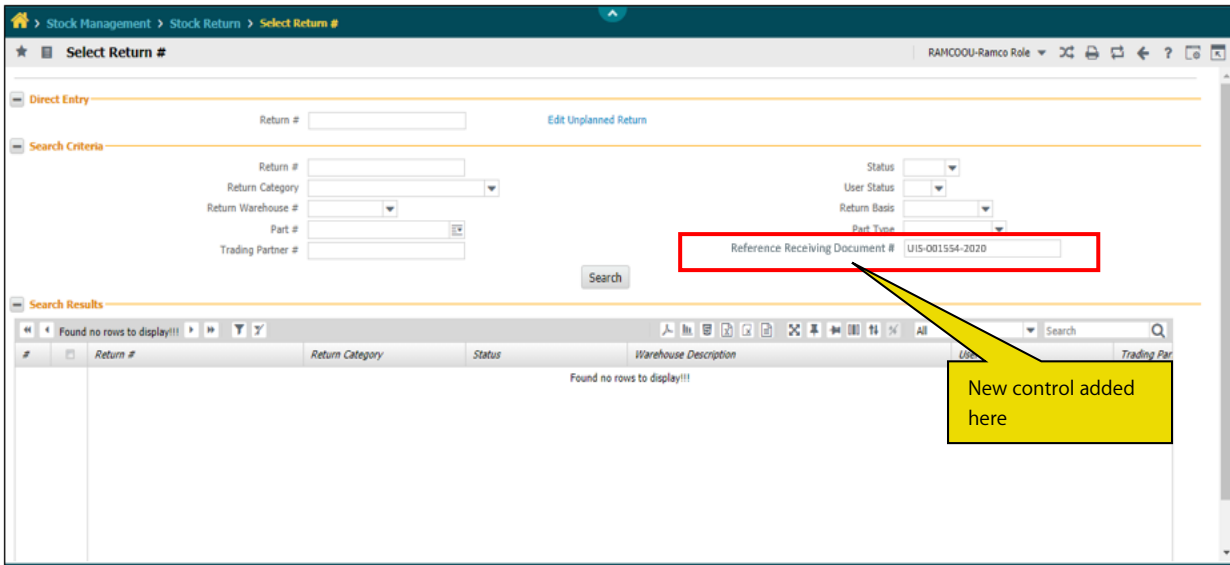
New field 'Reference Receiving Doc. #' will be added in the Other Info combo of the **Help on Ref. Document #** screen in the **Manage Goods Receipt** activity in Target OU. This field will support the General Issue # (from Planner OU) for Regular Procurement scenario and Purchase Order # (from Planner OU) for Drop ship scenario to retrieve the Purchase Order generated in Target OU.

Exhibit 2: Identifies the **Help on Ref. Document #** screen



New control Reference Receiving Doc. # will be added in the **Select Return #** screen of the **Edit/View/Confirm Unplanned Return** activities of the Planner OU. This field will support the Unplanned Issue # (from Target OU) to retrieve the Unplanned Return generated in Planner OU.

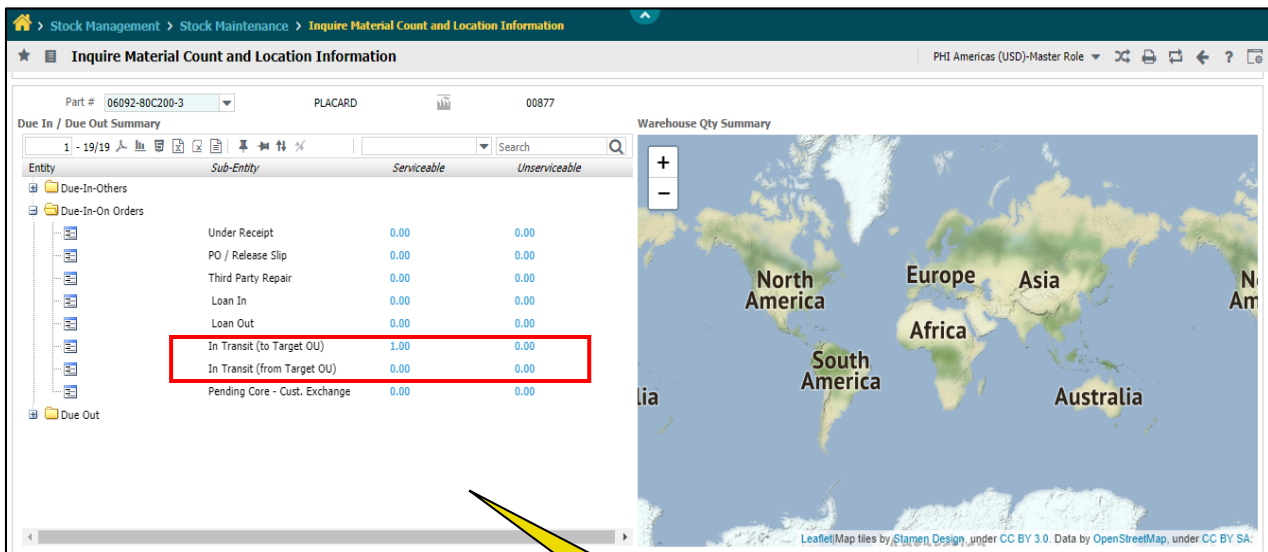
Exhibit 3: Identifies the **Select Return #** screen



New sub entity 'In Transit (to Target OU)' and 'In Transit (from Target OU)' will be added in the 'Due In / Due Out Summary' section of the **Inquire Material Count and Location Information** screen.

- The 'In Transit (to Target OU)' will display the qty shipped out of the Planner OU to the Target OU (General Issue confirmed qty in Planner OU – qty not received in Target OU)
- The 'In Transit (from Target OU)' will display the qty returned from the Target OU (Unplanned Issue confirmed qty in Target OU – Unplanned Return confirmed qty in Planner OU)
- On click of the qty In 'Transit (to Target OU)' and 'In Transit (from Target OU)', breakup of the quantity can be viewed in View Quantity Breakup Details screen

Exhibit 4: Identifies the **Inquire Material Count and Location Information** Screen



New values 'Ser- In Transit (to Target OU)', 'U/s- In Transit (to Target OU)', 'Ser- In Transit (from Target OU)', 'U/s- In Transit (from Target OU)' will be loaded in the Entity type combo in the **View Quantity Breakup Details** screen.

Based on the value selected in the combo, the breakup details of the Part can be viewed in the multiline.

Exhibit 5: Identifies the **View Quantity Breakup Details** Screen

The screenshot displays the 'View Quantity Breakup Details' screen. The breadcrumb trail is 'Stock Management > Stock Maintenance > View Quantity Breakup Details'. The main title is 'View Quantity Breakup Details'. Below the title, there is a section for 'Entity & Part Information' with a dropdown menu for 'Entity' set to 'Ser- In Transit (to Target OU)', a 'Part #' field with '02017-0133-0007', and a 'Part Description' of 'COMPUTER, AIR DATA'. Below this is a section for 'Qty Breakup Details' which contains a table with two rows of data. The table has columns for #, Part #, Part Description, Sub-Entity, Document #, Document Date, Mfr. Serial #, Serial #, Mfr. Lot #, Lot #, Component #, and Qty.

#	Part #	Part Description	Sub-Entity	Document #	Document Date	Mfr. Serial #	Serial #	Mfr. Lot #	Lot #	Component #	Qty
1	02017-0133-1	COMPUTER, AIR DATA	Ser- In Transit (to Tarç		01/18/2021		1				
2	02017-0133-1	COMPUTER, AIR DATA	Ser- In Transit (to Tarç		01/18/2021		2				

Pre-Requisites:

- Initially the Planner OU and the Target OU should be identified.
- Options settings should be defined in the **Maintain Organization Parameters** activity of the Organization Setup business component.
- Part # and Supplier # data to be replicated in both OUs.
- Planner OU to be defined as a group company supplier in Target OU.
- Similarly, Target OU to be defined as group company customer in Planner OU.
- Aircrafts for which centralized procurement is required should be replicated in both OUs.
- Target OU to have the third party PBH agreements also defined as in the Planner OU.
- Purpose 'Drop Ship' to be defined in **Manage Logistics Quick Code** screen for the Drop Ship PO.

WHAT'S NEW IN PROCUREMENT MANAGEMENT?

Ability to identify the restricted Supplier/Carrier/Partner Function and to validate the Transactions based on restriction

Reference: APRP-1297, APRP-1298

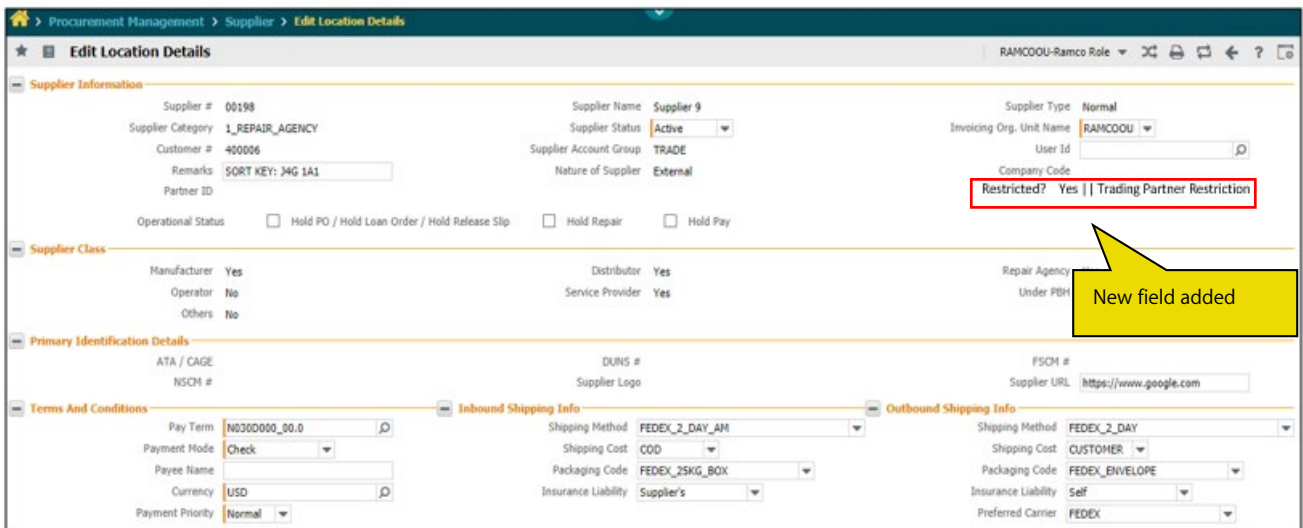
Background

Supplier, Carrier Agency, Partner function can be restricted using a restriction code in the Manage Part and Trade Restriction Activity. This restriction can either be manual or automatic based on the API output. Currently there is no provision to view the restricted flag and the restriction code in the Supplier, Carrier and Partner Function master screen. Need is to provide the visibility of Restriction flag and code in Supplier, Carrier and Partner Function master screen and also to restrict the Purchase Order, Loan Order, Rental Order, Repair Order, Goods Receipt transactions for the restricted entities.

Change Details

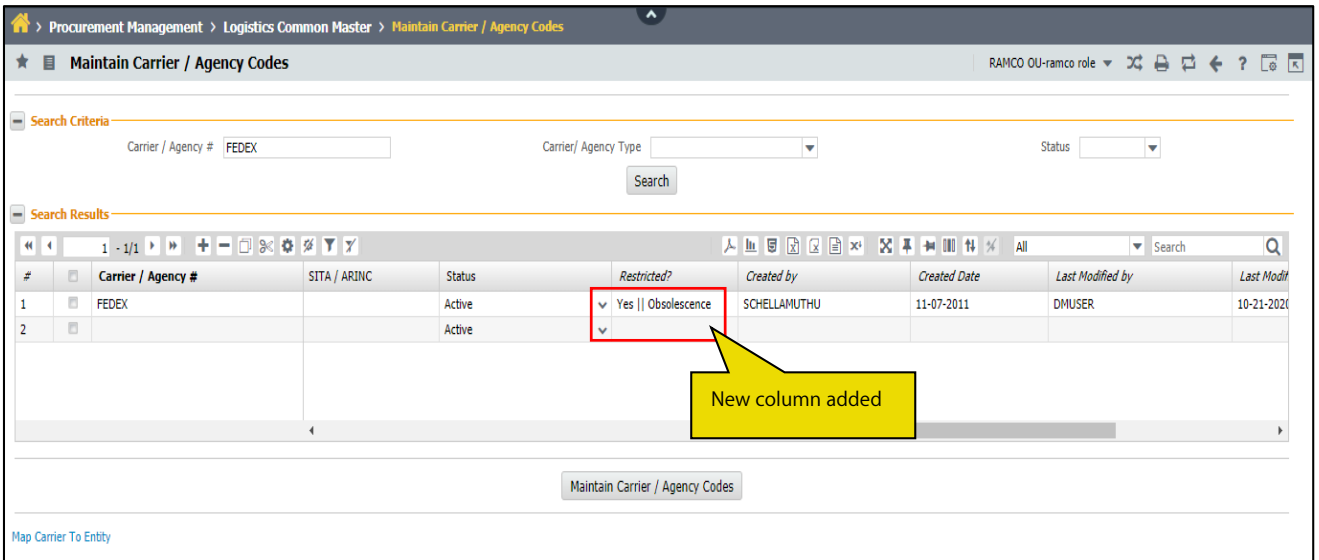
A new field 'Restricted?' is added in **Edit Supplier Details, Edit Location details, View Supplier Details, View Location Details** activities of the **Supplier** Component. This field will display Yes and the restriction code from the **Manage Part and Trade Restriction** activity if the Supplier is restricted for the Current Date or else No.

Exhibit 1: Identifies the Edit Location Details Screen



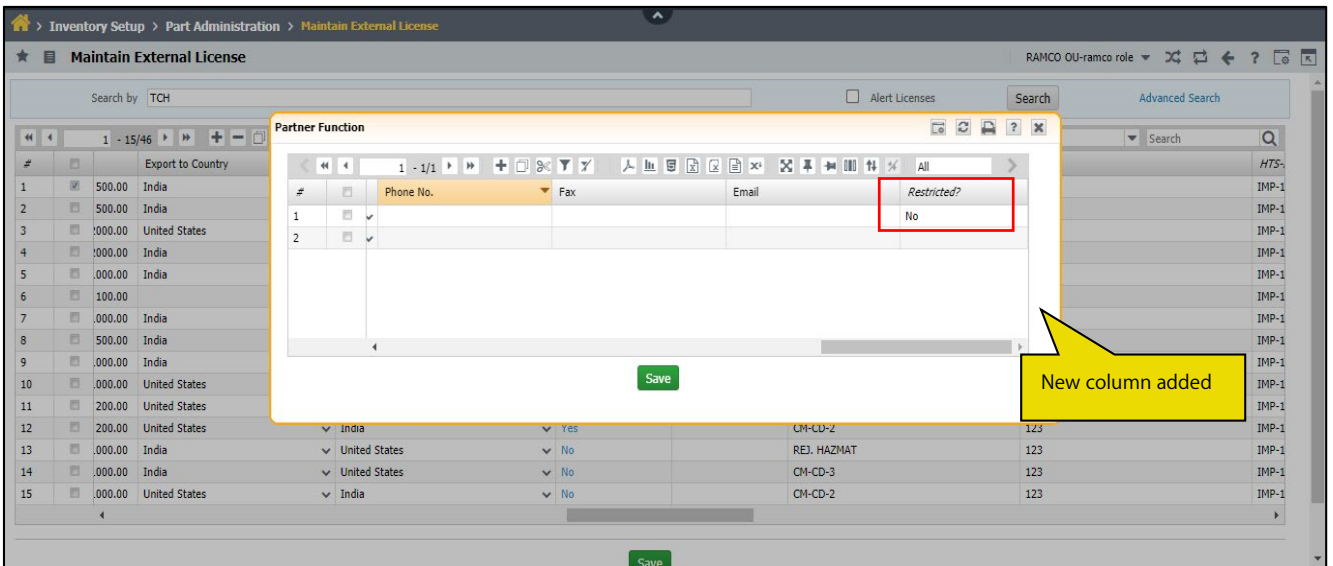
A new column Restricted? Is added in **Maintain Carrier/Agency Codes** Activity of the **Logistics Common Master** Component. This field will display "Yes" and the restriction code from the **Manage Part and Trade Restriction** activity, if the Carrier/Agency is restricted for the Current Date, else "No".

Exhibit 2: Identifies the **Maintain Carrier/Agency** screen



A new column 'Restricted?' is added in **Partner Function** UI of the **Maintain External License** activity. This field will display "Yes" and the restriction code from the **Manage Part and Trade Restriction** activity, if the Partner Nature is restricted for the Current Date, else "No".

Exhibit 3: Identifies the **Partner Function** Screen



Based on the option settings defined for the Restriction Code in the **Set Process Parameters** activity of the **Common Master** business component the following transactions will be restricted from Creation/Confirmation/Authorization if the restricted Part #, Supplier, Customer, Country, Mfr. Serial #, Mfr. Lot # from the **Manage Part and Trade Restriction** activity is used in the transaction.

- Purchase Order
- Loan Order
- Loan Receipt

- Repair Order
- Goods Inward – Regular Purchase
- Goods Inward – Customer Goods Receipt
- Goods Inward – Repair Receipt

Note: Restriction is also applicable for the auto generated Purchase Order and Repair Order.

Exhibit 4: Identifies the **Create Purchase Order** screen

The screenshot displays the 'Create Purchase Order' screen in the Ramco system. A 'Virtual Works™ Message' dialog box is open, displaying an error: 'Unable to process row # "1". The given Part # "PL-002" is restricted for Supplier "MK03" from "Argentina".' The message includes a 'Details' link and an 'Ok' button. The background shows a table with columns for Part #, Doc Attach?, Insp. WO?, Core Part #, Core Serial #, Core Lot #, Customer #, and Customer Name. The table contains two rows, with the first row (row # 1) having Part # PL-002 and Doc Attach? No. Below the table, there are several buttons and links for editing and viewing details, such as 'Get Part Details', 'Create Purchase Order', and various 'Edit' and 'View' options.

#	Part #	Doc Attach?	Insp. WO?	Core Part #	Core Serial #	Core Lot #	Customer #	Customer Name	Line #
1	PL-002	No	Not Required						
2		No	Not Required						

WHAT'S NEW IN CREATE AND AUTHORIZE REPAIR ORDER?

Ability to have a dashboard to create/review Repair Order for authorization eligibility

Reference: APRP-1411

Background & concept

Repair Administrators review various aspects of the components/parts for repair before deciding to create, authorize or reject an order. These aspects will be driven by inherent set of rules that they look into before taking a final decision. Below are some of the areas that they pertain to:

- Current contract & other contracts
- Current Repair Price & Repair Price History
- Open demands for the part & Stock availability
- Maintenance details of the part/serial

Business need is to have a quick review board with key indicators and snapshot details of the same.

Change Details

A new popup **Review Repair Order** is introduced that will be available in Create Repair Order, Parts and Authorize Repair Order screen with color indicator derived based on the rules at Repair Order Level.

- The pop up will display indicators at order/line/ rule level.
- Rules are managed through new process parameters covering cost, demand and work scope related options.
- Key aspects of the Part/Serial No. will be available for reviewing on the Create Repair Order and Unserviceable Component / Parts screens, before creating the order for repair.
- Key aspects of the Repair Order will be available for instant reviews at summary/ detail level, when launched from the Authorize Repair Order screen, for approving the Repair Order.
- Quick Links will be available to key screens to review more details.

Option Settings:

The following option settings are added under Purchase Options Setting, in the category "Review Repair Order". in the **Logistics Common Master** business component.

1. Process Parameter for Cost Rules in the Review RO

Process Parameter	Permitted Values	Remarks
History Period to be considered to compute the Average Repair Cost. (in Number of months)	Enter a integer value	
Level of computation of Average Repair Cost	Enter '0' for the Part Level, '1' for Part –Serial level, '3' Part – Repair Process Level,'4' for Part – Serial- Repair Process Level	
Indicate Green when Repair Cost is less than or equal to Average Repair cost.	Enter '0' for Not Required, '1' for Required.	Indicator will be red in case of beyond tolerance limit shown in the option below.
Tolerance Limit to indicate Orange when repair costs exceeds Average Repair Cost. (In %)	Enter an integer value	Within tolerance will indicate orange.
Indicate green when Repair Cost is less than or equal to Contracted cost.	Enter '0' for Not Required, '1' for Required.	Indicator will be red in case of beyond tolerance limit shown in the option below.
Tolerance Limit to indicate Orange when Repair cost exceeds Contracted cost.	Enter an integer value	Within tolerance will indicate orange.
Consider All supplier for computation of Average Repair Cost.	Enter '0' for Not Required, '1' for Required.	If the set option set as required then Average Repair cost will computed with all suppliers

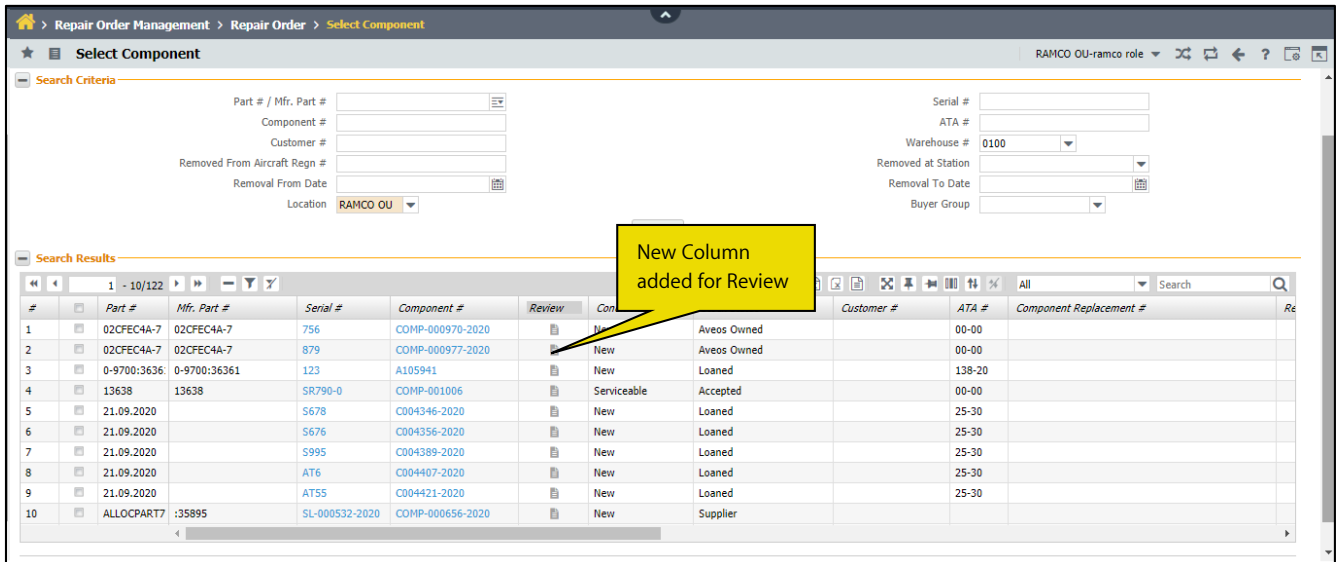
2. Process Parameter For Demand Rules in the Review RO

Process Parameter	Permitted Values	Remarks
<p>Indicate green when Current Quantity is lesser than Target Qty</p> <p>Note: For option settings based on Current Quantity and Target Qty, please refer EN Notification-Ability to Inquire Material Count Summary in various places</p>	Enter '0' for Not Required, '1' for Required.	Current Quantity= Stock Quantity + Due-Ins – Due Outs
<p>Tolerance Limit to indicate Orange when Current Quantity exceeds Target Qty</p> <p>Note: For option settings based on Current Quantity and Target Qty, please refer EN Notification-Ability to Inquire Material Count Summary in various places</p>	Enter an integer value	
<p>Indicate green when there are no exchange purchase core dues.</p>	Enter '0' for Not Required, '1' for Required.	If there are core dues, it would be better to route parts thru' the purchase order and not manage a new repair order.
<p>Level of Consideration of the Target Qty</p>	Enter '0' for 'Warehouse level', '1' for 'Part Level'	

3. Process Parameter For Work scope Rules in the Review RO

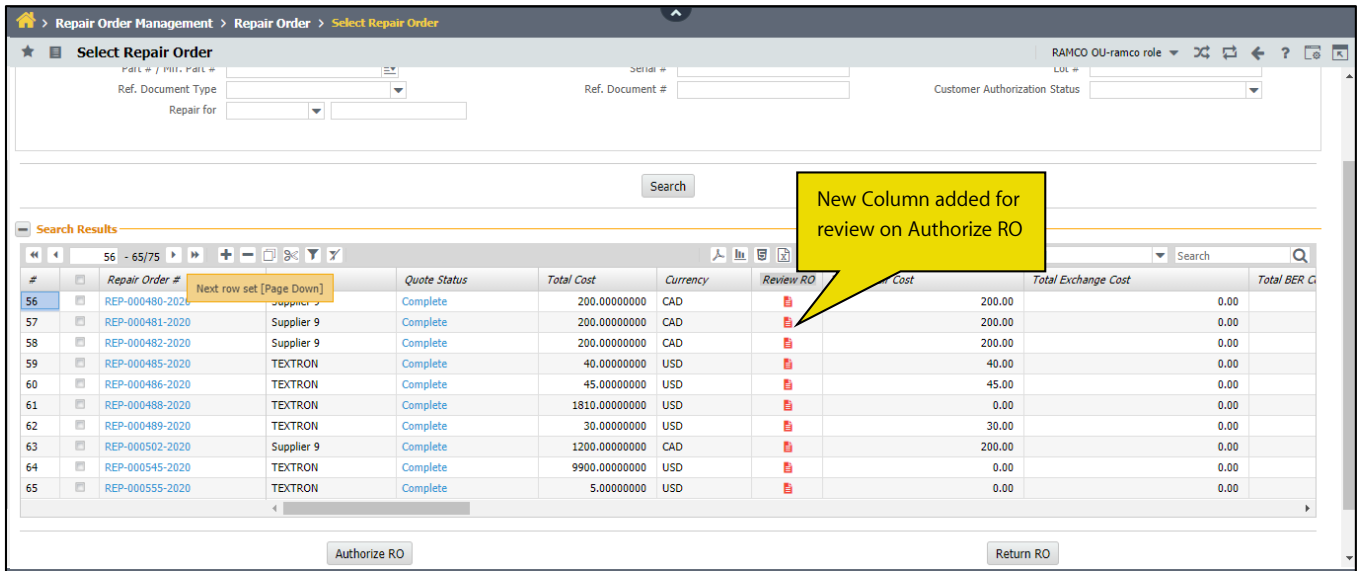
Process Parameter	Permitted Values	Remarks
Threshold Limit (in Days) for Work scope based Rules.	Number of Days	
Indicate Green when due tasks Exist for the repair part and are beyond Threshold Limit	Enter '0' for Not Required, '1' for Required.	Beyond Thresh hold will indicate green and within threshold will indicate orange
Indicate Green when Overdue tasks Exist for the repair part.	Enter '0' for Not Required, '1' for Required.	1) If Overdue task exists, display Green 2) If overdue task doesn't exist, display Red.
Indicate Green when the Open SB/AD Exist for the repair part.	Enter '0' for Not Required, '1' for Required.	1) If the Open SB/AD exist display the Green 2) If the Open SB/AD doesn't exist display the Red.

Exhibit 1: Select screen of Create RO



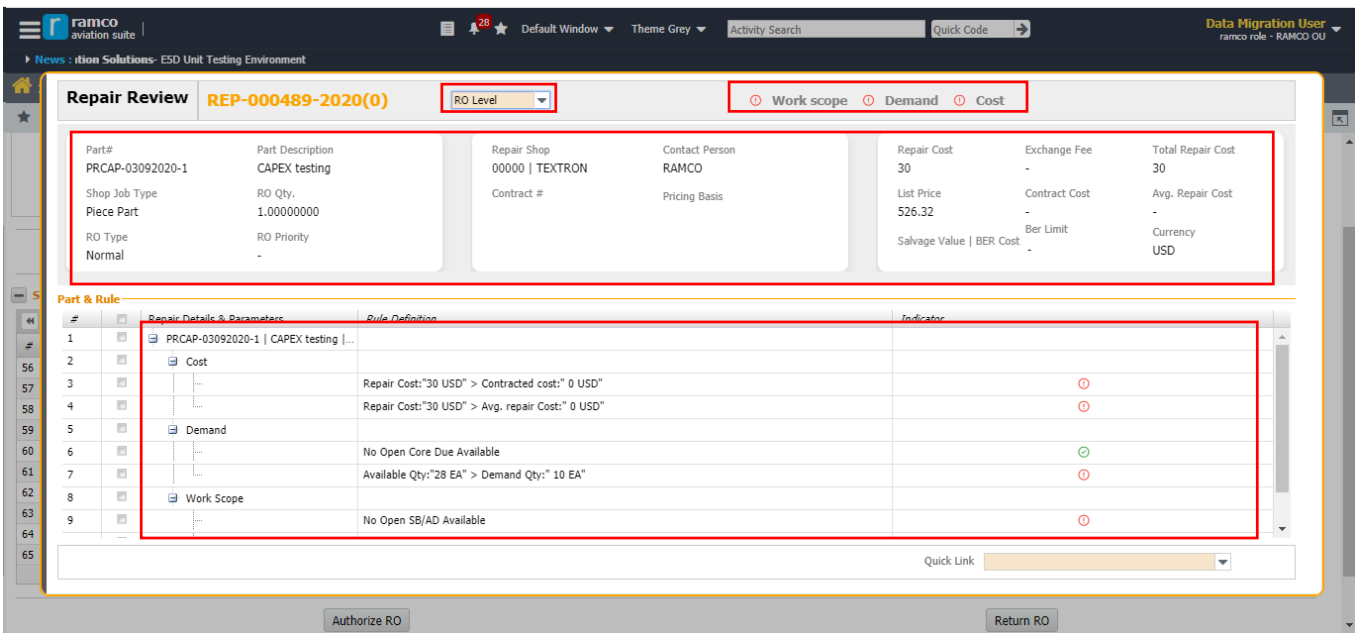
- New indicator column to view the Part/ Serial no. details before creating an RO.
- This popup will also be made available from View Repair Order.
- Icons can be clicked on to open the popup screen for further review.

Exhibit 2: Entry Screen of the Authorize RO



- New column to view the Review Repair order popup.
- This popup will also be made available from View Repair Order
- Icon will represent the derived color based on the rules at RO level considering hierarchy of Red , Orange and Green

Exhibit 3: Component Repair Order



- Order Level Traffic Light indicator
- Parameter Level Traffic Light indicator with defined rules and values.
- Cost Rules:
 - Avg. Cost: Based on history period to be considered to compute the Average Repair Cost. (In Number of months)

- b. Level of computation of Average Repair Cost: Part Level , Part –Serial level, Part – Repair Process Level, for Part – Serial-Repair Process Level
 - c. Indicate Green when Repair Cost is less than or equal to Average Repair cost.
 - d. Tolerance Limit to indicate Orange when repair costs exceeds Average Repair Cost.
 - e. Indicate green when Repair Cost is less than or equal to Contracted cost.
 - f. Tolerance Limit to indicate Orange when Repair cost exceeds Contracted cost.
- Demand Rules:
- a. Indicate green when Current Quantity is lesser than Target Qty. (Min Qty. or Re-Order Qty)
 - b. Tolerance Limit to indicate Orange when Current Quantity exceeds Target Qty. (Min Qty. or Re-Order Qty.)
 - c. Indicate green when there are no exchange purchase core dues
- Work scope Rules:
- a. Threshold Limit (in Days) for Work scope based Rules
 - b. Indicate Green when due tasks Exist for the repair part and are beyond Threshold Limit
 - c. Indicate Green when overdue tasks exist for the repair part
 - d. Indicate Green when the Open SB/AD Exist for the repair part

Exhibit 4: Piece Part Repair Order

The screenshot displays the 'Repair Review' interface for a Piece Part Repair Order (REP-000489-2020(0)). The interface is divided into several sections:

- Header:** Includes the Ramco logo, user information (Data Migration User), and navigation options.
- Repair Review Tab:** Shows the order ID (REP-000489-2020(0)) and a dropdown menu for 'Line Level' set to '1'. There are three radio buttons for 'Work scope', 'Demand', and 'Cost', all of which are currently unselected.
- Part & Rule Table:** A table with columns for '#', 'Repair Details & Parameters', 'Rule Definition', and 'Indicator'. The table lists several rules:

#	Repair Details & Parameters	Rule Definition	Indicator
1	Cost		
2		Repair Cost: >30 USD > Contracted cost: > 0 USD	○
3		Repair Cost: >30 USD > Avg. repair Cost: > 0 USD	○
4	Demand		
5		No Open Core Due Available	●
6		Available Qty: >28 EA > Demand Qty: > 10 EA	○
7	Work Scope		
8		No Open SB/AD Available	○
9		No Over Due Task Available	○
- Buttons:** 'Authorize RO' and 'Return RO' buttons are visible at the bottom.

- Rules would be same as mentioned for **Exhibit 3**
- Review of the Piece part RO at Order level
- Part level information for Piece part RO

Exhibit 5: Piece Part Repair Order (Line Level)

Repair Review REP-000489-2020(0)

Line Level | 1 | Work scope Demand Cost

Part#	Part Description	Repair Shop	Contact Person	Repair Cost	Exchange Fee	Total Repair Cost
PRCAP-03092020-1	CAPEX testing	00000 TEXTRON	RAMCO	30	-	30
Shop Job Type	RO Qty./SL/Lot#	Contract #	Pricing Basis	List Price	Contract Cost	Avg. Repair Cost
Piece Part	1.00000000 LOT-008101-2020			526.32	-	-
RO Type	RO Priority			Salvage Value BER Cost	Ber Limit	Currency
Normal	-			-	-	USD

#	Repair Details & Parameters	Rule Definition	Indicator
1	Cost		
2		Repair Cost:"30 USD" > Contracted cost:" 0 USD"	⊙
3		Repair Cost:"30 USD" > Avg. repair Cost:" 0 USD"	⊙
4	Demand		
5		No Open Core Due Available	⊙
6		Available Qty:"28 EA" > Demand Qty:" 10 EA"	⊙
7	Work Scope		
8		No Open SB/AD Available	⊙
9		No Over Due Task Available	⊙

Quick Link: [Dropdown]

Buttons: Authorize RO, Return RO

- Rules would be same as mentioned for Exhibit 3
- Contract Icon indicating other alternate existing suppliers for repair
- BER Icon indicating economic feasibility of repair
- Quick Links for Detail Review (ref. exhibit 6)

Exhibit 6: Quick Links

Repair Review REP-000609-2020(1)

Work scope Demand Cost

Part#	Part Description	Repair Shop	Contact Person	Repair Cost	Exchange Fee	Total Repair Cost
VR12404-6	VR12404-6	00198 Supplier 9	OV01 - JENIC BELANGER	-	-	-
Shop Job Type	Serial/Lot#	Contract #	Pricing Basis	List Price	Contract Cost	Avg. Repair Cost
Component	VF-004			1000	-	320
RO Type	RO Priority			Salvage Value BER Cost	Ber Limit	Currency
Normal	-			1000 100	10 ↑	CAD

#	Repair Details & Parameters	Rule Definition	Indicator
1	Cost		
2		Repair Cost:"0 CAD" = Contracted cost:" 0 CAD"	⊙
3		Repair Cost:"0 CAD" < Avg. repair Cost:" 320 CAD"	⊙
4	Demand		
5		No Open Core Due Available	⊙
6		Available Qty:"11 EA" < Demand Qty:" 12 EA"	⊙
7	Work Scope		
8		No Open SB/AD Available	⊙
9		No Over Due Task Available	⊙

Quick Link: [Dropdown]

Buttons: Authorize RO, Return RO

Quick Links (highlighted): Contract Info., Repair Cost History, Inquire Material Count & Location, IMPUC, Part -Serial

Quick Links to:

- **View Contract Info** to review the contract #, details of the supplier and other relevant details
- **View Repair Cost History** screen to review work scope level costs, material costs, spares info, etc.
- **Initialize Maint. Prog. & Update Compliance (IMPUC)** to Review over Due Tasks, Due Tasks, SB/AD's and other details.
- **Inquire Material Count and Location** to review Stock Quantity, Due Ins and Due Outs.
- View the Part-Serial Name Plate.

WHAT'S NEW IN REPAIR ORDER?

Ability to persist Repair Instruction and Component Reliability Indicators against a RO

Reference: APRP-1418

Background

Maintenance Tasks are currently the only way to identify a Maintenance activity that needs to be carried out in a Component. However, there are certain instructions that could not be modeled as a Standard Maintenance task. These get added as Non-Standard Tasks/Non-Routines in Shop Work Order and Repair Orders respectively, during the execution. These instructions are in general identified by the Engineering (or Tech Records) team and the Shop/Repair Planner, adds them in the respective Repair Orders. Some of the sources for these instructions are definition of an Engineering Order, Reliability Analysis of a Component, etc.

In this enhancement, Assessment type and the Repair instruction for the Part-Serial # combination will be persisted once the Repair order is shipped to Vendor.

Change Details

1. In the **Create, Edit and View Repair Order** screens, a new column "Assessment Type " is added in the Maint. Object Details multiline.
2. In the **Manage Repair Quote** screen, new controls "Assessment Type" and "Repair Inst." are added in the "Repair Quote" multiline. **View Repair Instructions** link is added along with other links.
3. The column "Repair Inst." will indicate the availability of any repair instructions defined for the Part / Part-Serial/Lot # combination, in the Notes link available in Reliability Dashboard and Manage Engineering Document screens.
4. The column "Assessment Type" will indicate the availability of any Assessment Type defined for the Part / Part-Serial# combination, in Reliability Dashboard screen.

Exhibit 1: Identifies the Repair Instructions and Assessment Type Scrap in Manage Repair Quote screen.

The screenshot shows the 'Manage Repair Quote' interface. At the top, there are summary cards for 'Total Repair Cost' (1.00), 'Total Exchange Cost' (0.00), 'Total BER Cost' (0.00), 'Total Salvage Cost' (0.00), 'Total Cost' (1.00), and 'Base Currency Value' (1.43). Below this is a table with columns: #, Line / Part #, Part Type, Facility Object #, Mfr. Serial #, Mfr. Lot #, Assessment Type, Repair Inst., and Facility Type. The first row contains data: 1, 1/767C0000-01:F1958, Component, test-end-cmc-22. A red box highlights the 'Assessment Type' and 'Repair Inst.' columns. A yellow callout points to these columns with the text 'Controls to view the Repair Instructions and Assessment'. Below the table is an 'Other Details' section with a 'Save' button and a 'Confirm' button. A list of links is provided, including 'View Repair Instruction' which is highlighted with a red box and a yellow callout that says 'Link to view Repair Instructions'. Other links include 'Record Material Cost', 'Upload Documents', 'Maintain Repair Shop Correspondence', 'View Issue Details', 'View Invoice', 'View Part Repair Shop Manning', 'Record Discrepancy Analysis', 'Edit TCD', 'View Associated Doc. Attachments', 'View Material Costs', 'Review Component Removal Assessment', 'Edit Terms and Conditions', 'Edit User defined Details', 'Generate RO Report', 'Inquire Part Float Summary', 'View Parameter Information', 'View Part Supply Chain Performance', 'View TCD', and 'View Contract Information'.

Ability to identify Reason for scrap in Repair Order

Reference: APRP-1423

Background

In this enhancement Repair Administrators can identify the Reason for the scrap while quoting the Repair Order. When the Repair Order is BER closed, Repair Administrators can tag the reason for the scrap in the Repair Order and same will be carry forwarded to the Scarp Note.

Change Details

1. In the **Manage Repair Quote** screen, a new combo control "Reason for Scrap" is added in the "Repair Quote" multiline.
2. In the **Authorize Repair Order** screen, a new display only control "Reason for Scrap" is added in the "Search" multiline.
3. On Authorization of the Repair order, if the RO has BER and Salvage Action by the Repair Shop, "Quotation Comment" in the **Manage Repair Quote** will be updated "Comments" of the Scrap Note
4. The "Reason for Scrap" in the **Manage Repair Quote** will be updated to "Reason for Scrap" of the Scrap Note.

Exhibit 1: Identifies the Reason for Scrap in **Manage Repair Quote** screen

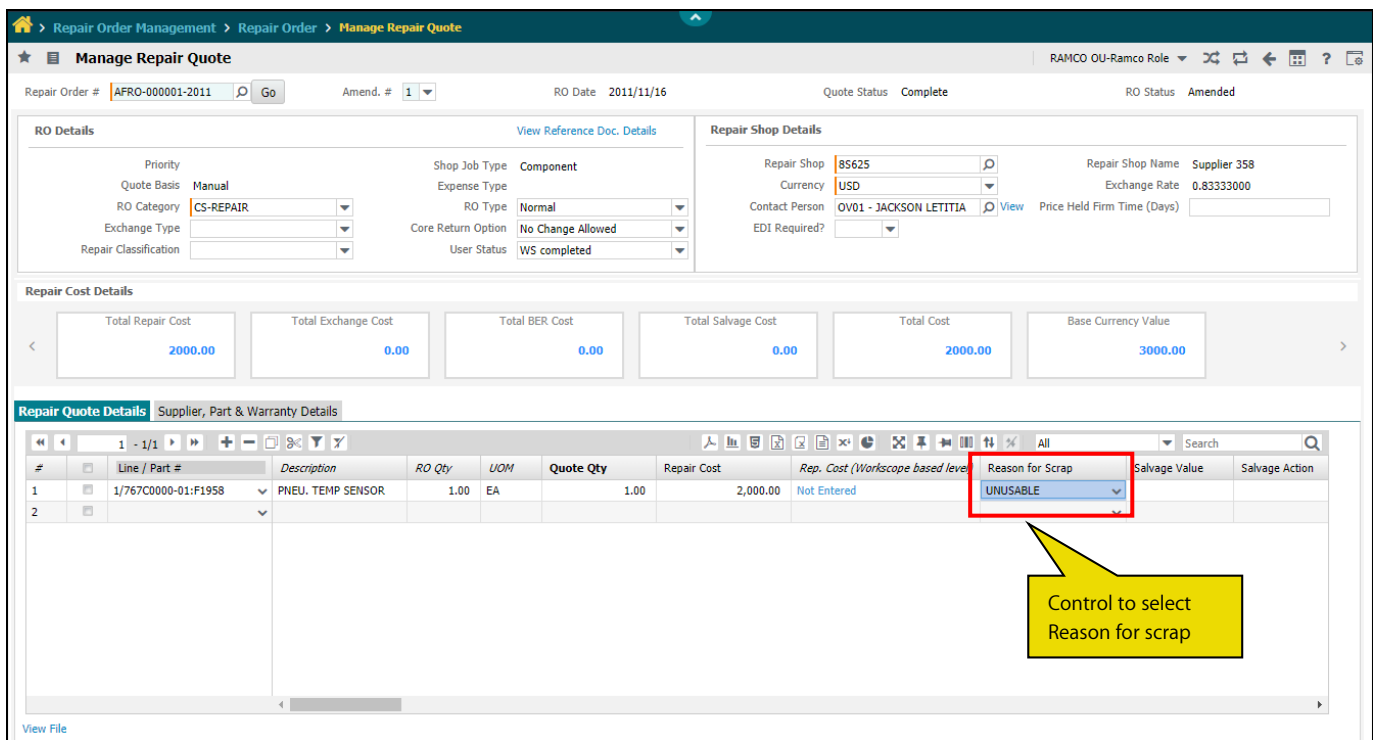


Exhibit 2: Identifies the 'Reason for Scrap' in Authorize Repair Order screen

Repair Order Management > Repair Order > Select Repair Order

★ Select Repair Order RAMCO OU-Ramco Role

Primary Search Criteria | Advanced Search Criteria

Repair Order # Shop Job Type Status

Repair Shop # RO Date: From / To RO Date To

Buyer Group RO Category Customer #

Part # / Mfr. Part # Serial # Lot #

Ref. Document Type Ref. Document # Customer Authorization Status

Repair for

Search

Search Results

36 - 45/51

#	Repair Order #	Reason for Return	User Status	Override BER Limit	Reason for Scrap	Part #	Part Description	Serial #
36	AFRO-002810-2017			No		0-0511-4-00		
37	AFRO-002815-2017			No		050554-2:83		
38	AFRO-002821-2017			No		Multiple		
39	AFRO-002827-2018			No		314221-142#	314221-142A	2
40	AFRO-002871-2019			No		0000016344:		
41	AFRO-002901-2020			No		0000:4373A	PRES 0-30PSI 3" GAUGE	62
42	AFRO-002972-2020			No		0000:15826	HI SPEED GRINDER	6868678
43	AFRO-002973-2020			No		EORO1	parts are mod upgrade	686876
44	AFRO-003000-2020			No		000:99999	ELECTRICAL TEST HARNESS	TV89000
45	REP-000159-2017			Yes		Multiple		

Authorize RO
Return RO

Generate RO Report

Control to View Reason for scrap

WHAT'S NEW IN SUPPLIER?

Ability to have Supplier Approval process based on Quality Audit

Reference: APRP-1109

Background

A Supplier after being created by Buyer is notified to Accounts Payable team to add the required information and activate the supplier for use. Quality Assurance team's approval is required for making the Supplier ready for transaction. This Enhancement provides the following features:

- Ability to approve supplier based on the audit information
- Ability to auto hold a Supplier when an audit is overdue, and release the same on completion of audit

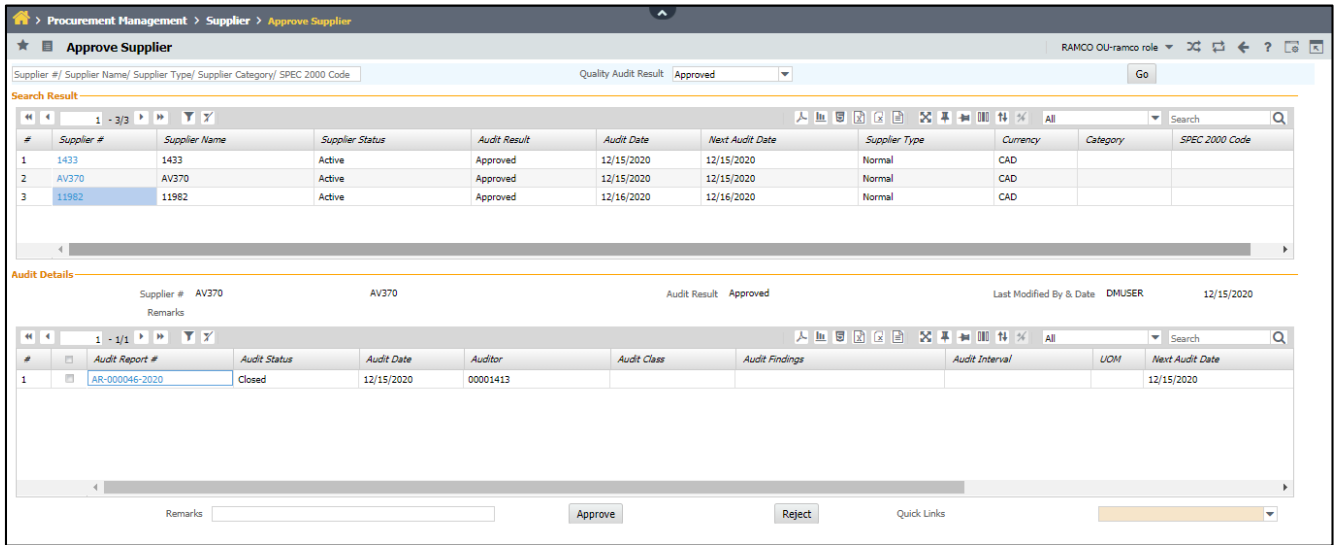
Change Details

1. The following parameters are added in the **Purchase Option Settings** screen of **Logistics Common Master** business component,

Category	Parameter	Permitted Values
Supplier	Mandate QA Supplier Approval	Enter '0' for No, '1' for Based on Supplier Category, '2' for All Suppliers
Supplier	Supplier Categories applicable for QA Approval	Enter Supplier Category (use comma for multiple values)
Supplier	Auto Restrict Supplier on Overdue Audit	Enter '0' for No, '1' for Yes
Supplier	Default Restriction Code for QA based restrictions on Supplier	Enter a valid Hold Code

2. A New Activity **Approve Supplier** under **Supplier** Business Component to fetch the Supplier Audit Information, with provision to approve or reject the audit.

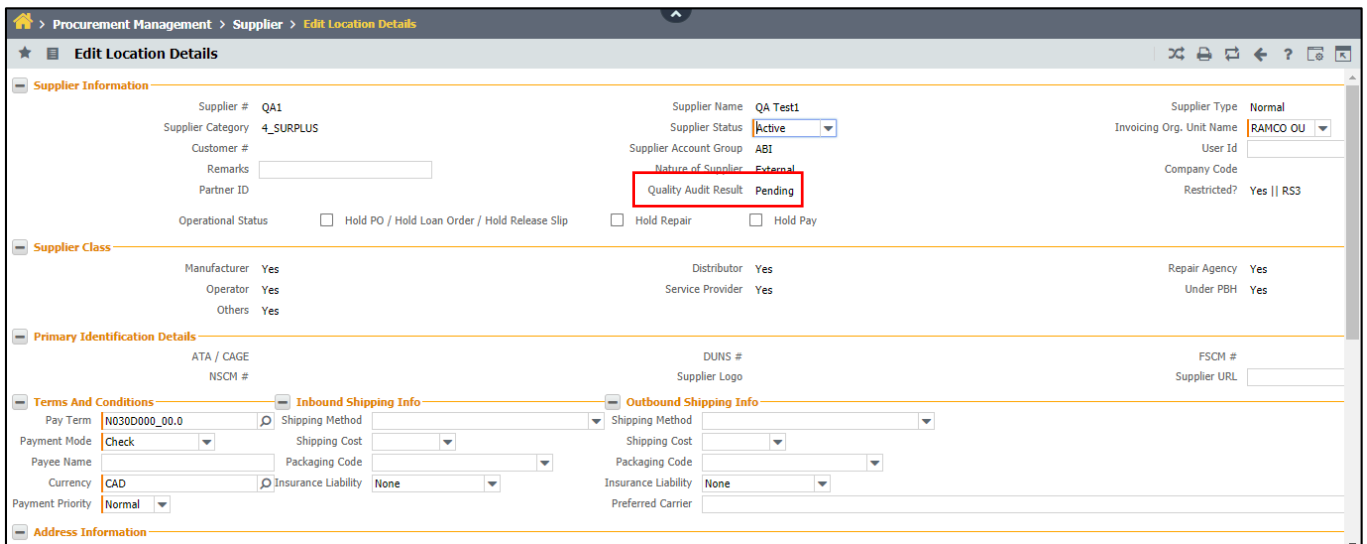
Exhibit 1: Identifies the new screen **Approve Supplier**



- a. This screen can be used to fetch the Supplier based on the Quality Audit Result.
- b. Based on the Audit Details and report information, the respective Supplier can be Approved / Rejected.

3. **Edit / View Location Information** screen under **Supplier** Business Component to show the Quality Audit Result.

Exhibit 2: Identifies the screen **Edit Location Information** screen



The respective Supplier can be put on Auto Hold as defined in the set option if the Quality Audit Result is not Approved.

WHAT'S NEW IN GOODS INWARD?

Ability to allow alternate parts in Customer Goods Receipt

Reference: APRP-1486

Background

Current framework of the Ramco Aviation allows user to receive only the part mentioned in the customer order, in the Customer Goods Receipt, even though the part mentioned in the customer order has alternate part definition, and in the sale contract it is set as alternate allowed. Business need is that sometimes the alternate part of the part in the customer order also needs to be allowed in Customer Goods Receipt based on the sale contract.

In this enhancement, alternate part defined in the part master/sale contract can be received in both Customer Goods Receipt/Direct Customer Goods Receipt.

Change Details

In the **Set Sales Process Parameters** screen in the **Customer** business component, a new set option "Allow receiving alternate parts from customers in CO based core receipt" is added under the Category "MRO Sales".

- If the option "Allow receiving alternate parts from customers in CO based core receipt" is set as required, in the Customer Goods Receipt/Direct Customer Goods Receipt, Receiving manager can receive part which is alternate of the part defined in Customer Order. (Note: Alternate part definition in the part master / Alternate allowed in the sale contract must be set as 'Yes').
- If the option "Allow receiving alternate parts from customers in CO based core receipt" is set as not required, in the Customer Goods Receipt/Direct Customer Goods Receipt, Receiving manager cannot receive part which is alternate of the part defined in Customer Order, even though the Alternate part definition in the part is defined/Alternate allowed in the sale contract is set as 'Yes'.

Exhibit 1: Set Sales Process Parameters screen

Sales Setup > Customer > Set Sales Process Parameters

★ Set Sales Process Parameters RAMCO OU-ramco role

Select Parameter Details

Display Parameters for: MRO Sales

Process Parameter List

#	Parameter for	Process Parameter	Permitted Values	Value	Val
100	Customer Request - Bot/Mail IT	Request for Repair on	'0' for 'Aircraft', '1' for 'Parts'	1	
101	CO Hub - Data Retrieval	Specify the period for which data should be retrieved in Customer Order Management Hub	Specify any valid value for number of months	2	
102	Manage Price Escalations	Threshold No. of days to effect contract revision automatically based on Price escalation setup	Enter No. of Days	3	
103	Customer Order - Services	Aircraft based Trade Restriction Definitions for Customer Order	Specify "0" for "Required" and "1" for "Not Required"	0	
104	Customer Order - Services	Allow receiving alternate parts from customers in CO based core receipt	Specify "0" for "Yes" and "1" for "No"	1	
105	Service Sale Billing	Grouping of Monthly Invoice Released at station level	Specify "0" for "Required- Usage Based Charges", "1" for "Required-Fixed"	1	
106	Bid Contract	Allow Estimations & Quoting by the same User	Specify "0" for "Yes" and "1" for "No"	1	
107	Bid Contract	Adjust the Cost	Specify "0" for "No", "1" for "Adjust Task Probability Rate", "2" for "Adjust	1	

New Parameter added

Set Process Parameters

Record Statistics

Created by: DMUSER Created Date: 01-07-2012
 Last Modified by: DMUSER Last Modified Date: 01-28-2021

WHAT'S NEW IN PART SUPPLIER MAPPING?

Ability to restrict purchases in only multiples of certain quantity

Reference: APRP-1437

Background

To restrict certain purchases of parts in multiples of a fixed quantity, so that the PO's are raised to procure the parts in multiples of that fixed quantity only, without altering the Stock UOM and the PR/PO UOM .

Based on the Part-Supplier mapping, a new column would be added to identify the multiples of a quantity in which the procurement can be done. The user also can set up an informational message (user can override and continue the transaction) or a mandatory message (user cannot override the error message) based on the requirement.

Change Details:

1. A new column 'Order Qty-Multiples of' is introduced in the **Maintain Part-Supplier Mapping** and **Edit Supplier-Part mapping** screens in **Supplier** business component.
2. Option setting will be added in **Purchase Option Settings** screen to validate if the Purchase Order should be in multiples of the 'Order Qty-Multiples of' mentioned in the Supplier-Part Mapping.
3. Whenever automatic Purchase Order is generated, based on the option setting, Purchase Order will be retained in Draft status.
4. Information/Warning Message will be added in PR Based PO/Create Purchase Order/Edit Purchase Order/Amend Purchase Order/Edit Terms and Conditions to validate the Order Qty. User can manually override it and proceed with the Purchase Order.
5. Error Message will be added which can be managed through option settings in PR Based PO/Create Purchase Order/Edit Purchase Order/Amend Purchase Order/Edit Terms and Conditions to validate the Order Qty. User cannot manually override it and proceed with the Purchase Order.

Exhibit 1: Purchase Order in multiples of a certain Quantity

The screenshot displays the 'Edit Supplier Part Mapping' screen. It includes sections for 'Supplier Information', 'Default Settings', 'Search Criteria', and 'Part Details'. The 'Part Details' section contains a table with the following data:

#	Part #	Mfr. Part #	Mfr. #	Part Description	Purchase UOM	Part Cost	Cost Per	Cost Basis	Qty. Price Break?	Minimum Order Qty	Qty Factor	Eff. From Dt
1	000:99999	000	02249	ELECTRICAL TEST HARNESS	BX	100.00	1.00		No		30.00	
2	0000:4373A	0000	4373A	PRES 0-30PSI 3" GAUGE	BX	56.13	1.00		No		20.00	
3												

- A new column 'Order Qty-Multiples of' to be introduced in the **Maintain Part-Supplier Mapping** and **Edit Supplier-Part Mapping** screens in **Supplier** business component.
- The quantity in which the order can be placed in only multiples of is defined.

Exhibit 2: Option Settings in Purchase Order

Purchase Option Settings

Part Not Mapped to Supplier: Allow all PO and do not Map Part to Supplier

Allow Supplier as Manufacturer Reference: Yes

Allow Movement to Different Warehouse: Allowed

Apportion Doc TCDs to Line Items on Def.Component # for Inspection: Basic Value

Component Maintenance Program Check: Non-Mandatory

Matching Type Policy: 4-Way

Mandatory Check for Source WC# in PR /PO/ RO: Not Required

Calculation of Shelf Life Expiry Date: Manual

User Rights for Repair Agency Classification: Do not Enforce

Additional Purchase Options

#	Category	Parameter	Permitted Value	Value	Status
21	Purchase Request	Auto default Order Finance Book based on 'Expense to' FB for Service Purchase Request, if not s	Enter '0' for 'Not Required', '1' for 'Required'	0	Defined
22	Purchase Order	Adjustment of pending Issue/Receipt Qty for Exchange PO	Enter '0' for 'Not Allowed', '1' for 'Allowed'	1	Defined
23	Purchase Order	Allow Order Qty only in the multiples of Order Qty-Multiples of value mentioned in the Supplier	Enter '0' for 'Not Required', '1' for 'Information Only', '2' for 'Mandatory'	1	Defined
24	Purchase Order	Allow modification of taxable amount	Enter '0' for 'Not Allowed', '1' for 'Allowed'	1	Defined
25	Purchase Order	Allow PO Currency different from Supplier Currency	Enter '0' for 'No', '1' for 'Yes'	1	Defined

- Option settings can be used to determine the behaviour to either allow or restrict the purchase in multiples quantities of the defined value.
- When informational message is selected, user is warned, but can be overridden by the user, to enter the quantity as required
- When mandatory is selected, the user cannot override the error message and to continue the transaction, the user must enter the quantity in only multiples of the defined quantity.

WHAT'S NEW IN PLAN MATERIAL?

Ability to Inform on Stock Transfer Generation from Plan Material for Hazmat Parts

Reference: APRP-1533

Background

Currently, on creation of Stock Transfer Orders from **Plan Material** screen is not intimated until the Stock Transfer Issue confirmation. It is required to inform users on Stock Transfer of HAZMAT Parts since special shipping methods must be followed and the same needs to be ensured in the system. Therefore, the business need is to Inform on **Stock Transfer Generation** from **Plan Material** for Hazmat Parts.

Change Details

A new set option 'Informational Message on generation of Stock Transfers from Plan Material for Hazmat Parts' is added under 'Stock Demand Management' category, in the **Set Inventory Process Parameter** screen of the **Logistics Common Master** business component:

- If the set option is set as "Required", then on creation of Stock Transfer Order with Hazmat Part from the **Plan Material** screen, the system will display a Warning Message.
- If the set option is set as "Not required", then No Warning Message will be displayed even if the selected MR is having Hazmat parts, Stock Transfer Order will be generated in "Authorized" status.

Exhibit 1: Identifies the option settings in **Set Inventory Process Parameter** screen under the Logistics Common Master business component

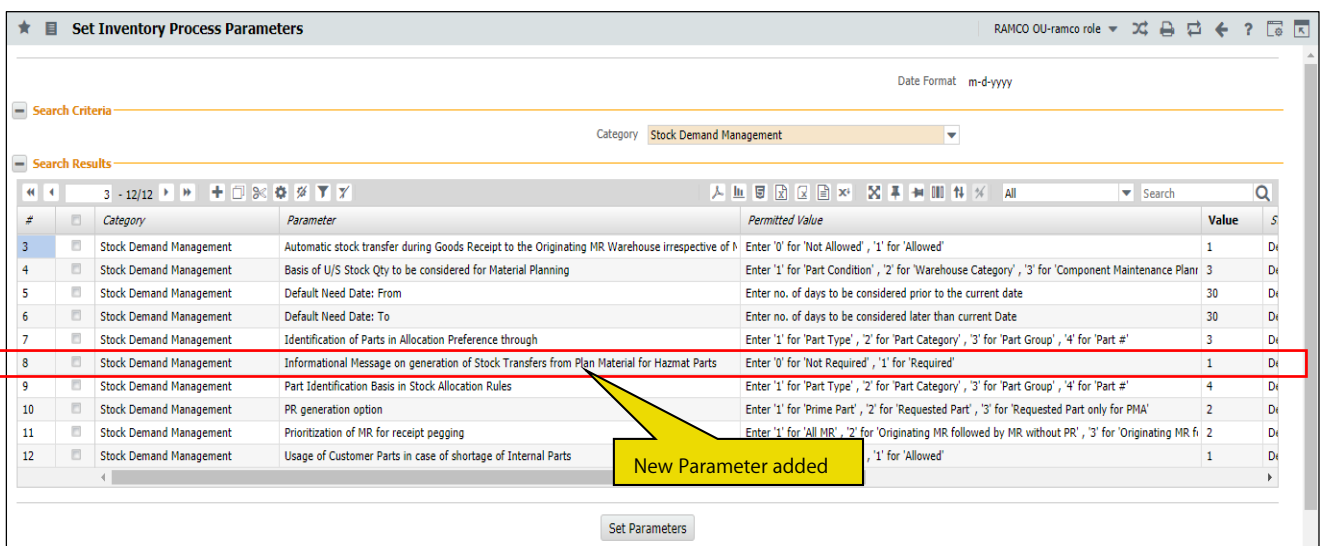
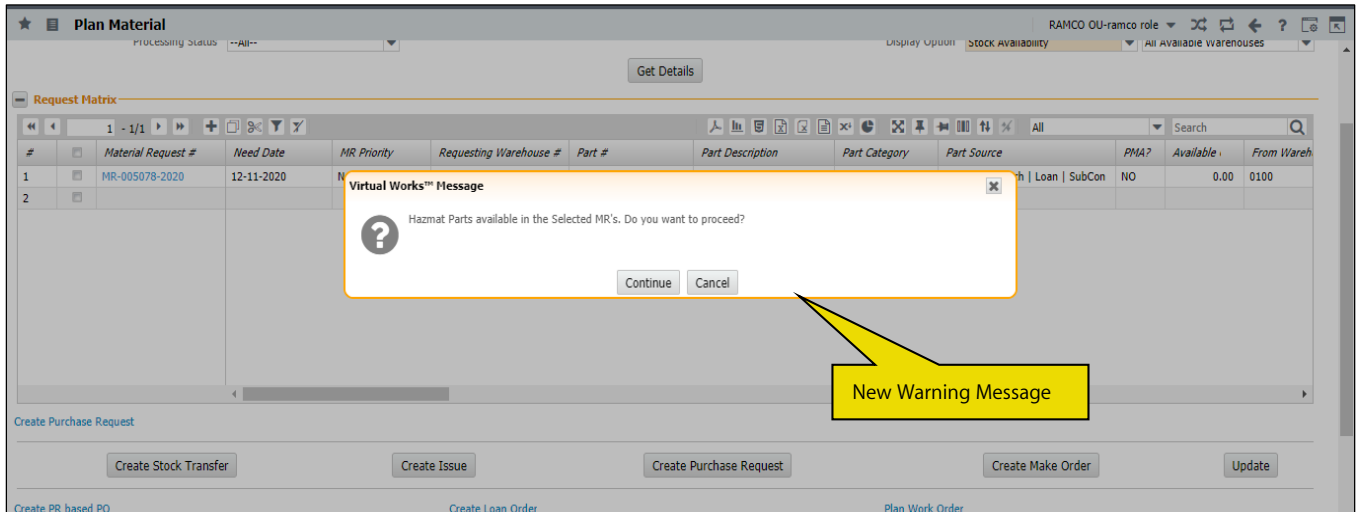


Exhibit 2: Identifies Warning Message in **Plan Material** screen under the **Stock Demand Management** business component



If User selects "Continue" in Warning Message, the system will generate Stock Transfer Order in 'Authorized' status. If the user selects "Cancel" in the Warning Message, then the process stops. The system will not generate STO for the selected MR.

WHAT'S NEW IN REPORTS?

Ability to Generate Commercial Invoice and print them from Shipping Note

Reference: APRP-1096

Background

Organizations commence operations globally and system strongly needs to manage export control within a system where the proper checks like Trade Compliance data, Export Control License and Export Authorization are in place to validate the Export Details. Business need is the ability to generate Commercial Invoice and print them from Shipping Note.

Change Details

1. A new report **Commercial Invoice Report** is introduced and same will be generated from Shipping Note screen, based on details from the Shipping Note as the inputs.
2. A new link **Generate Commercial Invoice Report** is added in the **Record Shipping Note**, **Edit/Confirm Shipping Note** and **View Shipping Note** screens.

Exhibit 1: Identifies **Generate Commercial Invoice Report** link in **Record Shipping Note** and **Edit/Confirm Shipping Note** screen.

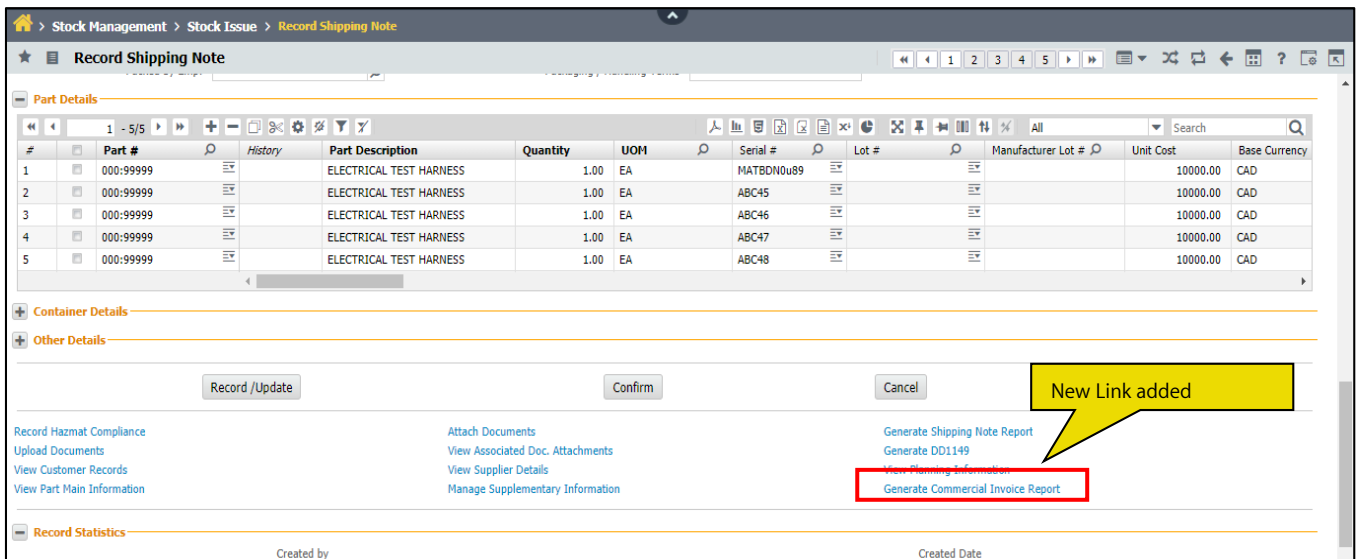


Exhibit 2: Identifies **Generate Commercial Invoice Report** in **View Shipping Note** screen.

The screenshot displays the 'View Shipping Note' interface. At the top, there are navigation breadcrumbs: 'Stock Management > Stock Issue > View Shipping Note'. Below this, a summary section shows 'No. of Packs', 'Packaging Code', and 'Packed by Emp.' on the left, and 'Gross Weight', 'Package Dimension (L*B*H)', and 'Packaging / Handling Terms' on the right. Further right, 'Net Weight 12.00 KG' and 'Container #' are displayed. A 'Part Details' section contains a table with the following data:

#	Part #	Part Description	Quantity	UOM	Serial #	Lot #	Manufacturer Lot #	Unit Cost	Base Currency	Freight Charge
1	PL-003	10" Crank Shaft	1.00	EA	CS-03			350000.00	CAD	

Below the table, there are sections for 'Container Details' and 'Other Details'. The 'Other Details' section contains several links: 'View Hazmat Compliance', 'View Documents', 'Generate Shipping Note Report', 'Upload Documents', 'View Associated Doc. Attachments', 'Print Label', 'View Customer Records', 'View Supplier Details', and 'Generate DD1149'. The link 'Generate Commercial Invoice Report' is highlighted with a red box and a yellow callout bubble that says 'New Link added'.

Exhibit 3: Identifies Commercial Invoice Report sample

Commercial Invoice
ABC Company

Shipper(Name, Address, Country) Dmuser Ramco, 1, New Tower, Green ,IN,	Invoice Number RSN-001054-2020	Invoice Date 2020/11/27	Ship Date 2020/11/27	Shipping Method TRADE
Consignee(Name, Full Address, Country) Supplier 2, VijayawadaKostaAndhra Pradesh,Krishna, BZA,IN,520008.	Freight Forwarder/Carrier FEDEX	Airway Bill # or Bill of Landing # 009346-2020A/C-132		Export To Country IN
	Flight Details AC-8982	AES ITN (U.S. Export Only) AES-00129845		Number & Types of Packages 10.00*10.00* 10.00 IN 30.00 KG
	External Export License Type & Number EL-001-2020 \ TEST1	Currency of Transaction CAD		
Notify(Name, Address, Country) Supplier 2, VijayawadaKostaAndhra Pradesh,Krishna, BZA,IN,520008.	Terms & Conditions of Delivery & Payment		Tare Weight 10.00 KG	Net Weight 20.00 KG
	Additional Info as Necessary (ie, Letter of Credit)		Gross Weight 30.00 KG	
	Contract Number ESC-0024-2020			
End user, if not Consignee Supplier 2				

Ref. Doc #	Qty	Part #	Serial #	Lot #	Part Description	Mfr. Name	Mfr. Country	USML or ECCN	HTS or SCHEDULE B	Unit Cost	Total Cost
RSN-001054-2020	1.00	TCH01	Ser-11		Actuator	Supplier 2	US			100.00	100.00

New Report added -Page 1

Commercial Invoice
ABC Company

Total Qty 1.00 End Use/Purpose INTERNATIONAL Destination Control Statement These items are controlled by the US government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. government or as otherwise authorized by U.S. law and regulations. Additional Statement (as needed): Shipper Statement: Authorized Shipper (Name) DMUSER Confirmed by (Name)	Invoice date 2020/11/27 <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-top: 1px solid black; border-bottom: 1px solid black;">Price</td> <td style="border-top: 1px solid black; border-bottom: 1px solid black; text-align: right;">100.00</td> </tr> <tr> <td>Packaging Costs</td> <td style="text-align: right;">100.00</td> </tr> <tr> <td>Freight Costs</td> <td></td> </tr> <tr> <td style="border-top: 1px solid black;">Total Invoice Value</td> <td style="border-top: 1px solid black; text-align: right;">100.00</td> </tr> </table> Date 2020/11/27 Place	Price	100.00	Packaging Costs	100.00	Freight Costs		Total Invoice Value	100.00
Price	100.00								
Packaging Costs	100.00								
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<div style="border: 1px solid black; height: 30px; width: 100%; margin-bottom: 10px;"></div> Authorized Shipper's Signature:									
<div style="border: 1px solid black; height: 30px; width: 100%; margin-bottom: 10px;"></div> Confirmed Signature:									

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