

RAMCO AVIATION SOLUTION

ENHANCEMENT NOTIFICATION

Version 5.9.0

Materials

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WHAT'S NEW IN MATERIALS?

Float Management

1. Introduction

Float Management addresses all the processes involved in maintaining float requirement such as:

- ▶ Specifying the participating parameters to compute float.
- ▶ Forecast the scheduled and Unscheduled Demand values.
- ▶ Optimize the forecasted demand values using statistical methods.
- ▶ Computation of float quantity.
- ▶ Review and Actioning Float computation and Optimization of output.

Float Requirement is the quantity of spares to be maintained to meet the desired service levels. The Float Forecast Plan can be invoked in predefined frequency for float computation. The various criteria for Float Forecast Plan generation will be referencing to Part Attributes, Pool, Customer attributes, Aircraft attributes, etc. Float Computation will be done based on various participating parameters such as Utilization History, Utilization Projection, Scheduled Removals, Unscheduled Removals, Scheduled Demand Projections, MTBUR, Purchase and Repair Turn Around Time, Scrap Rate, Purchase and Repair Cost and Service Levels.

Float Plan carries the Periodicity and Effectivity that needs to manage revision cycles. Based on the Periodicity, runs will be auto generated in the system.

Float computation is performed through statistical concepts such as Poisson Distribution, Gaussian Distribution and Linear Programming. Optimization of computed demand/float quantity are also done using statistical concepts. Float Management also includes review of float computation and optimization of output. Based on the review of current float quantity, actions are initiated for the deficit stock scenarios. Simulation and updation through revision is managed for single part and bulk parts.

2. Defining float entities and float management parameters

You can define float entities and set the float management parameters using this screen. Based on the options defined in this activity, user can set the process parameters for the Entities utilized in Float Management.

- Select the **Set Float Management Parameters** activity under the 'Float Management' business component. The "Set Float Management Parameters" screen appears.

Set Float Management Parameters

Search Criteria: Entity Type: **Float Type** Status: **Active** Get Details

Entity Details

#	Entity Type	Description	Status	Float Parameters Defined
1	Float Type	FloatType	Active	Yes
2	Float Type	Aircraft Utilization History	Active	Yes
3	Float Type	Default Periodicity	Active	No
4	Float Type	Float Plan	Active	Yes
5	Float Type	Entity	Active	No
6	Float Type	6 Months float	Active	No
7	Float Type	Float for Component	Active	Yes
8	Float Type	New	Active	Yes
9	Float Type	float5	Active	No
10	Float Type	FT 1	Active	Yes
11	Float Type	FT 2	Active	Yes
12	Float Type	Float Type - ABC	Active	No
13	Float Type	Float Type - DEF	Active	No
14	Float Type	Float Type - GHI	Active	No
15	Float Type	Float Type - JKL	Active	No
16	Float Type	Float Type - JKL	Active	No

- In the search criteria, select the **Entity Type** for which the Float Entities are to be defined.
- Use the **Entity Type** drop-down list box to specify whether the Float Entities are to be defined for "Float Type", "Category", "User Status" or "User Defined Details".
- Enter the **Entity** and **Description** for the **Entity Type** selected.
- Use the **Status** drop-down list box to select the status as "Active" or "Inactive" for the Entity Type.
- Click the **Define Process Entities** pushbutton to define the entities for float management.

Setting Float Management Parameters

- Select the **Set Float Parameters** link in the **Set Float Management Parameters** screen. The **Set Float Parameters** page appears.

Set Float Parameters

Entity Type: **Float Type** Entity: **All** Category: **All** Record Status: **Active** Process Parameters Defined: **Yes**

Process Parameters List

#	Category	Process Parameter	Permitted Values	Value	Status	Error Message
1	Float Review	Status of Automatic MR generated during Float	Enter "1" for Fresh and "2" for Authorized		Not Defined	
2	Float Review	Status of Automatic PR generated during Float	Enter "1" for Fresh and "2" for Authorized		Not Defined	
3	Purchase & Repair Lead Time	Default Purchase Lead Time	Enter "1" for Default Time Type definition, "2"		Not Defined	
4	Purchase & Repair Lead Time	Default Repair Lead Time	Enter "1" for Default Time Type Definition, "2"		Not Defined	
5	Float Optimization	Demand Value above which Gaussian to be	Enter an Integer Value		Not Defined	
6	Purchase Costs	Default Purchase Costs	Enter "1" for Purchase Cost of Preferred		Not Defined	
7	Utilization & Demand	Demand Plan Data Source	Enter "1" for Maintenance Program, "2" for		Not Defined	
8	Utilization & Demand	Forecasted Scheduled Demand	Enter "1" for Comp based on Scheduled		Not Defined	
9	History & Forecast Period	Forecast Period (In Months)	Enter any integer va		Not Defined	
10	Float Analysis & Review	Allow Modification of Forecasted Scheduled	Enter "0" for		Not Defined	
11	Float Analysis & Review	Allow Modification of Forecasted Unscheduled	Enter "0" for		Not Defined	
12	Utilization & Demand	Forecasted Unscheduled Demand	Enter "1" for		Not Defined	
13	Float Plan/Float Run	Float computation for	Enter "0" for Part Planning Group, "1" for Part		Not Defined	
14	Float Plan/Float Run	Analyse Float based on Customer	Enter "0" for Yes, "1" for No		Not Defined	
15	Float Plan/Float Run	Analyse Float based on Pool	Enter "0" for Yes, "1" for No		Not Defined	

Set Float Parameters

- In the 'Entity Details' group box, specify the **Entity Type**, **Entity** and **Category** for the parameter

definition.

- In the 'Process Parameters List' multiline, the values for the process parameter can be defined.

3. Managing Float Forecast Plan

This activity allows the user to generate Float Plan that can be invoked in predefined frequency for float computation. The various criteria for Float Forecast Plan generation will be referencing to Part Attributes, Pool, Customer attributes, Aircraft attributes, etc.

- Select the **Manage Float Forecast Plan** activity under the **Float Management** business component. The **Manage Float Forecast Plan** page appears.

- Select the **Create Plan**, **Edit Plan** or **View Plan** radio button to Create, Modify or View the Float Plan.
- Enter the **Float Plan #** and specify the **Revision #** of the Float Forecast Plan.
- Click the **Go** pushbutton to retrieve the details of the Float Plan # for the Rev # of the Float Plan.

Note: In 'Edit Plan', Plan # entered should not be in 'Cancelled' or 'Shortclosed' or 'Closed' status.

- Use the **Float Type** drop-down list box to specify the type of the Float Forecast Plan.
- Use the **Periodicity** drop-down list box to specify the period at which the Float Plan is to be generated.
- In the 'Additional Details' group box, specify the **User Defined Details 1** and enter the remarks based on the Float Plan action.

The levels at which the Float Computation is managed are:

- ▶ Prime Part #
- ▶ Part Planning Group
- ▶ Part Interchangeability Key
- ▶ Part #

In the 'Part Details' group box,

- Specify the **Part Classification**, **Part Category**, **Part Planning Group** of the part for which the Float Plan is to be generated.
- Select the **Include Life Limited Parts** and **Include Shelf Life Parts** checkboxes based on which the parts can be included for float Plan.
- Click the **Associate Parts** link to manually provide the Parts for Float Plan.

In the 'Analysis For' section,

- In the 'Pool Details' section, the system displays the Pool Tree with the Valid Pool Id's in Approved Status from the 'Maintain Pool Information' screen.

In the 'Customer # / Group' section,

- Use the drop-down list box to specify the level at which the Customer tree is to be viewed.
- The system displays 3 level tree grid with customer Group #, Customer # and Contract #, if "Customer Group" is selected in the drop-down field.
- The system displays 2 level tree grid with Customer # and Contract, if "Customer #" is selected in the drop-down field.

In the 'Aircraft Model / Group' section,

- Use the drop-down list box to specify the level at which the Aircraft tree is to be viewed.
- The system displays 3 level tree grid with "Aircraft Group #", "Aircraft Model" and "Aircraft Reg #", if "Aircraft Group" is selected in the drop-down field.
- The system displays 2 level tree grid with "Aircraft Model" and "Aircraft Reg #", if "Aircraft Model" is selected in the drop-down field.
- Click the **Save** pushbutton to create the Float Forecast Plan.



Note: The status of the document changes to 'Fresh' if saved for the first time. If the document is revised, then the status changes to 'Revised'.

- Click the **Confirm** pushbutton to confirm the Float Forecast Plan.



Note: The status of the document changes to 'Confirmed' status.

- Click the **Cancel** pushbutton to cancel the Float Forecast Plan.



Note: The status of the document changes to 'Cancelled' status.

- Click the **ShortClose** pushbutton to shortclose the Float Forecast Plan.



Note: The status of the document changes to 'Shortclosed' status.

To proceed, carry out the following

- Select the **Upload Documents** link to upload the documents for Float Forecast Plan.
- Select the **View Associated Documents** link to view the associated documents for Float Forecast Plan.

4. Managing Float Run

This activity allows the user to facilitate forecast run generation. Various criteria for analysis will be provided that will be referencing to Part Attributes, Pool, Customer attributes, aircraft attributes, etc. Additional filters like Open Demand, manual addition of parts are also available.

- Select the **Manage Float Run** activity under the Float Management business component. The **Manage Float Run** page appears.

- Select the **Create Run**, **Edit Run** or **View Run** radio button to Create, Modify or View the Float Run.
- Enter the **Float Run #** and specify the **Revision #** of the Float Forecast Plan.
- Click the **Go** pushbutton to retrieve the details of the Float Run # for the Rev # of the Float Run.
- Use the **Float Type** drop-down list box to specify the type of the Float Forecast Run.
- Use the **Periodicity** drop-down list box to specify the period at which the Float Run is to be generated.
- In the 'Additional Details' group box, specify the **User Defined Details 1** and enter the remarks based on the Float Plan action.
- Click the [Analysis Level](#) tab to specify the Part from Pool Tree, Customer Tree and Aircraft Tree.
- Click the [Review Action](#) tab to review, update and confirm the results.

Analyzing Float Run

In the 'Part Details' group box,

- Specify the **Part Classification**, **Part Category**, **Part Planning Group** of the part for which the Float Run is to be generated.
- Select the **Include Life Limited Parts** and **Include Shelf Life Parts** checkboxes based on which the parts can be included for float Run.
- Click the **Associate Parts** link to manually provide the Parts for Float Run.

In the 'Analysis For' section,

- In the 'Pool Details' section, the system displays the Pool Tree with the Valid Pool Id's in Approved Status from the 'Maintain Pool Information' screen.

In the 'Customer # / Group' section,

- Use the drop-down list box to specify the level at which the Customer tree is to be viewed.
- The system displays 3 level tree grid with customer Group #, Customer # and Contract #, if "Customer Group" is selected in the drop-down field.
- The system displays 2 level tree grid with Customer # and Contract, if "Customer #" is selected in the drop-down field.

In the 'Aircraft Model / Group' section,

- Use the drop-down list box to specify the level at which the Aircraft tree is to be viewed.
- The system displays 3 level tree grid with "Aircraft Group #", "Aircraft Model" and "Aircraft Reg #", if "Aircraft Group" is selected in the drop-down field.
- The system displays 2 level tree grid with "Aircraft Model" and "Aircraft Reg #", if "Aircraft Model" is selected in the drop-down field.
- Click the **Save** pushbutton to create the Float Run.
- Click the **Confirm** pushbutton to confirm the Float Run.
- Click the **Cancel** pushbutton to cancel the Float Run.
- Click the **ShortClose** pushbutton to shortclose the Float Run.

To proceed, carry out the following

- Select the **Upload Documents** link at the bottom of the page to upload the documents for Float Run.
- Select the **View Associated Documents** link at the bottom of the page to view the associated documents for Float Run.

Reviewing and Actioning Float Run

This tab enables Updating and Confirming the Float Results.

★ **Manage Float Run** Document Status Doc. Actioning Status RAMCO OU-ramco role

Ref. Float Plan #/Rev. # Float Type **All** Plan Run Date User Status
 Processed Date & Time Planned by Category

Additional Details
 User Defined Details 1 User Defined Details 2 Cancellation Remarks
 Short Close Remarks

Analysis Level **Review & Action**

All Parts (1) Surplus Stock 0 Deficit Stock 0 Sufficient Stock 0

Search On Simple Detail Go

Review & Action
 Found no rows to display!!!

#	Part Planning Group	Part #	IC Key	Current Float Qty.	Float Qty.
1					

Tiles displaying the count of stock

The system displays the following tiles along with the count.

- All Parts – Displays the total count of stock.
- Surplus Stock – Displays the count of stock of the Current Quantity > Forecasted Float Quantity Stock.
- Deficit Stock – Displays the count of stock of the Current Quantity < Forecasted Float Quantity Stock.
- Sufficient Stock – Displays the count of stock Current Quantity = Forecasted Float Quantity.
- Enter the **Float Qty.** of the part for which the Float Run is generated.
- Select the **Action** that is to be performed based on the float quantity.
- Enter the **Warehouse** and **Process Qty.** for the parts.
- Click the **Update Results** pushbutton to update the float quantity and the necessary action.
- Click the **Confirm Results** pushbutton to confirm the float quantity and the necessary action.

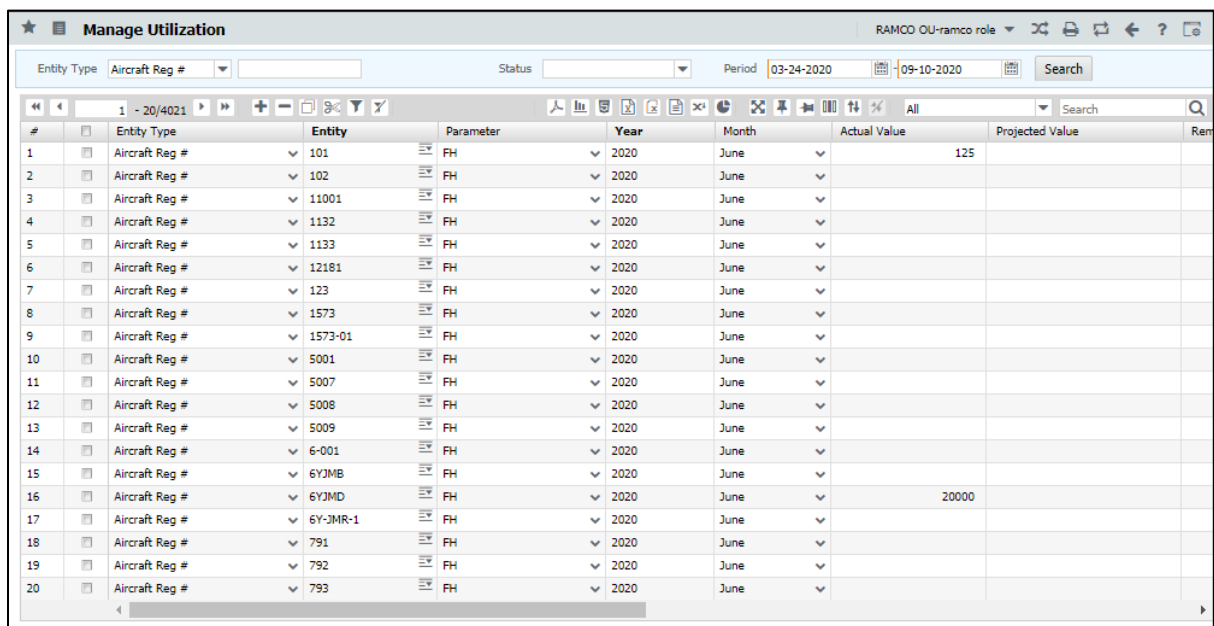
5. Float Computation

The Float Computation will be done based on various participating parameters that can be derived from multiple transactions or manual entry or from the master definition. The participating parameters are Utilization History, Utilization Projection, Scheduled Removals, Unscheduled Removals, Scheduled Demand Projections, MTBUR, Purchase and Repair Turn Around Time, Scrap Rate, Purchase and Repair Cost and Service Levels.

Managing Utilization

The **Manage Utilization** screen enables the user to view and enter the Aircraft Utilization parameter at Aircraft Model level or Aircraft Registration # level. This screen also facilitates direct data entry and editing of the data retrieved from the transactions based on option settings.

- Select the **Manage Utilization** under the **Float Management** business component. The **Manage Utilization** page appears.



The screenshot shows the 'Manage Utilization' interface. At the top, there are search filters for 'Entity Type' (set to 'Aircraft Reg #'), 'Status', and 'Period' (03-24-2020 to 09-10-2020). Below the filters is a table with columns: #, Entity Type, Entity, Parameter, Year, Month, Actual Value, Projected Value, and Rem. The table contains 20 rows of data, all with 'Aircraft Reg #' as the entity type and 'FH' as the parameter. The 'Year' is consistently 2020, and the 'Month' is June. The 'Actual Value' and 'Projected Value' columns contain numerical data, such as 125 and 20000.

#	Entity Type	Entity	Parameter	Year	Month	Actual Value	Projected Value	Rem
1	Aircraft Reg #	101	FH	2020	June	125		
2	Aircraft Reg #	102	FH	2020	June			
3	Aircraft Reg #	11001	FH	2020	June			
4	Aircraft Reg #	1132	FH	2020	June			
5	Aircraft Reg #	1133	FH	2020	June			
6	Aircraft Reg #	12181	FH	2020	June			
7	Aircraft Reg #	123	FH	2020	June			
8	Aircraft Reg #	1573	FH	2020	June			
9	Aircraft Reg #	1573-01	FH	2020	June			
10	Aircraft Reg #	5001	FH	2020	June			
11	Aircraft Reg #	5007	FH	2020	June			
12	Aircraft Reg #	5008	FH	2020	June			
13	Aircraft Reg #	5009	FH	2020	June			
14	Aircraft Reg #	6-001	FH	2020	June			
15	Aircraft Reg #	6YJMB	FH	2020	June			
16	Aircraft Reg #	6YJMD	FH	2020	June	20000		
17	Aircraft Reg #	6Y-JMR-1	FH	2020	June			
18	Aircraft Reg #	791	FH	2020	June			
19	Aircraft Reg #	792	FH	2020	June			
20	Aircraft Reg #	793	FH	2020	June			

- In the search criteria, specify the **Entity** and enter the **Period** for which the Utilization parameter details are to be retrieved.

In the multiline,

- Use the **Entity Type** drop-down list box to specify the entity type for which the aircraft utilization parameter is recorded.
- Specify the **Entity** for the Entity Type selected and select the **parameter** which could be "FH" or "FC".
- Specify the **Year** and **Month** for which the aircraft utilization parameter is recorded.
- Enter the **Actual Value** and **Projected Value** of the aircraft utilization parameter.
- Use the drop-down list box to specify the **status** of the aircraft utilization parameter which could be "Active" or "Inactive".
- Click the **Save** pushbutton to record the aircraft utilization parameter details.

Managing MTBUR

The **Manage MTBUR** screen enables the user to view the Mean time Between Unscheduled Removals parameter at Aircraft Model level or Aircraft Registration # level. This screen also facilitates direct data entry and editing the data retrieved from the transactions based on option settings.

- Select the **Manage MTBUR** under the **Float Management** business component. The **Manage MTBUR** page appears.

The screenshot shows the 'Manage MTBUR' interface. At the top, there are search filters: Entity Type (Aircraft Reg #), Part #, MTBUR, Status, and Period (03-06-2020 to 09-07-2020). Below the filters is a table with columns: #, Entity Type, Entity, Part #, Year, and Month. The table contains 19 rows of data. At the bottom, there is a 'Save' button.

#	Entity Type	Entity	Part #	Year	Month
1	Aircraft Reg #	101		2020	July
2	Aircraft Reg #	101	:35895	2020	April
3	Aircraft Reg #	101	:35895_NOV15	2020	June
4	Aircraft Reg #	101	00001	2020	July
5	Aircraft Reg #	101	0-0033466-0:2D671	2020	May
6	Aircraft Reg #	101	0-0102-3-3597:36361	2020	March
7	Aircraft Reg #	102	:35895	2020	
8	Aircraft Reg #	6Y-JMR-1	VR12404-2	2020	July
9	Aircraft Reg #	6Y-JMR-1	VR12404-3	2020	July
10	Aircraft Reg #	6Y-JMR-1	VR12404-4	2020	July
11	Aircraft Reg #	A1	2548	2020	March
12	Aircraft Reg #	V-001	FLT-01	2020	March
13	Aircraft Reg #	V-001	FLT-01	2020	April
14	Aircraft Reg #	V-001	FLT-01	2020	May
15	Aircraft Reg #	V-001	FLT-01	2020	June
16	Aircraft Reg #	V-001	FLT-01	2020	August
17	Aircraft Reg #	V-001	FLT-02	2020	March
18	Aircraft Reg #	V-001	FLT-02	2020	April
19	Aircraft Reg #	V-001	FLT-02	2020	May

- In the search criteria, specify the **Entity Type** and enter the **Period** for which the MTBUR parameter details are to be retrieved.

In the multiline,

- Use the **Entity Type** drop-down list box to specify the entity type for which the MTBUR parameter is recorded.
- Specify the **Entity** for the Entity Type selected and select the **Part #**.
- Specify the **Year** and **Month** for which the MTBUR parameter is recorded.
- Enter the **MTBUR** of the part which could be one of the following value:
 - ▶ MTBUR entered by the user.
 - ▶ MTBUR retrieved by the system based on the transaction for the Aircraft Reg # as defined in "Reinitialize/Update Parameter Values" activity of the "Aircraft" business component. MTBUR = Aircraft Utilization (in FH)/No of Unscheduled Removals.
- Use the drop-down list box to specify the **status** of the MTBUR parameter which could be "Active" or "Inactive".
- Click the **Save** pushbutton to record the MTBUR parameter details.

Managing Costs

The **Manage Costs** screen enables the user to enter the Vendor/Part Level TAT Purchase Costs and Repair Costs. This screen also facilitates direct data entry and editing the data retrieved from the transactions based on

option settings.

- Select the **Manage Costs** under the **Float Management** business component. The **Manage Costs** page appears.

The screenshot displays the 'Manage Costs' application window. At the top, there are search filters for 'Cost For' (set to 'Purchase'), 'Supplier #', 'Part #', 'Status', and 'Period' (03-02-2020 to 09-07-2020). Below the filters is a table with the following columns: #, Cost For, Supplier #, Part #, Year, Month, Value, and Remarks. The table lists 19 entries, all with 'Purchase' as the cost type. The 'Value' column shows various amounts, including 100.00, 23.00, 1.00, 90.00, 8.00, 400.00, 500.00, 300.00, and 0.00. The 'Remarks' column includes entries like 'Purchase', 'Part Supplier Mapping', and 'Purchase Cost'. A 'Save' button is located at the bottom right of the table.

- In the search criteria, specify the **Cost For** and enter the **Supplier #** for which the Costs details are to be retrieved.

In the multiline,

- Use the **Cost For** drop-down list box to specify the option for which the Costs are recorded.
 - ▶ Purchase - Indicates that the costs for the part mentioned in the Purchase Order is recorded.
 - ▶ Repair - Indicates that the costs for the part mentioned in the Repair Quotation is recorded.
- Specify the **Supplier #** whose Purchase or Repair Costs is recorded and the **Part #**.
- Specify the **Year** and **Month** for which the Costs parameter is recorded.
- Enter the **Value** which is the Purchase Cost or Repair Cost of the part.
- Use the drop-down list box to specify the **status** of the costs which could be "Active" or "Inactive".
- Click the **Save** pushbutton to record the Costs details of the part

Managing Demand

The **Manage Demand** screen enables the user to enter the Actual/Projected demand against contract or Aircraft for Parts. This screen also facilitates direct data entry and editing the data retrieved from the transactions based on option setting.

- Select the **Manage Demand** under the **Float Management** business component. The **Manage Demand** page appears.

The screenshot shows the 'Demand Management Hub' interface. At the top, there are navigation tabs: 'Stock Management', 'Demand Management', and 'Demand Management Hub'. Below the tabs, there's a summary bar with 'To be Assigned' (212), 'To be Planned' (25), 'Open MRs' (0), 'Purchase Requests' (0), 'Under Orders' (0), and 'Under Receiving' (0). The main table is titled 'To be Assigned' and has columns: #, MR #, Need Date, MR Priority, Warehouse #, Part #, Part Desc., Req. Qty., Pend. Qty., Closed Qty., Assignee, Name, Processing Status, and Ship E. The table contains 12 rows of data. At the bottom, there is a 'Save' button and a 'Quick Links' section.

#	MR #	Need Date	MR Priority	Warehouse #	Part #	Part Desc.	Req. Qty.	Pend. Qty.	Closed Qty.	Assignee	Name	Processing Status	Ship E
1	MR-002496-2014	05-16-2014	Normal	0123	FIFO	FIFO	1.00	1.00	0.00				
2	MR-002505-2014	05-16-2014	Normal	0123	MIN LOT1	min LOT1	1.00	1.00	0.00				
3	MR-002498-2014	05-16-2014	Normal	0123	LIFO	LIFO	1.00	1.00	0.00				
4	MR-002498-2014	05-16-2014	Normal	0123	MIN LOT1	min LOT1	1.00	1.00	0.00				
5	MR-002499-2014	05-16-2014	Normal	0123	LIFO	LIFO	1.00	1.00	0.00				
6	MR-002499-2014	05-16-2014	Normal	0123	MIN LOT1	min LOT1	1.00	1.00	0.00				
7	MR-002503-2014	05-16-2014	Normal	0123	LIFO	LIFO	1.00	1.00	0.00				
8	MR-002503-2014	05-16-2014	Normal	0123	MIN LOT1	min LOT1	1.00	1.00	0.00				
9	MR-002504-2014	05-16-2014	Normal	0123	LIFO	LIFO	1.00	1.00	0.00				
10	MR-002504-2014	05-16-2014	Normal	0123	MIN LOT1	min LOT1	1.00	1.00	0.00				
11	MR-002509-2014	05-19-2014	Normal	0123	FIFO	FIFO	1.00	1.00	0.00				
12	MR-002510-2014	05-19-2014	Normal	0123	LIFO	LIFO	1.00	1.00	0.00				

- In the search criteria, specify the **Demand Nature**, **Demand For** and enter the **Part #** for which the demand against parts are to be retrieved.

In the multiline,

- Use the **Demand Nature** drop-down list box to specify the nature of the Demand against parts.
 - ▶ Scheduled - Indicates that the nature of the demand of parts is forecasted.
 - ▶ Unscheduled - Indicates that the nature of the demand of parts is unforeseen.
- Use the **Demand For** drop-down list box to specify the entity type for demand which could be "Aircraft" or "Contract".
- Enter the **Demand For Entity** for which the part is on demand which could be Aircraft Reg # or Contract #.
- Specify the **Year** and **Month** for which the Demand parameter is recorded.
- Enter the **Projected Qty.** and **Actual Qty.** of parts that is on demand for a month or year.
- Use the drop-down list box to specify the **status** of the Demand which could be "Active" or "Inactive".
- Click the **Save** pushbutton to record the demand details of the part.

Managing Scrap Rate

The **Manage Scrap Rate** screen enables the user to maintain the scrap rate for parts at vendor level based on history of Repairs. This screen also facilitates direct data entry and editing the data retrieved from the transactions based on option setting.

- Select the **Manage Scrap Rate** under the **Float Management** business component. The **Manage Scrap Rate** page appears.

★ **Manage Scrap Rate** RAMCO OU-ramco role

Part # Status Period 02-04-2020 09-07-2020

1 - 19/50

#	Part #	Year	Month	Value	Remarks	Status
1	000:99999	2020		0.60	Scrap rate	Active
2	RCPTPEGPART88	2020	April	0.80	Manage Scrap Rate	Active
3	+35895	2020	May	0.50	Damaged and scraped	Active
4	FLT-01	2020	February	0.31		Active
5	FLT-01	2020	March	0.11		Active
6	FLT-01	2020	April	0.26		Active
7	FLT-01	2020	May	0.00		Active
8	FLT-01	2020	June	0.08		Active
9	FLT-01	2020	July	1.00		Active
10	FLT-01	2020	August	0.90		Active
11	FLT-02	2020	February	0.54		Active
12	FLT-02	2020	March	0.11		Active
13	FLT-02	2020	April	0.76		Active
14	FLT-02	2020	May	0.00		Active
15	FLT-02	2020	June	0.08		Active
16	FLT-02	2020	July	0.90		Active
17	FLT-02	2020	August	1.00		Active
18	FLT-03	2020	February	0.31		Active
19	FLT-03	2020	March	0.11		Active

- In the search criteria, enter the **Part #** and **Period** for which the Scrap Rate of parts is to be retrieved.
- In the multiline,
- Enter the **Part #** for which the scrap Rate is recorded.
 - Specify the **Year** and **Month** for which the Scrap Rate is recorded.
 - Enter the **Scrap Rate** of parts which could be one of the following values:
 - ▶ If the transaction count is less than the minimum count, then the system displays the scrap rate marked as default for the Part #.
 - ▶ If the transaction count is \geq the minimum count, then the system computes the scrap rate as $(\text{Scrap Quantity} / \text{Removal Qty}) * 100$
 - Use the drop-down list box to specify the **status** of the Scrap Rate of Parts which could be "Active" or "Inactive".
 - Click the **Save** pushbutton to record the Scrap Rate parameter details of the part.

6. Managing Float Plan and Run

This activity enables the user to inquire status of the Float Plans/Runs generated as a quick summary with efficient search criteria. This screen also enables the user to review across multiple Plans/Runs. Provision to Force Close the runs where entire review/action is not mandatory is also provided in this screen.

Managing Float Plan and Run

- Select the **Manage Float Plan and Run** activity under the **Float Management** business component. The **Manage Float Plan and Run** page appears.

Manage Float Plan and Run

Document Type: **Float Run** | Document #: **Float Plan #, Float Run #** | Document Status: **Fresh** | Document Description:

Advanced Search

Search On: **Pool / Customer / Aircraft Attributes** | Search By: | Category: | Float Type:

Confirmed Date: | Scheduled Date: | Process Period: | Planned By:

User Status: | **Search**

Search Results

#	Document Type	Document #	Document Status	Float Type	Category	User Status	Planned By
1	Float Run	FLT000001RUN	Fresh	Entity			
2	Float Run	FLT-0000792020	Fresh	Entity	Ctgr1	user2	
3	Float Run	PLN0000462020	Fresh	Entity		user2	
4	Float Run	PLN0000472020	Fresh	Entity		user2	
5	Float Run	PLN0000482020	Fresh	Entity			
6	Float Run	PLN0000492020	Fresh	Entity			
7	Float Run	PLN0000532020	Fresh	Entity	Ctgr1	Usrsts1	00000001
8	Float Run	RUN0000022020	Fresh	Entity		2	
9	Float Run	RUN0000032020	Fresh	Entity		2	
10	Float Run	RUN0000042020	Fresh	Entity			

Force Close

Click the pushbutton to forceclose the

- Specify the **Document Type** which could be "Float Plan" or "Float Run".
- Enter the **Document #** and specify the **Document Status**.
- In the **Advanced Search** section, specify the search criteria that are to be retrieved in the multiline.
- Document details are displayed in the multiline based on the specified criteria.
- Click the **ForceClose** pushbutton to forceclose the selected Document in the multiline.

7. Float Results

This activity allows the user to review the float results where the Optimized Results can be modified, recomputed and updated.

Reviewing Float Results

- Select the **Review Float Results** activity under the Float Management business component. The **Review Float Results** page appears.

- Enter the **Float Run #** and click the **Go** pushbutton.
- The **Ref. Float Plan #**, **Float Type**, **Plan Run Date**, **User Status**, **Processed Date & Time**, **Planned by**, **Category**, **Status** are retrieved that is saved against the Run #.
- Select the [Float Computation & Optimization](#) tab to view and modify the values computed by the Float Engine for the Part #/ Part Planning Group.
- Select the [Float Input Parameters](#) tab to record the Float Input Parameters.

Float Computation and Optimization

This tab enables to view and modify the values computed by the Float Engine for the Part #/ Part Planning Group.

- Enter the **Modified Float Qty.**, **Optimized Float**, **Float for Unscheduled Demand** and **Float for Scheduled Demand**.
- Enter the **Optimized Unscheduled Demand**, **Optimized Scheduled Demand**, **Forecasted Unscheduled Demand** and **Forecasted Scheduled Demand**.

Float Input Parameters

This tab enables to record the Float Input Parameters.

- Enter the **Scheduled Demand History**, **Unscheduled Demand History**, **Projected Scheduled Demand** and **Projected Unscheduled Demand**.
- Click the **Recompute** pushbutton to recompute the float.
- Click the **Reset** pushbutton to reset the float computation.
- Click the **Update** tab to update the float computation. Revision # will be generated/incremented in the line level for the modified lines and the modified values will be saved against the Latest Revision.

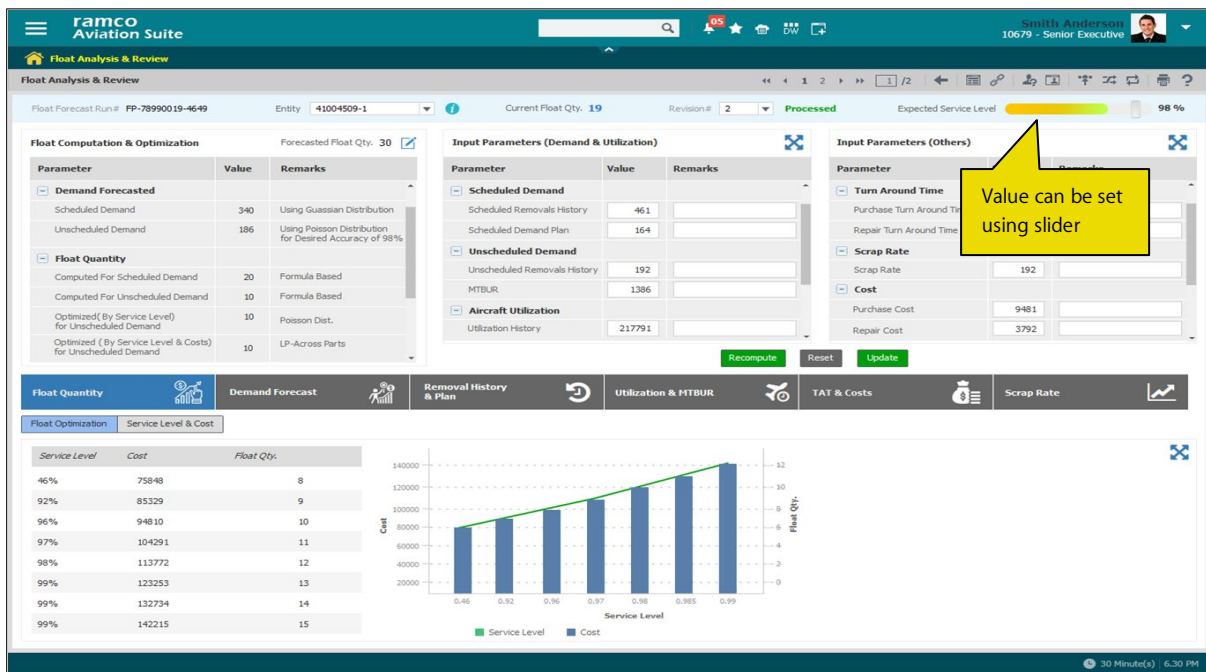
To proceed, carry out the following

- Click the **Manage Float Plan** link at the bottom of the page to manage the float forecast plan.
- Click the **Manage Float Run** link at the bottom of the page to manage the Float Run.
- Click the **View Parts Information** link at the bottom of the page to view the parts details of float plan.
- Click the **Upload Documents** link at the bottom of the page to upload the documents for Float Forecast Plan.
- Click the **View Associated Documents** link at the bottom of the page to view the associated documents for Float Forecast Plan.

Reviewing Float

This activity allows the user to perform float analysis and review for a single part in detail for a Float Run # and Entity combination. Provision to simulate float computation, update and reset is provided in this screen.

- Select the **Float Review** activity under the **Float Management** business component. The **Float Review** page appears.



- Enter the **Float Run #** and specify the **Entity** for which the float computation and Optimization is to be performed.
- In the **Input Parameters (Demand & Utilization)** section, parameter values for **Scheduled Demand**, **Unscheduled Demand** and **Aircraft Utilization** can be updated.
- In the **Input Parameters (Others)** section, parameter values for **Turn Around Time**, **Scrap Rate** and **Cost** can be updated.
- In the **Float Computation & Optimization** section, float forecasted quantity, computed and optimized values are displayed.
- Click the **Recompute** pushbutton to recompute the float results.
- Click the **Reset** pushbutton to reset to the previously saved values.
- Click the **Update** pushbutton to update the modified values and recomputed the float results.
- In the **Float Quantity** tab, the system displays the Float Optimization and Service Level & Cost details are displayed in table and chart format.
- In the **Demand Forecast** tab, the system displays the Demand Forecasted values for the period displayed in table and chart format.
- In the **Removal History & Plan** tab, the system displays the Scheduled Demand and Unscheduled Demand history & plan in table and chart format.

In the **Utilization & MTBUR** tab

- The system displays the Actual and Projected Utilization for the A/C Model in table and chart format.
- The system displays the MTBUR for the period in table and chart format.
- In the **TAT & Costs** tab, the system displays the Turn Around Time and Costs for Purchase and repair in table and chart format.
- In the **Scrap Rate** tab, the system displays the scrap rate for period in table and chart format.

WHAT'S NEW IN PART ADMINISTRATION?

Ability to define Alternate Parts coverage for Frequently Requested Parts

Reference: APRP-983

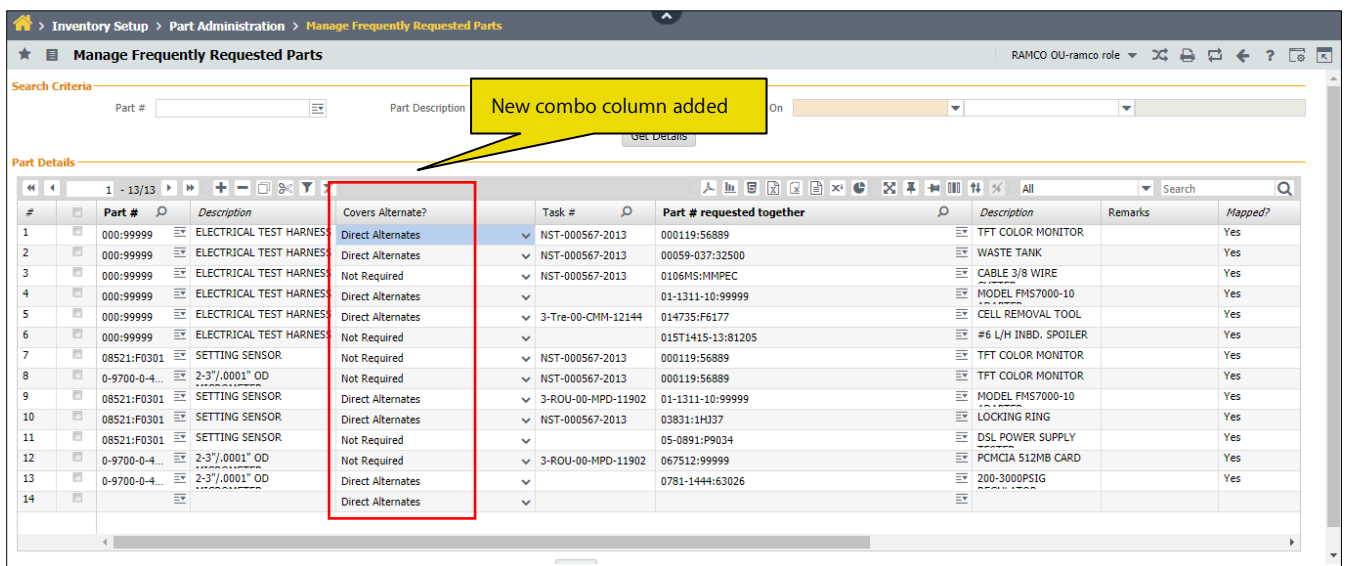
Background

Currently, for the frequently requested parts definition there is no ability to copy a definition for the alternate parts as well. For each part, though an alternate, the definitions are needed to be redefined. Business need is to have an ability to copy the frequently requested parts definition for its alternates.

Change Details

A new combo column 'Covers Alternate?' is added in the Part Details multiline in **Manage Frequently Requested Parts** screen of the **Part Administration** business component.

Exhibit 1: Identifies the new column in **Manage Frequently Requested Parts** screen



The screenshot shows the 'Manage Frequently Requested Parts' screen. The 'Part Details' table has a new column 'Covers Alternate?' highlighted with a red box. A yellow callout box points to this column with the text 'New combo column added'.

#	Part #	Description	Covers Alternate?	Task #	Part # requested together	Description	Remarks	Mapped?
1	000:99999	ELECTRICAL TEST HARNESS	Direct Alternates	INST-000567-2013	000119:56889	TFT COLOR MONITOR		Yes
2	000:99999	ELECTRICAL TEST HARNESS	Direct Alternates	INST-000567-2013	00059-037:32500	WASTE TANK		Yes
3	000:99999	ELECTRICAL TEST HARNESS	Not Required	INST-000567-2013	0106MS:MMPEC	CABLE 3/8 WIRE		Yes
4	000:99999	ELECTRICAL TEST HARNESS	Direct Alternates		01-1311-10:99999	MODEL FMS7000-10		Yes
5	000:99999	ELECTRICAL TEST HARNESS	Direct Alternates	3-Tre-00-CHM-12144	014735:F6177	CELL REMOVAL TOOL		Yes
6	000:99999	ELECTRICAL TEST HARNESS	Not Required		015T1415-13:81205	#6 L/H INBD. SPOILER		Yes
7	08521:F0301	SETTING SENSOR	Not Required	INST-000567-2013	000119:56889	TFT COLOR MONITOR		Yes
8	0-9700-0-4...	2-3"/.0001" OD	Not Required	INST-000567-2013	000119:56889	TFT COLOR MONITOR		Yes
9	08521:F0301	SETTING SENSOR	Direct Alternates	3-ROU-00-MPD-11902	01-1311-10:99999	MODEL FMS7000-10		Yes
10	08521:F0301	SETTING SENSOR	Direct Alternates	INST-000567-2013	03831:1HJ37	LOCKING RING		Yes
11	08521:F0301	SETTING SENSOR	Not Required		05-0891:P9034	DSL POWER SUPPLY		Yes
12	0-9700-0-4...	2-3"/.0001" OD	Not Required	3-ROU-00-MPD-11902	067512:99999	PCM/GIA 512MB CARD		Yes
13	0-9700-0-4...	2-3"/.0001" OD	Direct Alternates		0781-1444:63026	200-3000PSIG		Yes
14			Direct Alternates					

In **Mechanic Anywhere** while requesting for a Part, the service for suggesting Part requested together based on 'Manage Frequently Requested Part' will also check if the Part is an alternate to any defined Part where the combo 'Covers Alternate?' is selected as Direct Alternate, if found the same definition would be used for the given Part # as well.

WHAT'S NEW IN STOCK MANAGEMENT?

Ability to review the compliance details for the Part-Serial/Lot defined and also for the other stock available based on the Allocation Rules

Reference: APRP-568

Background

This enhancement provides the ability to review the compliance details for a Part-Serial/Lot allocated for a demand and also the ability to review the available stock across Warehouses based on the defined Allocation Rules.

Change Details

The following changes are made in the respective screens to meet the above business requirement.

1. A new column 'Allocation Rule Compliance?' is added in **Edit Storage Information** screen under **Edit Issue** activity to act as an indicator and a popup trigger point for the rules compliance details.

Exhibit 1: Identifies the **Edit Storage Information** screen

The screenshot displays the 'Edit Storage Information' screen. At the top, the breadcrumb trail is 'Stock Management > Stock Issue > Edit Storage Information'. The main header is 'Edit Storage Information'. Below this, there are sections for 'Issue Information' and 'Line # Details'. The 'Issue Information' section shows Issue # UI20000334, Status Fresh, Warehouse # CX, Description CX MAIN ST, Base Currency USD, and Part # Z120H0081112. The 'Line # Details' section shows Line # 1, Total Issue Qty 1.00, Stock Status OWNED, Part Control Type Serial Controlled, Transaction UOM EA, Preferred Condition, and Part Type Component. Below these sections is the 'Storage Information' table. The table has columns: #, Line #, WH - Zone #, Bin #, Serial #, rer Lot #, Issue Part Condition, Qty., Available Qty., Issue Cost, and Allocation Rule Compliance?. The table contains two rows of data. The first row (Line 1) shows WH - Zone # CX, Bin # CX, Serial # P3, Qty. 1.00, Available Qty. 0.00, Issue Cost 0.00, and Allocation Rule Compliance? with a green checkmark. A red box highlights the 'Allocation Rule Compliance?' column header and the first data row.

2. A new column 'Allocation Rule Compliance?' is added in **View Zone / Bin & Serial / Lot # Information** screen under **View Issue** activity to act as an indicator and a popup trigger point for the rules compliance details.

Exhibit 2: Identifies the View Zone / Bin & Serial / Lot # Information screen

Issue Information

Issue # GI-011924-2020 Status Confirmed Warehouse # 0123
 Description Test Warehouse Base Currency CAD

Line # Details

Line # 1 Get Details Part # 000:99999_C9 Part Description Allocation Review testing Serial ...
 Total Issue Qty 1.00 Transaction UOM EA Stock UOM EA
 Stock Status Accepted Preferred Condition Requirement Type Normal
 Part Control Type Serial Controlled Part Type Component

Storage Information

#	Line #	WH - Zone #	Bin #	Part Serial #	Issue Part Condition	Qty	Issue Cost	Expiry Date	Allocation Rule Compliance?	Original Lot #
1	1	01	1	S2	New	1.00	100.00		✓	
2	1									

Stock Issue -> View Issue | Last Login on 09-18-2020 at 02:47:12 PM | (Server: 1.911 / Client: 0.641) | No error(s) | 56 Minute(s) | 2:54 PM

- The Pop-up to show the actual values against each parameter for the respective Serial/Lot #.

Exhibit 3: Identifies the Review Allocation Details pop-up screen

Issue Details

Issue # GIS20000367 Line # 1

Part-Serial/Lot Details

Part # Z120H0312308 AFT ATTENDANT PANEL Serial #/Lot # A3 Mfr. Serial #/Mfr. Lot # A3

Rule Details

Rule ID SAR-000059-20 Sour WH - CX Rule Value Component TSN > '6000' AND Component CSN < '5000' AND Component Age ...

#	Allocation Parameter	Actual Value	Complied?
1	Aircraft Age Years>1	1	✓
2	Certificate Age Months>1		✓
3	Component Age Days>20	44	✓
4	Component CSN<5000	4000	✓
5	Component TSN>6000	7000	✓
6	Cycle Parameter=FC	FC	✓
7	Time Parameter=FH	FH	✓

- Help on Serial/Lot Information** is enhanced to search and indicate based on the Rule Compliance for the Issue document.

Exhibit 4: Identifies the Help on Serial/Lot Information screen

Storage Information

Warehouse # WH - Zone # Bin #

Search Criteria

Part #
 Part Description
 Expiry Date Till ?
 Trading Partner Type
 Parameter
 Manufacturer Serial #
☒ Show Allocation Rule Complied stock only

Mfr. #
 Condition
 Display Option
 Source Document #
 Parameter Value: To
☐ Serial / Lot With Zero Quantity

Search Results

#	Part #	Lot #	Qty	UOM	Stock Status	Condition	Warehouse #	Zone #	Bin #	Allocation Rule Compliance?	Trading Par
1	Z030H00051		1.00	EA	OWNED	New	CPR	CPR	DHL/G09	✓	
2	Z030H00051		1.00	EA	OWNED	New	CPR	CPR	DHL/G09	✓	
3	Z030H00051		1.00	EA	OWNED	New	CPR	CPR	DHL/G09	✓	
4	Z030H00051		1.00	EA	OWNED	New	CPR	CPR	DHL/G09	✓	

Stock Issue -> Create Maintenance Issue | Last Login on 18/Sep/2020 at 19:17:27 | (Server: 4.588 /Client: 0.145) | No error(s) | 59 Minute(s) | 7:31 PM

- A new column 'Allocation Rule Compliance?' is added in the Part Details multiline in **Inventory Operations Hub** screen of **Inventory Operations** business component to act as an indicator and a popup trigger point for the rules compliance details.

Exhibit 5: Identifies the Inventory Operations Hub screen

Inventory Operations Hub

HAECO OU-HAECO ROLE

Search - Filter

CSK

TO BE CONFIRMED (20)

#	Type	Document #	Date	Priority	Due / Age	Status	A/C Reg #	Reference Doc #	Addit
1	ISU	UI20000354	16/Sep/2020			2	Confirm Issue		
2	ISU	GIS20000364	07/Sep/2020	Normal		11	Confirm Issue	B-HSD	MR20000539
3	ISU	GIS20000365	07/Sep/2020	Normal		11	Confirm Issue	B-HSD	MR20000541
4	ISU	GIS20000361	02/Sep/2020	Normal		16	Confirm Issue		MR20000542
5	ISU	GIS20000360	01/Sep/2020	Normal		17	Confirm Issue		MR20000540

Doc. Details

Document #
 Date
 Status
 Type
 References
 Remarks

Part Details

#	Part #	FLG	Part Desc.	Serial # / Lot #	CND	PCT	Alloc. Rule Comp?	Next Action
1	Z04GH000820A		DECODER ENCODER UNIT	A3			✓	Confirm Issue
2	Z04GH000820A		DECODER ENCODER UNIT	A4			✓	Confirm Issue

Action Links **Quick Links**

Record Hazmat Compliance
 Confirm Issue
 Edit Issue
 Upload Documents
 View Associated Doc. Attachments

Hazmat Shelf life Warehouse Serial Lot New Serviceable Unserviceable Overhauled

- Help on MR Planning Options screen under **Demand Management Hub** is enhanced to search for Allocation Rule complied stocks for the Material Request.

Ability to restrict Issues to Customer based on Restriction codes and also restrict allocation

Reference: APRP-910, APRP-1050

Background

Manage Part Restrictions screen facilitates to identify the parts that are restricted for usage. The type of documents that need to be restricted for a Part can be identified using the parameters in the **Define Process Entities** activity, under the 'Stock Restriction Codes'. Currently, the general issue, rental order issue and direct issues identify and validate the restriction only during confirmation.

Business need is to restrict these issues during creation itself, as these issues are the primary issues used to issue materials to the customers and so, validating the restriction at confirmation stage will be too late. It is also required to restrict issue of certain parts to certain customers, as those customers do not prefer those Parts.

Change Details

In the **Define Process Entities** activity, the permitted values for the parameters, 'Allow General Issue', 'Allow Rental Order Issue' and 'Allow Direct Issue' are modified to identify if restriction should be done on Issue Creation or Confirmation. Based on the option setting and the definition in the **Manage Part Restrictions** screen, whenever issue is created/modified/confirmed, validations will be thrown to ensure Part specific restrictions and Serial/Lot #s allocation will be restricted, if the restriction is defined at Serial/Lot level in the **Manage Part Restrictions** screen.

Also, the Customer # to which the Parts are issued is also validated in these events, with the definition in the **Manage Part Restrictions** screen.

Ability to have the Coverage Details summarized for the Material Request Line

Reference: APRP-1005

Background

Currently, the View Coverage Details screen in Material Request displays the documents used for covering the Material Requests. However, certain documents in the chain, such as the Advance Shipping Note/Shipping Note generated against the Repair Orders/Stock Transfer Issue are not displayed in the View Coverage Details. Business need is to have Coverage Details summarized for a Material Request line #, through various Coverage Status based on the Planning Document, along with display of ASN/Stock Transfer Shipping Note/Repair Orders used to cover a Material Request.

Change Details

Material Request

A New column 'Coverage Status' is added in the **View Material Request** activity. This column will summarize and display the Coverage Status of the Material Request Line #.

Exhibit 1: Identifies the **View Material Request** Screen

The screenshot displays the 'View Material Request' screen. It includes several tabs: MR Info, Exchange Info, Additional Info, MR For, Ref. Doc. Info, Other Info, and Part Details. The 'Part Details' tab is active, showing a table with columns: #, Line #, Requested Part #, Planning Type, Status, Coverage Status, Material Type, Available Qty, Stock UOM, and Authorized Qty. A red box highlights the 'Coverage Status' column, which contains the value 'Ordered'. A yellow callout box points to this column with the text 'New column 'Coverage Status''.

#	Line #	Requested Part #	Planning Type	Status	Coverage Status	Material Type	Available Qty	Stock UOM	Authorized Qty.
1	1	PRCAP-03092020-1	Min-Max		Ordered	Regular	4.00	EA	

On click of Coverage Status, the View Coverage Summary Screen will launch. This 'View Coverage Summary' is same as the 'View Coverage Details' screen of View Material Request Activity.

The existing multilines in the 'View Coverage Details' is modified and grouped as a single multiline to display the entire chain of documents used for sourcing the Material Request. New section is added in this screen to display the summary of Qty requested and covered.

Exhibit 2: Identifies the View Coverage Summary screen

View Coverage Summary

Material Request # MR-000198-2020
MR Class Maintenance
MR Priority AOG
Warehouse # 0123
MR Type Unplanned
Need Date

Line Level Coverage Summary
Line # 1
Get Details
Allocated Qty. 4
Covered Qty. 3
Issued Qty. 1
Pending Qty. 1
Coverage Status Multiple

Coverage Details

#	Part #	Part Description	Coverage Status	PR #	PR Date	Order Type	Order #	Order Date	Order Status	ASN #	ASN Date	Line #	Sched.
1	000:99999	ELECTRICAL TEST HARNESS	Pending Receipt Confirmation			Stock Transfer	AST-001565-2020		Authorized			1	
2	000:99999	Electrical test harness	Order Raised	PR-11211	11.8.20	Pur. Order	PO-10221	12.8.20	Open			1	
3	000:99999	Electrical test harness	Pur. Requested	PR-11211	11.8.20	Pur. Order						1	
4	000:99999	Electrical test harness	Shipped				RO-10221	12.8.20	Authorized	ASN-191	13.8.20	1	

Coverage Status is derived based on the Status of the Ref. Documents that is planned against the Material Request. Below table explains the various Coverage Statuses based on the Planning Document.

Ref. Doc Type	Coverage Status	Description
Purchase Request	Purchase Requested	If the PR is raised in Authorized Status for the part without Purchase Order
Purchase Order/Repair Order	Order Pending Approval	If the PO is in Draft / Fresh / Amended / Hold / RO is in Released Status.
Purchase Order/Repair Order	Ordered	If the PO is in Open Status / RO is in Authorized Status.
Purchase Order/Repair Order	Partially Ordered	If partial items are ordered in the PO/RO
Purchase Order/Repair Order	Shipped	If ASN is recorded against the PO/RO
Purchase Order/Repair Order	Partially Shipped	If partial items are recorded against the PO/RO in ASN
Purchase Order/Repair Order/Stock Transfer	Partially Received	If partial items are received against the PO/RO/STI
Purchase Order/Repair Order/Stock Transfer	Quarantined	If the parts are quarantined in GR/STR against the PO/RO/STI.
Purchase Order/Repair Order/Stock Transfer	Received	If the parts in GI/STR is received.
Stock Transfer	Transfer Raised	If Stock Transfer is raised for the Part

Ref. Doc Type	Coverage Status	Description
Stock Transfer	Pending ST Issue confirmation	If the Stock Transfer Issue is in Fresh Status.
Stock Transfer	In-Transit	If the Stock transfer Issue is in Confirmed Status but no receipt
Stock Transfer	Pending Receipt Confirmation	If the Stock Transfer Receipt is in Fresh Status
Make Work Order	SWO in Progress	If a SWO is linked to the MR and the SWO is not in closed status
Make Work Order	Part Returned	If a SWO is returned (Maintenance Return in Draft / Fresh / Confirmed Status)
Make Work Order	Pending Return Confirmation	If return is in Draft or Fresh Status
Stock Issue	Partially Allocated	If Partial items are allocated in the Issue which is in Fresh status
Stock Issue	Allocated	If Issue against MR is in Fresh status
Stock Issue	Partially Issued	If Partial items are Issued against the MR
Stock Issue	Issued	If Issue against MR is in Confirmed status

WHAT'S NEW IN DEMAND MANAGEMENT HUB?

Ability to propose stock available in Non-Alternate warehouses

Reference: APRP-1124

Background

Propose Allocation capability in the **Demand Management Hub**, provides the Material Planners with a capability to exactly identify the shortage quantity for Parts consolidating all the Material Requests. Currently, only the stock available in the Requesting Warehouse and Alternate warehouses are considered to arrive at the shortage quantity that needs to be planned. However, in emergency scenarios, it is quite common to initiate a stock transfer even from Non-Alternate warehouses.

Business need is to have the provision to consider the stock availability in the Non-Alternate Warehouses as well, to arrive at the quantity that needs to be planned manually by the Material planner.

Change Details

A checkbox, 'Incl. All WH Stk.' is added near the 'Propose Allocation' button in the **Demand Management Hub**. When this checkbox is selected during click of Propose Allocation, the stock available even in the Non-Alternate warehouses will be considered for allocation proposal. Stock available in Non-Alternate warehouses will be considered for proposal after considering the stock in the Requesting warehouse and then the alternate warehouses.

Exhibit 1: Identifies the New Check Box Addition in **Demand Management Hub** screen

The screenshot displays the 'Demand Management Hub' interface. At the top, there are tabs for 'To be Assigned' (2), 'To be Planned' (2), 'Planned MR' (4), 'In Purchase Request' (3), and 'Under Orders' (2). The 'To be Planned' tab is active. Below the tabs is a table with columns: #, MR #, Need Date, MR Priority, Warehouse #, Part #, Part Desc., Req Qty, Pend. Qty, Planning Option, Coverage Entity, Entity Value, Available Qty, and Action. Two rows of data are visible. Below the table, there is a checkbox labeled 'Incl. All WH Stk.' which is currently unchecked. A yellow callout box with the text 'New Check Box 'Incl. All WH Stk.' is added' points to this checkbox. To the right of the checkbox are buttons for 'Propose Allocation' and 'Initiate Action'. At the bottom right, there is a 'Quick Links' dropdown menu.

#	MR #	Need Date	MR Priority	Warehouse #	Part #	Part Desc.	Req Qty	Pend. Qty	Planning Option	Coverage Entity	Entity Value	Available Qty	Action
1	MR-003498-2020	01-20-2020	Normal	0123	DMH1	Test1	5.00	3.00					
2	MR-003632-2020	02-19-2020	Normal	0123	DMH1	Test1	5.00	4.00					

WHAT'S NEW IN STOCK TRANSFER RECEIPT?

Ability to confirm Stock Transfer Receipt at Line Level

Reference: APRP-846

Background

In the Stock Transfer receipt, whenever the Part # is marked as Quarantined, then the whole Stock transfer receipt will be in difficult to confirm. Business Need is to confirm the Stock Transfer Receipt at Line Level. Based on the new set option, during the confirmation of STR the quarantined part will be removed from the old STR and New STR created and the Quarantine Details will be copied to the New STR from the Old STR.

Change Details

A new set option "Automatic creation of Stock Transfer Receipt for Quarantined Parts" is added under 'Stock Transfer' category, in **Set Inventory Process Parameters** screen. If the Set option is set as 'Yes', then New STR will be created for the Quarantined Parts only when the 'Allow Multiple receipts for a Stock Transfer Receipt' is set as 'Yes', or else error message is displayed.

If the Set Option 'Automatic Creation of Stock Transfer Receipt for Quarantined Parts' is set as 'No', error message is displayed.

Details like Supplementary Information, Inspection Details, Part Serial MOD details and Hazmat compliance have to be copied from the Old STR to the New STR for the Quarantined Parts.

In the **Confirm Stock Transfer Receipt** screen, multiple Receipts can be selected with the Quarantined Parts for the Confirmation and New Receipt(s) created with the details copied from the Old STR.

In **Inventory Operations Hub**, multiple Receipts can be selected with the Quarantined Parts for the Confirmation and New Receipt(s) created with the details copied from the Old STR.

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

Procurement Management > Logistics Common Master > Set Inventory Process Parameters

★ Set Inventory Process Parameters RAMCO OU-Ramco Role Date Format: yyyy-mm-dd

Search Criteria Category: Stock Transfer

Search Results

#	Category	Parameter	Permitted Value	Value	Status	En
1	Stock Transfer	Allow Modification of Taxable Amount?	Enter '0' for 'Not Required' , '1' for 'Required'	1	Defined	
2	Stock Transfer	Automatic creation of Stock Transfer Receipt for Quarantined Parts	Enter '0' for 'No' , '1' for 'Yes'	1	Defined	
3	Stock Transfer	Consider Standard Cost of the Part as the Taxable amount for Parts of Expense Type "Capital"	Enter '0' for 'Not Required' , '1' for 'Required' , '0' for 'Not'	1	Defined	
4	Stock Transfer	Default Issue Option for Stock Transfer	Enter '0' for 'Document Level' , '1' for 'Line Level'	0	Defined	
5	Stock Transfer	Default Transfer Type for Serial Controlled Parts	Enter '0' for 'General' , '1' for 'Specific'	1	Defined	
6	Stock Transfer	Stock availability check for Stock Transfer Draft/Fresh Status	Enter '0' for 'Not Required' , '1' for 'Required'	1	Defined	
7	Stock Transfer	Tax Inheritance	Enter '0' for 'Not Required' , '1' for 'Required'	1	Defined	
8						

New Parameter added

Set Parameters

Record Statistics

WHAT'S NEW IN STOCK DEMAND MANAGEMENT?

Ability to manage Stock allocation by having Advanced rules defined by Maintenance Due days/values

Reference: APRP-1051

Background

Advanced Allocation Rules can be defined using various parameters like Certificate Type, Stock Condition, Certificate Age, Component Utilization history, etc. and utilized for the automatic allocation of stock against the Material Request. One of the key parameters based on which advanced allocation is generally governed is the Maintenance Due details of a Part, as a part that could become due for maintenance shortly, will not be accepted by a requestor.

Business need is to have advanced allocation rules defined using the Maintenance Due details of a Part and handle allocation based on the same.

Change Details

In the Rules pop-up, that gets launched from **Manage Stock Allocation Rules** screen, the following parameters are added to facilitate Allocation Rule definition using Maintenance Due details.

- Remaining Due Days
- Due Parameter - FH
- Due Parameter - FC

If allocation based on advanced allocation rules is set as applicable in the **Set Inventory Process Parameters** screen, stock available in the warehouse that satisfies the rules defined based on Remaining Due Days/Values will alone be allocated, for the Component parts. If Maintenance Program is not defined for a Component part, but allocation rule with Remaining Due Days/Values is defined for it, stock will not be allocated as due days/values will not be available for the serial #.

Exhibit 1: Identifies the additional parameters added in Stock Allocation Rules Screen

The screenshot shows the 'Allocation Rules' window in the Ramco Aviation Solution. The 'Rule Info.' tab is active, displaying Rule ID SAR000059, Rule Description RDD07, and Effective From 05-05-2020. The 'Rule Builder' section shows a dropdown menu for 'Component TSO' with a 'less' operator. A list of parameters is displayed, including 'Remaining Due Days', 'Due parameter - FH', and 'Due parameter - FC', which are highlighted in a red box. A yellow callout box points to these parameters with the text: 'Remaining Due Days, Due parameter - FH, Due Parameter - FC added in the Rule parameters'.

Rule Info.

Rule ID	SAR000059	Rule Description	RDD07	Effective From	05-05-2020	Effective To
<p>AND OR Not True</p> <p>Component TSO less</p> <p>Time Parameter</p> <p>Cycle Parameter</p> <p>Part Tech. Data Req. Comp</p> <p>PMA Usage</p> <p>Deviated Parts Usage</p> <p>Stock Status</p> <p>Comp CSN (% of A/C CSN)</p> <p>Life Parameter</p> <p>Rem. MRO. War. Life (Days)</p> <p>Rem. MRO. War. Life (Months)</p> <p>Rem. MRO. War. Life (Years)</p> <p>Rem. MRO. War. Life (Param)</p> <p>Rem. Sup. War. Parameter</p> <p>Rem. MRO. War. Parameter</p> <p>Remaining Due Days</p> <p>Due parameter - FH</p> <p>Due parameter - FC</p>						

Save

Stock Demand Management -> Manage Stock Allocation Rules

21 Minute(s) 4:40 PM

Ability to restrict Stock Transfer from Warehouse, which is not part of Pool

Reference: APRP-1001

Background

Material Request gets raised against a warehouse whenever there is a need for materials. If stock is not available in the Requested Warehouse, the alternate Warehouses from where stock can be transferred can be defined. This provision facilitates automated Material Request Planning to a greater extent. In case of ITM organizations, the stock required to meet customer needs is generally maintained at Pool level, where Pool is a collection of warehouses. In this business model, Customer Material demand will be fulfilled within the Pool, though there could be alternate warehouses outside the pool, which will be used for satisfying internal demands.

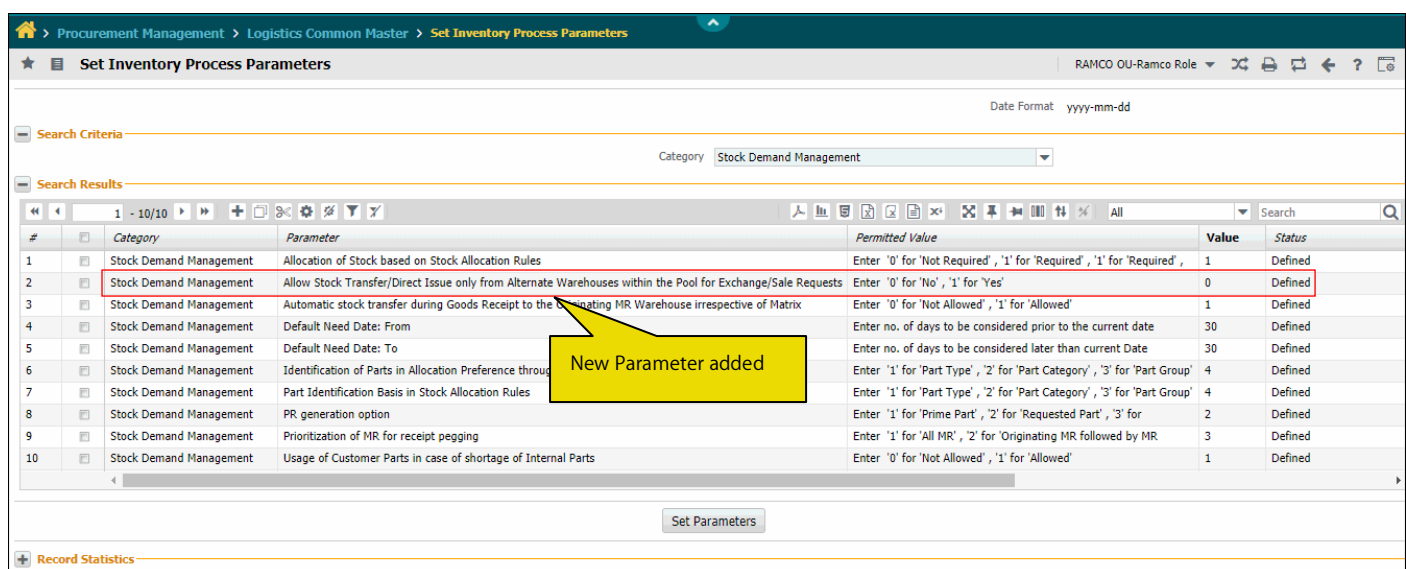
Business need is to have a provision to restrict transfer of Stock from warehouses only within the Pool for Customer demands.

Change Details

A new Set Option "Allow Stock transfer/Direct Issue only from Alternate Warehouse within the Pool for Exchange/Sale Requests" is added under 'Stock Demand Management' Category, in the **Set Inventory Process Parameters** screen of the **Logistics Common Master** business component.

- If the value is defined as 'Yes', the Stock Transfer/Direct Issue is allowed only when the Alternate Warehouse defined in the **Set Options** screen of **Stock Demand Management** business component, is within the defined pool from on which the Material Request is placed.
- If the Value is set as 'No', restriction of the Pool is not applicable on the alternate warehouses.

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



The screenshot shows the 'Set Inventory Process Parameters' screen. The 'Category' is set to 'Stock Demand Management'. The table below lists the parameters, with the new parameter highlighted by a red box and a yellow callout box labeled 'New Parameter added'.

#	Category	Parameter	Permitted Value	Value	Status
1	Stock Demand Management	Allocation of Stock based on Stock Allocation Rules	Enter '0' for 'Not Required', '1' for 'Required', '1' for 'Required',	1	Defined
2	Stock Demand Management	Allow Stock Transfer/Direct Issue only from Alternate Warehouses within the Pool for Exchange/Sale Requests	Enter '0' for 'No', '1' for 'Yes'	0	Defined
3	Stock Demand Management	Automatic stock transfer during Goods Receipt to the Originating MR Warehouse irrespective of Matrix	Enter '0' for 'Not Allowed', '1' for 'Allowed'	1	Defined
4	Stock Demand Management	Default Need Date: From	Enter no. of days to be considered prior to the current date	30	Defined
5	Stock Demand Management	Default Need Date: To	Enter no. of days to be considered later than current Date	30	Defined
6	Stock Demand Management	Identification of Parts in Allocation Preference through	Enter '1' for 'Part Type', '2' for 'Part Category', '3' for 'Part Group'	4	Defined
7	Stock Demand Management	Part Identification Basis in Stock Allocation Rules	Enter '1' for 'Part Type', '2' for 'Part Category', '3' for 'Part Group'	4	Defined
8	Stock Demand Management	PR generation option	Enter '1' for 'Prime Part', '2' for 'Requested Part', '3' for	2	Defined
9	Stock Demand Management	Prioritization of MR for receipt pegging	Enter '1' for 'All MR', '2' for 'Originating MR followed by MR	3	Defined
10	Stock Demand Management	Usage of Customer Parts in case of shortage of Internal Parts	Enter '0' for 'Not Allowed', '1' for 'Allowed'	1	Defined

Ability to view Unserviceable Stock Qty during Demand Planning

Reference: APSE-885

Background

In both Plan Material Screen and Demand Management Hub screen, till now the part conditions like New, Serviceable and Overhauled Stocks should be displayed. Material Request gets raised for Unserviceable Quantities against a warehouse, whenever there is a need for materials. In both screens, there is no provision for displaying the Unserviceable quantities.

Business need is to view the Unserviceable Stock Quantities in both Plan Material and Demand Hub screens.

Change Details

A new Set Option "Basis of U/S Stock Qty to be considered for Material Planning" is added under 'Stock Demand Management' Category, in the **Set Inventory Process Parameters** screen of the **Logistics Common Master** business component.

- If the value is defined as '1', system displays the Quantities which are in unserviceable condition for the Part # across all the Warehouses.
- If the Value is set as '2', system displays the Quantities which are available in Warehouses which are mentioned as Unserviceable Warehouses as per the Material Inquiry set option screen definition.
- If the Value is set as '3', system displays the Quantities which are available in Warehouses which are mentioned as Unserviceable Warehouses as per the Set Option screen under **Component Maintenance Planning**.

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

Procurement Management > Logistics Common Master > Set Inventory Process Parameters

★ Set Inventory Process Parameters

RAMCO OU-ramco role

Date Format: mm-dd-yyyy

Search Criteria

Category: Stock Demand Management

Search Results

#	Category	Parameter	Permitted Value	Value	Status
2	Stock Demand Management	Allow Stock Transfer/Direct Issue only from Alternate	Enter '0' for 'No', '1' for 'Yes', '1' for 'Yes'	1	Defined
3	Stock Demand Management	Automatic stock transfer during Goods Receipt to the Originating	Enter '0' for 'Not Allowed', '1' for 'Allowed'	1	Defined
4	Stock Demand Management	Basis of U/S Stock Qty to be considered for Material Planning	Enter '1' for 'Part Condition', '2' for 'Warehouse Category', '3' for 'Component Maintenance Planning U/S Warehouse defi'	3	Defined
5	Stock Demand Management	Default Need Date: From	Enter no. of days to be considered prior to the current date	30	Defined
6	Stock Demand Management	Default Need Date: To	Enter no. of days to be considered later than current Date	30	Defined
7	Stock Demand Management	Identification of Parts in Allocation Preference	Enter '1' for 'Part Type', '2' for 'Part Category', '3' for 'Part Group', '4' for 'Part #'	3	Defined
8	Stock Demand Management	Part Identification Basis in Stock Allocation	'2' for 'Part Category', '3' for 'Part Group', '4' for 'Part #'	4	Defined
9	Stock Demand Management	PR generation option	, '2' for 'Requested Part', '3' for 'Requested Part only for PMA'	2	Defined
10	Stock Demand Management	Prioritization of MR for receipt pegging	Enter '1' for 'All MR', '2' for 'Originating MR followed by MR without PR', '3' for 'Originating MR followed by all other MR'	2	Defined
11	Stock Demand Management	Usage of Customer Parts in case of shortage of Internal Parts	Enter '0' for 'Not Allowed', '1' for 'Allowed'	1	Defined

New Parameter added

Set Parameters

WHAT'S NEW IN MATERIAL REQUEST?

Ability to copy the Need Date-Time, Station and Customer Request # reference from Customer Request in MR

Reference: APRP-998

Background

In the Material Request only the need date has been provided and from the customer request also only the need date was getting fetched. Business Need is to copy the Need Date-time, Station and Customer Request # Details in MR.

Change Details

In the Material Request Screen, the Need date Field has been changed to Date and Time enabled field. From the Customer Request #, the Need date and Time, Station and Priority Details will be copied to the Material Request which is generated through Advance Exchange.

During Advance exchange, if the initiating document is Customer Order #, then the need date and time details will be copied from the Customer Order# to the Material Request #.

Even if the initiating document is Customer Request#, if the changes have been made in the Customer Order then the details updated in the Customer Order # will be copied to the Material Request #.

In the Material Request Screen, in the Ref. Document field, if the Customer Order # or Part Sale Order # has been displayed, then the new links for the 'View Customer Order' and 'View Part Sale Order' are added to get the Reference Document Details.

Exhibit 1: Identifies the Control Change from Date field to Date-Time Field

The screenshot shows the 'Edit Material Request' form. The 'Need Date' field is highlighted with a red box. A yellow callout bubble points to the field with the text 'Control Type Changed'. The form includes sections for MR Details, MR Info, Additional Info, MR For, and Part Details.

#	Requested Part #	Part Description	Required Qty.	Available Qty	Req. UOM	Stock Status	Preferred Condition	Re
1	HCST-N	HCST-N	3.00	1.00	EA	Accepted		Int
2						Customer Owned		Int

Exhibit 2: Identifies the new links added in Edit Material Request activity

The screenshot shows the 'Edit Material Request' form. The 'Other Details' section is expanded, showing several new links. A red box highlights the 'View Customer Order' and 'View Part Sale Order' links. A yellow callout bubble points to the box with the text 'New links added'.

Other links visible include: Authorize Material Request, Request New Part / Part Attribute Change, Edit Stock Issue, Inquire Stock Availability Substitute Part, View Parts Information, Confirm Stock Issue, Inquire Stock Availability, View Alternate Part Nos, Check Part Availability, View Part Effectivity, Edit Preferred Serial / Lot Information, and References.

WHAT'S NEW IN STOCK TRANSFER?

Ability to update Hazmat Compliance during Stock Transfer

Reference: APRP-994

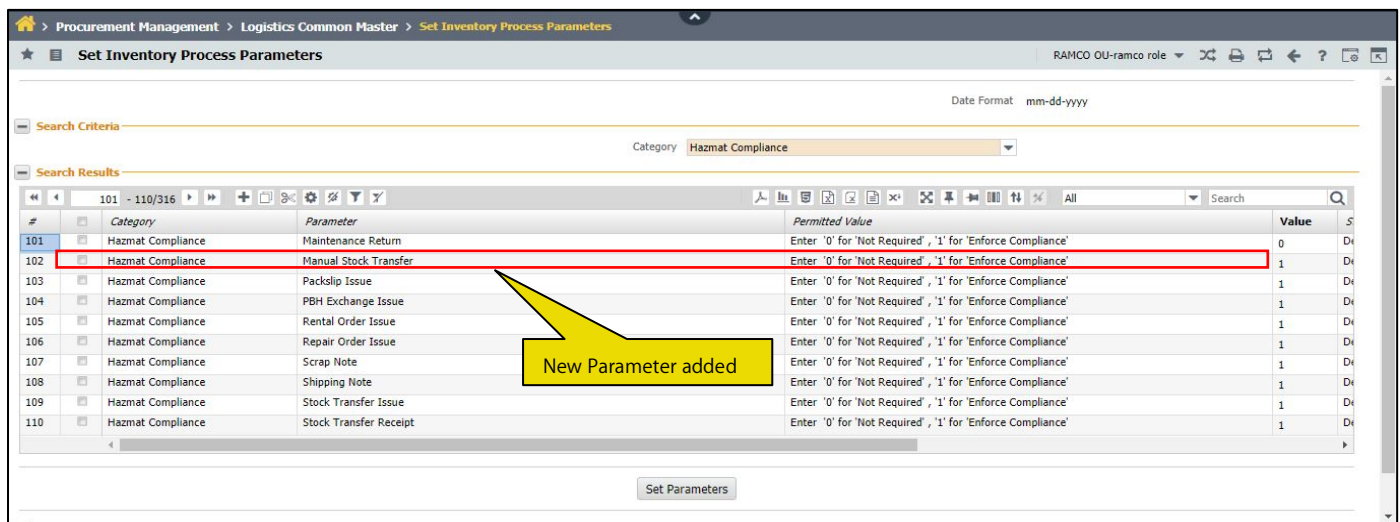
Background

Stock Transfer Orders are sometimes created manually outside the Warehouse as a way to request the movement of the Inventory. Business need is to update the Hazmat Compliance during Stock Transfer.

Change Details

1. A new set option 'Manual Stock Transfer' is added under 'Hazmat Compliance' category, in **Set Inventory Process Parameter** screen of the **Logistics Common Master** business component:
 - If the set option is set as "Enforce Compliance", then Stock Transfer Order with Hazmat Part should validate for the Hazmat Compliance Updation during Authorization.
 - If the set option is set as "Not required", then system should not enforce for the Hazmat Compliance Updation.
2. A link **Record Hazmat Compliance** is added in the **Create Inter Warehouse Stock Transfer**, **Edit Inter Warehouse Stock Transfer** and **Authorize Inter Warehouse Stock Transfer** screens.
3. A link **View Hazmat Compliance** screen is added in the **View Inter Warehouse Stock Transfer** screen.

Exhibit 1: Identifies the option settings in **Set Inventory Process Parameter** screen



Procurement Management > Logistics Common Master > Set Inventory Process Parameters

★ Set Inventory Process Parameters

RAMCO OUI-ramco role

Date Format: mm-dd-yyyy

Search Criteria

Category: Hazmat Compliance

Search Results

#	Category	Parameter	Permitted Value	Value	S
101	Hazmat Compliance	Maintenance Return	Enter '0' for 'Not Required', '1' for 'Enforce Compliance'	0	Di
102	Hazmat Compliance	Manual Stock Transfer	Enter '0' for 'Not Required', '1' for 'Enforce Compliance'	1	Di
103	Hazmat Compliance	Packslip Issue	Enter '0' for 'Not Required', '1' for 'Enforce Compliance'	1	Di
104	Hazmat Compliance	PBH Exchange Issue	Enter '0' for 'Not Required', '1' for 'Enforce Compliance'	1	Di
105	Hazmat Compliance	Rental Order Issue	Enter '0' for 'Not Required', '1' for 'Enforce Compliance'	1	Di
106	Hazmat Compliance	Repair Order Issue	Enter '0' for 'Not Required', '1' for 'Enforce Compliance'	1	Di
107	Hazmat Compliance	Scrap Note	Enter '0' for 'Not Required', '1' for 'Enforce Compliance'	1	Di
108	Hazmat Compliance	Shipping Note	Enter '0' for 'Not Required', '1' for 'Enforce Compliance'	1	Di
109	Hazmat Compliance	Stock Transfer Issue	Enter '0' for 'Not Required', '1' for 'Enforce Compliance'	1	Di
110	Hazmat Compliance	Stock Transfer Receipt	Enter '0' for 'Not Required', '1' for 'Enforce Compliance'	1	Di

Set Parameters

Exhibit 2: Identifies the link in Create Inter Warehouse Stock Transfer screen

The screenshot shows the 'Create Inter Warehouse Stock Transfer' screen. At the top, there is a table with 4 rows and 7 columns: #, Line #, Part #, Part Description, Stock Status, Qty., and an unlabeled column. The data is as follows:

#	Line #	Part #	Part Description	Stock Status	Qty.	
1	1	HCST-L	HCST-L	Accepted	2.00	
2	2	HCST-S	HCST-S	Accepted	1.00	
3	3	HCST-N	HCST-N	Accepted	1.00	
4						

Below the table are sections for 'Initiator Details', 'Other Details' (with a 'Reason for Stock Transfer' field), and 'Attachments'. A 'Create Stock Transfer' button is located below the 'Attachments' section. At the bottom, there are several links: 'Edit Inter Warehouse Stock Transfer', 'Authorize Inter Warehouse Stock Transfer', 'Record Hazmat Compliance' (highlighted with a red box and a yellow callout), 'Edit WH Zone / Bin Details', 'Edit References', 'Edit Serial # / Lot # Details', and 'Upload Documents'. A 'View Associated Doc. Attachments' link is also present.

Exhibit 3: Identifies the link in Edit Inter Warehouse Stock Transfer screen

The screenshot shows the 'Edit Inter Warehouse Stock Transfer' screen. At the top, there is a table with 2 rows and 7 columns: #, Line #, Part #, Part Description, Stock Status, Qty., and an unlabeled column. The data is as follows:

#	Line #	Part #	Part Description	Stock Status	Qty.	
1	1	HCST-S	HCST-S	Accepted	1.00	
2						

Below the table are sections for 'Initiator Details', 'Other Details' (with 'Reason for Stock Transfer' and 'Remarks' fields), and 'Attachments'. 'Edit Stock Transfer' and 'Cancel Stock Transfer' buttons are located below the 'Attachments' section. At the bottom, there are several links: 'Edit WH Zone / Bin Details', 'Edit References', 'Edit Serial # / Lot # Details', 'Upload Documents', 'Authorize Inter Warehouse Stock Transfer', and 'Record Hazmat Compliance' (highlighted with a red box and a yellow callout). A 'View Associated Doc. Attachments' link is also present.

Exhibit 4: Identifies the link in Authorize Inter Warehouse Stock Transfer screen

Stock Management > Stock Transfer > Authorize Inter Warehouse Stock Transfer

Authorize Inter Warehouse Stock Transfer

Stock Transfer # Transfer Category RAMCO OU-ramco role User Status Part Type

From Warehouse # To Warehouse # Trading Partner # From Stocking Point

Trading Partner Type Ref. Document # To Stocking Point

Ref. Document Type Serial # Date: From / To 09-09-2020 10-09-2020

Part #

Search

Search Results

#	Stock Transfer #	Created Date	From Stocking Point	From Warehouse #	To Stocking Point	To Warehouse #
1	ST-001184-2020	10-06-2020	RAMCO OU	0121	RAMCO OU	0123

View Stock Issue

Authorize Stock Transfer Cancel Stock Transfer

[Record Hazmat Compliance](#)

Link for Record Hazmat Compliance Is added

Exhibit 5: Identifies the Link in View Inter Warehouse Stock Transfer

Stock Management > Stock Transfer > View Inter Warehouse Stock Transfer

View Inter Warehouse Stock Transfer

Ref. Document Type Ref. Document #

Part Information

#	Line #	Part #	Part Description	Stock Status	Qty.	UoM
1	1	HCST-L	HCST-L	Accepted	2.00	EA
2	2	HCST-S	HCST-S	Accepted	1.00	EA
3	3	HCST-N	HCST-N	Accepted	1.00	EA

Initiator Details

Other Details

Attachments

Upload Documents

View Issue and Receipt Details

View WH Zone / Bin Details

View Specific Serial # / Lot # Details

View Associated Doc. Attachments

[View Hazmat Compliance](#)

Link for View Hazmat Compliance Is added

WHAT'S NEW IN STOCK MAINTENANCE?

Ability to view stock in NHA/Kit in Inquire Material Count & Location screen

Reference: APRP-993

Background

Inquire Material Count and Location Information screen provides the complete visibility of a Part's availability. However, if the Part is attached to an NHA which is available in stock or if the Part is a part of a Built kit available in stock, the availability is not displayed in the screen.

Business need is to have this displayed, as the decision of using the available quantity by removing the part from the Assembly/Kit can be evaluated considering the various business requirements.

Change Details

In **Inquire Material Count and Location Information** screen, a new column "In NHA/Kit" is added in the multiline. On click of Get Details, this column will display the sum of the Available quantity for the Part attached in an NHA and the quantity available in a Built Kit, which is available in stock.

In the **View Quantity Breakup Details** pop-up screen, the columns NHA Part #, NHA Serial #, Kit Part #, Kit Serial #, Kit Lot #, Kit Mfr. Serial #, Kit Mfr. Lot # and Build Kit # are added to display the details of the NHA and/or Kit Part-Serial # in which the inquired part is available.



Note: In case the NHA Part of the Inquire Part is attached to another Higher assembly, then such quantity shall not be included in arriving the 'In NHA/Kit' quantity.

Exhibit 1: Identifies the new column addition in **Inquire Material count and Location Information** screen

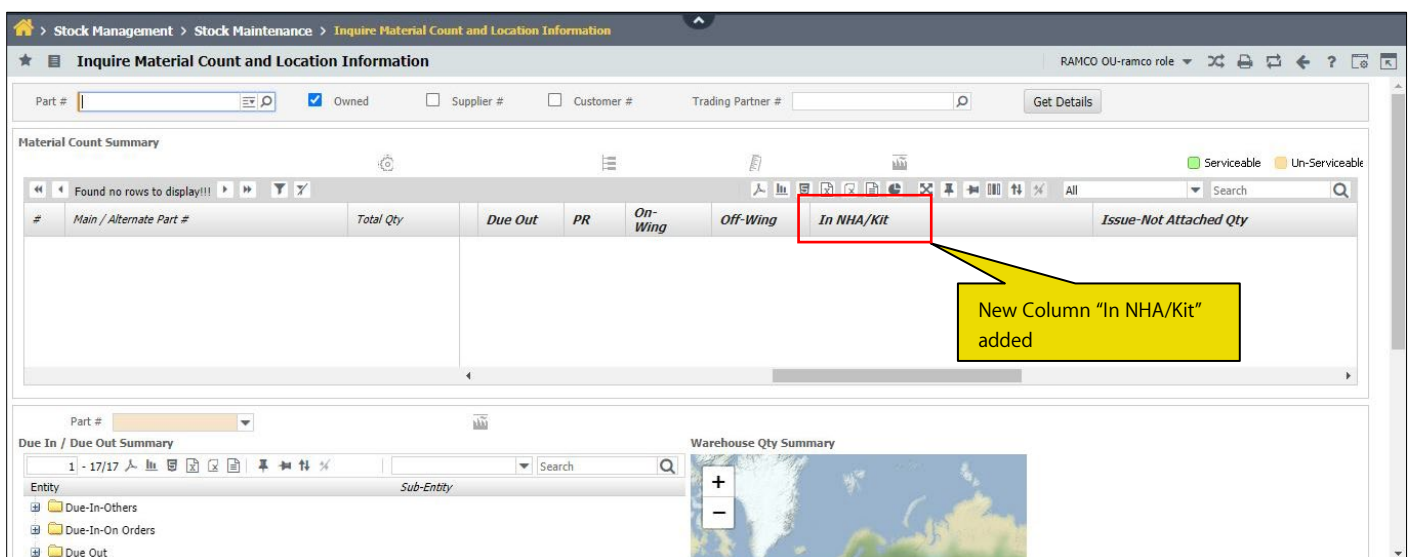


Exhibit 2: Identifies the new columns in the View Breakup Quantity Details screen

View Quantity Breakup Details

Entity & Part Information

Entity: NHA-KIT Part #: 98F27408413000:2D671 Part Description: THS ATTACH BOLTS EXTRACTOR

Available Qty: 6.00 EA

Qty Breakup Details

#	Part #	NHA Part #	NHA Serial #	NHA Component #	Level #	Position Code	Purchase UOM	Kit Part #	Kit Serial #	Kit Lot #	Kit Mfr. Lot #	Build Kit #
1	98F2740841							98F27408413000:2D671	68			KT-000012
2	98F2740841							98F27408413000:2D671	KT-000001			BRK-000001-2013
3	98F2740841							98F27408413000:2D671	KT-000001			KT-000002
4	98F2740841							98F27408413000:2D671	KT-000002			KT-000002
5	98F2740841	000:99999_CONS	SS22	A103613		1.5						
6	98F2740841	000:99999_CONS	SS22	A103613		1.7						

New columns "NHA Part #, NHA Serial #, NHA Component #, Kit Part #, Kit Serial #, Kit Mfr. Serial #, Kit Lot #, Kit Mfr. Lot # and Build Kit #" are added.

WHAT'S NEW IN STOCK ISSUE?

Ability to view Serial/Lot # for all the Parts in Create/Edit/View Issue

Reference: APRP-992

Background

Currently, Storage Information in an issue can be validated line by line. Business need is to have the provision to review the details of Storage information across all lines in a single step.

Change Details

- In the **Edit Storage Information** and **View Storage Information** screens, the Part Line # details will be moved to the Storage Information multiline, so that the details can be reviewed/modified across all Part Lines in one instance.
- In the **Edit Storage Information** and **View Storage Information** screens, Line # combo is loaded with "All", on click of "Get Details", Part-Serial-Lot Details in the issue document will be displayed in the Multiline.
- New columns are added in the multiline are "Line # and Part #" in both **Edit Storage Information** and **View Storage Information** screens.

Exhibit 1: Identifies the New Column and combo Addition in Edit Storage information

Issue Information

Issue # MIS-007568-2020 Status Draft Warehouse # 0123
 Description Test Warehouse Base Currency CAD

Line # Details

Line # 1 Get Details Part # EXPLOT 1 Part Description EXP LOT
 Total Issue Qty 1 Transaction UOM EA Stock UOM EA
 Stock Status All Preferred Condition Requirement Type Normal
 Part Control Type Lot Controlled Part Type Expendable

Storage Information

#	Indicator	Line #	Part #	MH - Zone #	Bin #	Serial #	Lot #	Manufacturer Lot #	Issue Part Condition	Qty.	Available Qty
1		1	EXPLOT 1	01	1		LOT-007...	MNL-EXP1	New	2.00	
2											

☒ Convert Issue Status to Fresh Edit Storage Information

Exhibit 2: Identifies the new column and combo addition in **View Storage Information** screen

View Zone/Bin & Serial/Lot # Information

Issue # MIS-007561-2020 Status Fresh Warehouse # YULCS
Description Ban Main warehouse Base Currency CAD

Line # Details

Line # 1 Get Details
Total Issue Qty 1
Stock Status All
Part Control Type None Controlled
Part # 0-0033466-0:2D671
Transaction UOM EA
Preferred Condition
Part Type Consumable
Part Description TERMINAL
Stock UOM EA
Requirement Type Normal

Storage Information

#	Line #	Part #	WH - Zone #	Bin #	Lot #	Manufacturer Lot #	Part Serial #	Issue Part Condition	Qty	Issue Cost	Expiry Date
1	1	0-0033466-0:2D671	G	ACM_NE					3.00	0.00	

Annotations:

- New Combo values (pointing to Line # dropdown)
- New Columns added (pointing to WH - Zone #, Bin #, Lot #, Manufacturer Lot #, Part Serial #)

WHAT'S NEW IN GOODS INWARD?

Ability to have visibility to PTDR information in Help on Receipt in Goods Inward

Reference: APRP-1323

Background

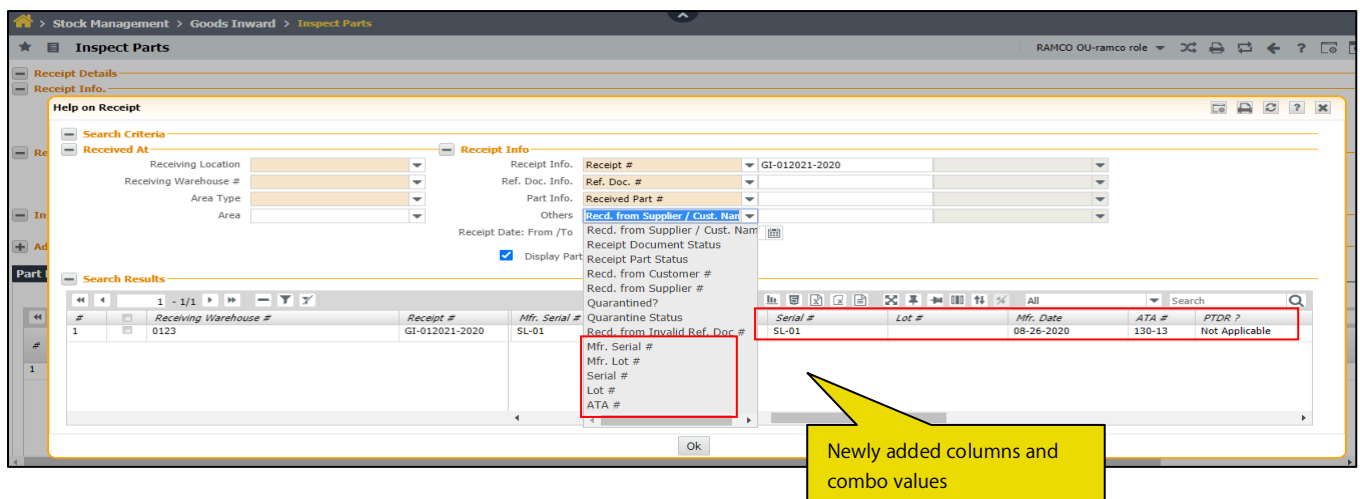
This enhancement provides the visibility of the PTDR, ATA#, and other part attributes in the Help on receipt. In many MRO organization inspector will be different for the different ATA #. Currently this information is visible in document only. This enhancement provides enables the Inspector to view/filter the receipt based on the ATA # and other part attributes in the Help on Receipt itself.

Change Details

In the **Help on Receipt** screen in **Goods Inward** business component, the following changes are done:

- In the 'Part Info' drop-down list box, the value **Mfr. Serial #** and **Mfr. Lot #** will be removed.
- In the 'Others' drop-down list box, new value "**Mfr. Serial # , Mfr. Lot #, Serial # ,Lot # and ATA #**" will be loaded.
- New columns "**Serial #**,"**Lot #**", "**Mfr. Date**", "**ATA #**,"**PTDR ?**", will be added in the search multiline.(Note: Values in these columns are displayed only if "Display Part" check box is enabled. PTDR information will be fetched from the Part Info.).

Exhibit 1: Identifies the **Help on Receipt** screen.



Ability to identify mandatory PTDR across customers and other enhancements

Reference: APRP-1318

Background

Currently, basic Customer Detail fields are not available in the Customer Goods Receipt and Repair Receipt Screen. Business need is to identify Mandatory PTDR across customers and other enhancements.

Change Details

New columns have been added in **Record Part Technical Data** screen for the Customer Related details. Collaborator Link is added in the PTDR screen.

A new change in Goods Inward screen is that the "Return As Is" column in 'Work Requested' tab will be shifted to 'Serial/Lot Details' tab to record "Return As Is" for Repair Receipt and Customer Goods Receipt.

Exhibit 1: Identifies the new column addition in **Record Part Technical data** Screen

The screenshot shows the 'Record Part Technical Data' screen. At the top, there are fields for Document Type, Document #, Document Date, and Trading Partner. Below these are tabs for 'Parameter Value Requirements' and 'Check List Requirements'. The main table has columns: #, Part #, Part Description, Serial #, Mfr. Serial #, Parameter, Mand.?, Since New, Since Overhaul, and Since Repair. A yellow callout box points to the 'Mand.?' column with the text 'New Column added'.

#	Part #	Part Description	Serial #	Mfr. Serial #	Parameter	Mand.?	Since New	Since Overhaul	Since Repair
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									

Exhibit 2: Identifies the new column addition in **Record Part Technical data** Screen

The screenshot shows the 'Record Part Technical Data' screen. At the top, there are fields for Document Type, Document #, Document Date, and Trading Partner. Below these are tabs for 'Parameter Value Requirements' and 'Check List Requirements'. The main table has columns: #, ts, Override?, Override Remarks, Notes, Source, Cust. #, Cust. Name, External Rev. #, and Ext. Rev. Date. A yellow callout box points to the 'Cust. #' and 'Cust. Name' columns with the text 'New Column added'.

#	ts	Override?	Override Remarks	Notes	Source	Cust. #	Cust. Name	External Rev. #	Ext. Rev. Date
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									

Exhibit 3: Identifies the new column addition in **Record Part Technical data** Screen

★ **Manage Goods Receipt** rvw200u-rvw20role

Additional Details

No. of Packs Consignment Weight Consignment Comments
Received by Gate Pass # Gate Pass Date
Receipt Category User Status Buyer Name
Cancellation Comments Remarks

Part Details **Serial/Lot Details** **Work Requested - Customer Parts** **Supplementary Info** **Movement Details** **Reports**

Display Option: All Line # Receipt Line # Default Mfr. Lot #

#	PCT	SLF	CRT	Line #	Operator #	Physical Damage	Return As Is?	Certificate Type	Certificate #	Certificate Date
1										
2										
3										
4										
5										

View File Save

Manage Part Serial MOD Details

Existing Column added moved from Work Requested tab to Serial/Lot details tab

WHAT'S NEW IN ADVANCE SHIPPING NOTE?

Ability to link ASN line to a PO Line and display additional info during View PO/ASN

Reference: APRP-1257

Background

Currently whenever the advance shipping note/Invoice is created against the purchase order, Purchase manager do not have the track of the advance shipping note/Invoice available for the Purchase order in the Purchase order component. To track this, the Purchase manager has to check Advance Shipping Note/Invoice separately for the Purchase order reference.

In this enhancement, Purchase manager can view the ASN/Invoice Qty raised against the Purchase order. Also, the Advance shipping note can be created at Reference document line level.

Change Details

Purchase Order

In the **View Purchase Order** screen. under the **Item Detail** multiline, few display only columns "ASN Qty", "Invoice Qty" and "EDI Status" are added.

1) In the "ASN QTY" column, tem displays the Qty as "Qty in Transit" from the **Advance Shipping Note** business component for Purchase order – Line # combination in Advance Shipping Note.

2) In the "Invoice Qty" column, system displays the Qty as "Invoice Qty" from the Supplier Order Based Invoice for the Purchase order – Line # combination in Invoice.(Other than deleted &Reversed status, show invoice Qty in the PO).

Advance Shipping Note

- 1) A new editable column "Ref. Doc Line #" is added in the Part list Multiline of the **Create/Edit Advance Shipping Note** screen.
- 2) A new display only column "Ref. Doc Line #" is added in the Part list Multiline of the **View Advance Shipping Note** screen.
- 3) The Links 'View Part Info' is added in the link section **Create/Edit/View Advance Shipping Note** screen.
- 4) In the entry page of the **Edit/View Advance Shipping Note** screen.
 - a. In the Search criteria section, new check box "View Part info" is added.
 - b. In the Multiline: Ref Doc #, Ref Doc Type, Way Bill #, Way Bill Date, Part #, PartDescription, Qty in Transit, UOM, Mfr. Serial #, Mfr. Lot # and Part Details are added.

Exhibit 1: Identifies the ASN Qty and Invoice Qty

Procurement Management > Purchase Order > View Purchase Order

Supplier Details: Supplier # 00000, Supplier Name: TEXTRON, Contact Person: Sabari, PO Currency: USD, Address ID: 1, Address: 74 N WASHINGTON, BATTLE CR...

PO Value: PO Basic Value: USD 200.00, PO Total Value: CAD 380.00, Base Currency Value: CAD 380.00, Exchange Rate: 1.90000000, PO Additional Charges: CAD 0.00

EDI Details: EDI Required: Yes, Receive PO, Receive Multi-Line PO, Send PO Acknowledgement, Receive PO Change, Send PO Change / Promise, Send Ship Notice, Send Invoice, Receive Invoice Exception

Item Details:

#	Part #	Part Description	Order Quantity	Received Qty	Accepted Qty	Short Closed Qty	ASN Qty	Invoice Qty	Purchase UOM	Cost
1	CA2304-1	CA2304-1	2.00				2.00	2.00	EA	100.00

ASN Qty and Invoice Qty.

Maintain Supplier Correspondence, View Terms & Conditions, View Document TCD details, View User Defined Details, View GR List, View Invoice, Generate Quote Comparison Report, Upload Documents, View Schedule & Distribution, View Inspection Details, View PO-PR Coverage, View Exchange Issue, View Additional Cost Details, View Associated Doc. Attachments, View Part TCD details, View Dropship Details, View References, Generate PO Report, View Spares for Subcontract PO

Exhibit 2: Identifies the ASN part Details

Procurement Management > Advance Shipping Note > Select Advance Shipping Note

Trading Partner ASN #, ASN From Date, Trading Partner ASN From Date, Trading Partner #, Origin, Ref. Document, Trading Partner ASN #, ASN To Date, Trading Partner ASN To Date, Carrier / Agency #, Destination, Ref. Document #

☒ View Part info

Search

Search Results:

#	Ref. Document #	Ref. Document	Part #	Part Description	Mfr. Serial #	D+	Mfr. Lot #	Qty in Transit	UOM
1	REP-000503-2020	Repair Order	ASN-28092020-5	Injector	SMR-03			1.00	EA
2	REP-000503-2020	Repair Order	ASN-28092020-1	Injector	SMR-03			1.00	EA
3	REP-000503-2020	Repair Order	ASN-28092020-1	Injector	SMR-01			1.00	EA
4	CO-009209-2020	Customer Order	ASN-28092020-4	Injector	SL-02			1.00	EA
5	CO-009209-2020	Customer Order	ASN-28092020-4	Injector	SL-01			1.00	EA
6	LO-000718-2020	Loan Order	ASN-28092020-1	Injector	SL01			1.00	EA
7	AP000407620	Purchase Order	CA2304-1	CA2304-1	CA2304-1b			1.00	EA
8	AP000407620	Purchase Order	CA2304-1	CA2304-1	CA2304-1a			1.00	EA
9	POA-000155-2020	Purchase Order	0091520200-3:83533	VENT VALVE-HYD R VALVE	ASNSL-99			1.00	EA
10	POA-000155-2020	Purchase Order	007LG037E:K8081	CONTROL INTERFA LDG UNIT	ASNSL-98			1.00	EA

ASN Info at Line level.

Exhibit 3: Identifies the new controls in Edit Advance Shipping Note screen

Procurement Management > Advance Shipping Note > Edit Advance Shipping Note

RAMCO OU-ramco role

Edit Advance Shipping Note

ASN Info

ASN # ASN-000419-2020
Trading Partner Type Supplier
Trading Partner ASN # TPASN1
Way Bill # TPB1

ASN Date 09-28-2020
Trading Partner # 00000
Trading Partner ASN Date 09-28-2020
Way Bill Date 09-28-2020

Status Fresh
Remarks

ASN Details

Origin MAS
ASN Sent By Carrier
Shipped by
Insurance Terms
Invoice #

Destination MDU
Carrier / Agency #
INCO Term
Insurance Liability
Invoice Amount

Expected Date of Delivery 09-28-2020
Carrier / Agency Name
Transshipment
Freight Amount

Parts List

#	Ref. Document	Ref. Document #	Ref. Doc Line #	Part #	Part Description	Mfr. Serial #	MS. Lot #	Freight Amount
1	Purchase Order	POA-000154-2020		1	ASN-28092020-1	Injector		
2	Purchase Order	POA-000154-2020		2	ASN-28092020-1	Injector		
3	Purchase Order	POA-000154-2020		3	ASN-28092020-2	Injector		
4	Purchase Order	POA-000154-2020		2	ASN-28092020-4	Injector		
5	Purchase Order							

Get Details

Edit Advance Shipping Note

Edit Route Plan

View Part Info

Control to capture the Reference document line #

Link to view the part info and Reference Document Info

WHAT'S NEW IN RELEASE SLIP?

Ability to identify EDI requirements for a Release Slip

Reference: APRP-990

Background

EDI is a technique through which the Buyers and sellers are well connected to avoid manual intervention in the order communications. There are various interfaces through which the EDI messages could be transmitted and AeroXchange is a business leader in this area. Ramco, with integrations with AeroXchange provides a powerful interface to manage Purchase Orders and Repair Orders.

Business need is to manage Release Slip documents, which is similar to Purchase Orders through the EDI messages.

Change Details

In the Manage Additional Options screen in Supplier business component, the following options are added to govern the definition of EDI message transmission, under the Category "EDI Capabilities - Release Slip".

- Receive Release Slip
- Receive Release Slip change
- Receive Multi-Line Release Slip
- Send Release Slip Change/Promise
- Send Release Slip Acknowledgement
- Send Ship Notice
- Send Invoice
- Receive Invoice Exception

In the Create Release Slip, Edit Release Slip, Amend Release Slip and View Release Slip screens, a new control "EDI Required?" is added to facilitate identification of EDI Requirement for the given Release Slip document. The value in this control will be defaulted with 'Yes', if any one of the parameter is set as 'Yes' in the Supplier master.

Exhibit 1: Identifies the 'EDI Required?' control in Release Slip

Procurement Management > Release Slip > Edit Release Slip

★ Edit Release Slip

RAMCO OU-Ramco Role

RS Info

RS # RS000018-2020 Status Fresh
RS Type Normal

BPO Details

BPO # BPO-000023-2020 BPO Date 15/Feb/2020
BPO Type Rate BPO Category
BPO Location RAMCO OU Agreement # 654
Supplier # 00000 Supplier Name Supplier 2
Address
BPO Valid from 12/Jan/2018 BPO Valid to 12/Jan/2018
BPO Basic Value CAD 338.99 Balance BPO Value CAD

RS Details

RS Date 21/Jul/2020 Buyer Group
Priority User Status For Aircraft Reg #
Exchange Rate 1.000000000 Category
Basic Value CAD 338.99 Quality Attribute Check No
Additional Charges CAD Base Currency Value CAD 338.99
EDI Required? Yes Total Value CAD 338.99

Part Details

#	Line #	Part #	Part Description	Part Condition	Order Qty.	Balance BPO
1	2	0-1245-2351	fuel pump	New	2.00	
2	3	00COMPONENT	Component prefix 0 part	New	2.00	
3	1	0-0150-3-DXXX:36361	CONTRACT 26647 RING	New	2.00	

EDI Required?' field added in Release Slip screens

WHAT'S NEW IN SUPPLIER?

Ability to validate part supplier mapping in RFQ/Quotation/PO/RO for specific suppliers

Reference: APRP-1255

Background

Currently, all Types Purchase Orders or Express Purchase Orders alone can be validated to check for Part-Supplier mapping. Similarly, all the repair orders can be validated for Part-Service-Repair Shop mapping. Major suppliers in general offer all services and so having this validation for them will not be essential.

Business need is to have this validation handled only for specific Suppliers in Purchase Orders, Repair Orders and RFQ. Option settings will be added in Supplier master to identify the suppliers for whom the Part-Supplier mapping is not mandatory for generating Purchase Order and Repair Order. Based on these options, Purchase Order/Repair Order will not validate Part-Supplier mapping.

Change Details

1. New combo values **'Allow all PO for Selective Suppliers and Map Parts'** and **'Allow all PO for Selective Suppliers and do not Map Parts'** are added under 'Part not Mapped to Supplier' Parameter, in **Purchase Option Settings** screen of the **Logistics Common Master** business component.
2. A New set option **"Part-Supplier mapping availability for Purchase Orders?"** is added under **"Others"** Category in **Manage Additional Options Screen** in the **Supplier** business component with the Permitted Values as '0' for 'Optional', '1' for 'Mandatory'.
 - If the set option is set as "Optional", then Part-Supplier mapping will not be validated when PO is raised for the given supplier, if the option 'Part not Mapped to Supplier' is defined as "Allow all PO for Selective Suppliers and Map Parts" or "Allow all PO for Selective Suppliers and do not Map Parts".
 - If the set option is set as "Mandatory", then Part-Supplier mapping will be validated when PO is raised for the given supplier, if the option 'Part not Mapped to Supplier' is defined as "Allow all PO for Selective Suppliers and Map Parts" or "Allow all PO for Selective Suppliers and do not Map Parts".

Exhibit 1: Identifies the new combo values in Purchase Option Settings screen

Purchase Option Settings

Part Not Mapped to Supplier: Allow Express PO and Map Part to Supplier

Allow Supplier as Manufacturer Reference: Allow Express PO and Map Part to Supplier

Allow Movement to Different Warehouse: Allow Express PO and Do Not Map Part to Supplier

Apportion Doc TCDs to Line Items on: Allow all PO and Map Part to Supplier

Def.Component # for Inspection: Allow all PO and do not Map Part to Supplier

Component Maintenance Program Check: Allow all PO for Selective Suppliers and Map Parts

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
1	Loan / Rental Receipt	Component Removal Assessment Data	Enter '0' for 'optional', '1' for 'mandatory'	0	Defined
2	Loan / Rental Receipt	Mfr. Date for New Components	Enter '0' for 'Optional', '1' for 'Mandatory'	1	Defined
3	Loan / Rental Receipt	Part Technical Data Requirement	Enter '0' for 'optional', '1' for 'mandatory'	0	Defined
4	Loan / Rental Receipt	Packing Slip #	Enter '0' for 'Optional', '1' for 'Mandatory'	0	Defined

3. A New combo value 'Mandatory for Selective Suppliers' is added under 'Part-Repair Process Code mapped to Supplier' Parameter, in **Set Option** screen of the **Repair Order** business component.
4. A New set option "Part-Repair Process Code-Supplier mapping availability for Repair Orders?" is added under "Others" Category in **Manage Additional Options Screen** in the **Supplier** component with the Permitted Values as '0' for 'Optional', '1' for 'Mandatory'.
 - If the set option is set as "Optional", then Part-Repair Process Code-Supplier mapping will not be validated when RO is raised for the given supplier, if the option 'Part-Repair Process Code mapped to Supplier' is defined as "Mandatory for Selective Suppliers".
 - If the set option is set as "Mandatory", then Part-Repair Process Code-Supplier mapping will be validated when RO is raised for the given supplier, if the option 'Part-Repair Process Code mapped to Supplier' is defined as "Mandatory for Selective Suppliers" or "Mandatory".

Exhibit 2: Identifies the new combo value in Set Options screen in Repair Order component

Set Options

Default Repair Agency in Repair Order: Yes

Acknowledgement of Order: Non Mandatory

Part-Repair Process Code mapped to Supplier: Non Mandatory

Repair Order only on UnServiceable parts: Mandatory

Component in Warehouse Check: Mandatory for Selective Suppliers

Spares Supplied By: Non Mandatory

Spares Shipping: With Core Only

Return to Location different from Issue Location: Allowed

Default Insured Value in Repair Order: Standard Cost

Retrieval of Related Tasks in Repair Order: Required

Default Repair Process Code for Perpetual Tasks: Repair

New Combo Values added

5. A new set option "Part-Supplier mapping availability for RFQ?" is added under "Others" Category in

Manage Additional Options screen in the **Supplier** component with the Permitted Values as '0' for 'Optional', '1' for 'Mandatory'.

- If the set option is set as "Optional", then Part-Supplier mapping will not be validated when RFQ is raised for the given supplier.
- If the set option is set as "Mandatory", then Part-Supplier mapping will be validated when RFQ is raised for the given supplier.

6. A new set option "**Part-Supplier mapping availability for Quotation?**" is added under "Others" Category in **Manage Additional Options Screen** in the **Supplier** Component with the Permitted Values as '0' for 'Optional', '1' for 'Mandatory'.

- If the set option is set as "Optional", then Part-Supplier mapping will not be validated when Quotation is raised for the given supplier.
- If the set option is set as "Mandatory", then Part-Supplier mapping will be validated when Quotation is raised for the given supplier.

Exhibit 3: Identifies the Option Setting in **Manage Additional Options** screen

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

Search Criteria: Category Others

Search Result:

#	Category	Parameter	Permitted Value	Value	Status
1	Others	Part-Repair Process Code-Supplier mapping availability for Repair Orders?	Enter '0' for 'Optional' , '1' for 'Mandatory'	1	Defined
2	Others	Part-Supplier mapping availability for Purchase Orders?	Enter '0' for 'Optional' , '1' for 'Mandatory'	1	Defined
3	Others	Part-Supplier mapping availability for Quotation?	Enter '0' for 'Optional' , '1' for 'Mandatory'	1	Defined
4	Others	Part-Supplier mapping availability for RFQ?	Enter '0' for 'Optional' , '1' for 'Mandatory'	1	Defined
5	Others	Specification of RMA mandatory for Repairs?	Enter '0' 'No' , '1' for 'Yes'	1	Defined
6					

Save

WHAT'S NEW IN REPAIR ORDER?

Ability to restrict Repair Order processing based on Buyer Group-Document Attributes mapping

Reference: APRP-1156

Background

Buyer Group can be mapped to Repair Order attributes such as the Repair Shop #, Repair Order Class and Customer # whose item is being sent for repair, in order to establish user control in the Repair Order. Business need is to have validations in the Repair Order creation/modification based on this mapping and also have automatic repair orders generated based on this mapping.

Change Details

If Buyer Control is set as 'Required' for Repair orders, whenever automatic Repair Order is generated, Buyer Group will be defaulted in the Repair Order based on the Supplier # on which the Repair Order is generated. If a customer owned item is sent for Repair, the Customer # - Buyer Group mapping will also be considered. In case, if the same Supplier/Customer is mapped to multiple Buyer Groups, then the Buyer Group will be defaulted as blank in the Repair Order.

Also, validations are added in the Create Repair Order, Edit Repair Order and Manage Repair Quote screens to ensure that the Buyer Group mapping is available for the Repair Shop/Customer whose part is sent for repair.

Ability to default Receipt Warehouse based on Pool Definition

Reference: APSE-1021, APRP-1000

Background

In ITM organizations, the stock required to meet customer needs is generally maintained at Pool Level and Pool is the Collection of Warehouses. In this business model, the unserviceable unit received from the Customer, on exchange basis gets stocked in a common unserviceable Warehouse. However, post repair, it gets stocked in a serviceable warehouse which is a part of the respective pool from which the source part was issued. Business need is to default the Receipt Warehouse in the Repair Order based on the definition in Pool master.

Change Details

The provision to identify the Return Warehouse was already provided in the Manage Request/Return Warehouse screen linked in **Maintain Pool Information** screen. Set Options are added to control defaulting the same in the Repair Order.

The new set options added under 'Repair Order' category, in **Purchase Option Settings** screen are listed below:

- Default Warehouse # based on the Request/Return Warehouse definition for Advance Exchange based Repair order.
- Default Part Planning Warehouse as the Warehouse for Advance Exchange based Repair Order, if Request/Return Warehouse is not defined.

If the value is defined as 'Yes' for the first option, Return to Warehouse which is defined in the Pool Master gets defaulted as 'To Warehouse #' in the Repair Order that is automatically generated for the Core item received on exchange basis from the customer.

If the Value is set as 'No' or if Pool definition does not have Return to Warehouse definition, then based on the second option, Warehouse will be defaulted with the one defined in the Maintain Planning Information screen for the Part.

Exhibit 1: Identifies the option settings in Purchase Option Settings screen

Procurement Management > Logistics Common Master > Purchase Option Settings

★ Purchase Option Settings RAMCO OU-Ramco Role

Allow movement to Different Warehouse: Allowed

Apportion Doc TCDs to Line Items on: Basic Value

Def.Component # for Inspection:

Component Maintenance Program Check: Non-Mandatory

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: Repair Order

#	Category	Parameter	Permitted Value	Value	Status	Error Message
11	Repair Order	'Created by' to be displayed in Repair Order	Enter '0' for 'Login User Name', '1' for 'SYSTEM'	0	Defined	
12	Repair Order	Default Certificate Type based on the	Enter '0' for 'No', '1' for 'Yes'	0	Defined	
13	Repair Order	Default Warehouse # based on the	Enter '0' for 'No', '1' for 'Yes'	1	Defined	
14	Repair Order	Default Work Unit Type				
15	Repair Order	Enforce additional Security for Cost	Default Warehouse # based on the Request/Return Warehouse definition for Advance Exchange based Repair order			

Set Options

Procurement Management > Logistics Common Master > Purchase Option Settings

★ Purchase Option Settings RAMCO OU-Ramco Role

Allow movement to Different Warehouse: Allowed

Apportion Doc TCDs to Line Items on: Basic Value

Def.Component # for Inspection:

Component Maintenance Program Check: Non-Mandatory

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: Repair Order

#	Category	Parameter	Permitted Value	Value	Status	Error Message
31	Repair Order	Default Exchange Type for Exchange Repair	Enter '0' for 'Do not Default', '1' for 'Flat', '2' for 'With Repair'	0	Defined	
32	Repair Order	Default Part Planning Warehouse as the	Enter '0' for 'No', '1' for 'Yes'	1	Defined	
33	Repair Order	Allow 'On Invoicing' and/or 'On Payment' Tax	Enter '0' for 'No', '1' for 'Yes'	1	Defined	
34	Repair Order	Repair Receipt creation if Repair Order is not	Default Part Planning Warehouse as the Warehouse for Advance Exchange based Repair Order, if Request/Return Warehouse is not defined			
35	Repair Order	Default Tool Crib as Receiving Warehouse on				

Set Options

Ability to identify Task Level Inclusion/Exclusion evaluation based on Customer Contract

Reference: APRP-1325

Background

Business Models like Inventory Technical Management services get their MOD upgrades done for the components which they serve to their customers through an external repair vendor. MOD tasks are obtained as Service Bulletins from respective OEM either as a Mandatory task or a task which improves the reliability of the component.

The task level Inclusions and Exclusions evaluation for Repair Order is enabled through an option setting. Workscope level Information for the tasks added in Repair Order can be seen in the Invoice Release with respective pricing basis based on Inclusion/Exclusion.

Change Details

Repair Order

New columns and controls are added in the **Create Repair Order**, **Edit Repair Order**, **View Repair Order** and **Manage Repair Quote** screens.

Exhibit 1: New column and control addition in **Create Repair Order** screen

The screenshot displays the 'Create Repair Order' interface. At the top, there are fields for Customer #, Customer Name, Customer Order #, and Customer Scope. Below these are tabs for 'Maint. Object & Work Scope Details' and 'Part & Warranty Details'. The 'Work Scope' section is expanded, showing a table with the following columns: #, Mfr. #, Work Unit Desc, Repair Classification, Schedule Date, Ref. Document Type, and Ref Document #. A red box highlights the 'Repair Classification' dropdown menu, which lists various categories: ABUSED, CID, COA, DOD, FOD, FORCE MAJEURE, IFSD, LLPR, MISSING PARTS, MISUSE, MOD, NON QUALITY, OVER AND ABOVE, RMCF, ROUTINE, and TEST. A yellow callout points to the dropdown with the text 'New Controls added'. Another yellow callout points to the 'Repair Classification' column header with the text 'New Combo column added'.

Exhibit 2: New Columns added in Manage Repair Quote screen

The screenshot displays the 'Manage Repair Quote' screen. At the top, there's a breadcrumb trail: 'Repair Order Management > Repair Order > Manage Repair Quote'. Below this, the 'Manage Repair Quote' title is shown. The 'Repair Cost Details' section contains six summary boxes: 'Total Repair Cost' (0.00), 'Total Exchange Cost' (0.00), 'Total BER Cost' (0.00), 'Total Salvage Cost' (0.00), 'Total Cost' (0.00), and 'Base Currency Value' (0.00). The main section is 'Repair Quote Details' with tabs for 'Repair Quote Details' and 'Supplier, Part & Warranty Details'. A table is shown with the following columns: '#', 'Line / Part #', 'Contract #', 'Repair Process Codes', 'Line Status', 'Customer Scope', and 'Customer Scope Notes'. A red box highlights the last four columns. A yellow callout box with the text 'New columns added' points to these columns. The table currently shows one row with the message 'Found no rows to display!!!'.

Exhibit 2: New controls added in Manage Repair Quote screen

The screenshot displays the 'Manage Repair Quote' screen, focusing on the 'Supplier, Part & Warranty Details' tab. The 'Customer Information' section includes fields for 'Customer #', 'Customer Name', and 'Customer Order #', which are highlighted with a red box. A yellow callout box with the text 'New Controls added' points to these fields. Below this, the 'Part Details' section includes fields for 'Part #', 'Mfr. Part #', 'Serial #', 'Component #', 'Part Description', and 'Condition'. The 'Supplier Findings' section includes a dropdown for 'Confirm Discrepancies Reported' (set to 'Fully Confirmed'), a dropdown for 'Additional Discrepancies Detected' (set to 'No'), and a text field for 'Additional Problems'. The 'Warranty Details' section includes fields for 'Under Warranty?', 'Warranty Claim On', 'Warranty Notes', 'Reason', 'Ref. Document Type', 'Warranty Claim #', 'Claim Acceptance Status', 'Ref. Document #', 'Supplier Warranty Ref #', and 'Claim Accepted On'.

WHAT'S NEW IN FACILITY MANAGEMENT?

Ability to view the current location of a Facility Object

Reference: APRP-979

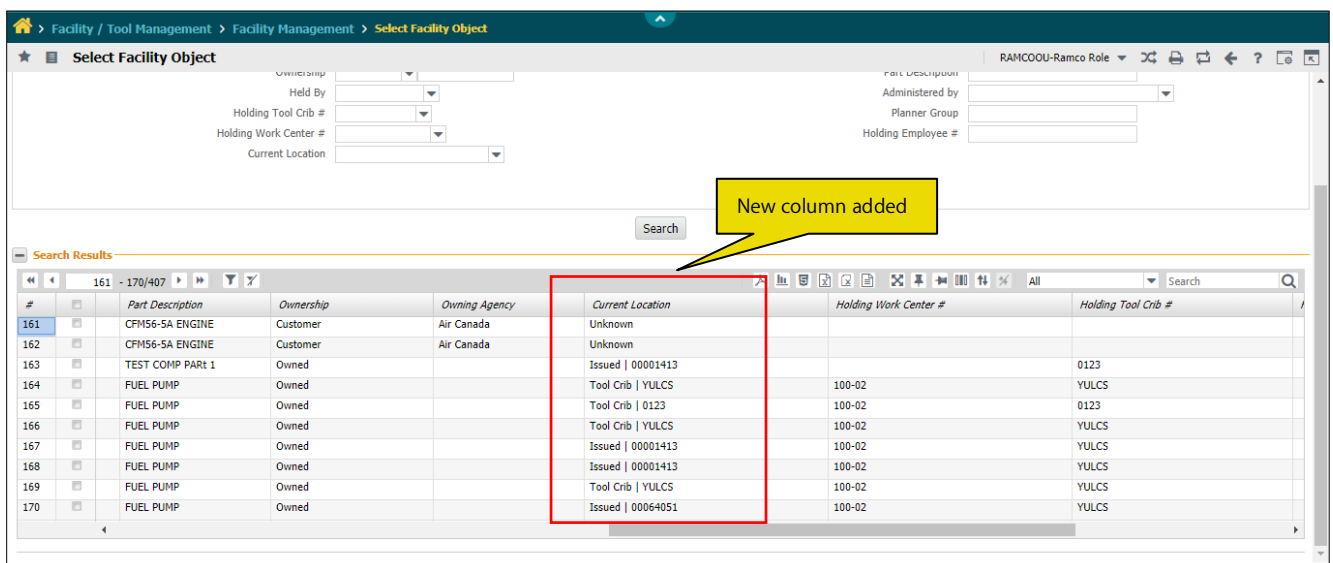
Background

Currently, even though a facility object is issued out, the 'Holding Tool Crib' still shows the Tool Crib # which results in confusion. Business need is to have a separate field to display the current location of the respective facility object in different screens.

Change Details

A New Column 'Current Location' is added under in the Search Results grid, in **Select Facility Object** screen (**Edit Facility Object** and **View Facility Object** entry screens) of the **Facility Management** business component.

Exhibit 1: Identifies the new column in **Select Facility Object** screen



The screenshot displays the 'Select Facility Object' screen. At the top, there are search filters for Ownership, Held By, Holding Tool Crib #, Holding Work Center #, Current Location, and RAMCOOU-Ramco Role. Below these is a 'Search' button. The main area is a 'Search Results' grid. A red box highlights the 'Current Location' column, and a yellow callout bubble points to it with the text 'New column added'. The grid shows the following data:

#	Part Description	Ownership	Owning Agency	Current Location	Holding Work Center #	Holding Tool Crib #
161	CFM56-5A ENGINE	Customer	Air Canada	Unknown		
162	CFM56-5A ENGINE	Customer	Air Canada	Unknown		
163	TEST COMP PART 1	Owned		Issued 00001413		0123
164	FUEL PUMP	Owned		Tool Crib YULCS	100-02	YULCS
165	FUEL PUMP	Owned		Tool Crib 0123	100-02	0123
166	FUEL PUMP	Owned		Tool Crib YULCS	100-02	YULCS
167	FUEL PUMP	Owned		Issued 00001413	100-02	YULCS
168	FUEL PUMP	Owned		Issued 00001413	100-02	YULCS
169	FUEL PUMP	Owned		Tool Crib YULCS	100-02	YULCS
170	FUEL PUMP	Owned		Issued 00064051	100-02	YULCS

A new Search Criteria combo 'Current Location' is added in **Select Facility Object** screen (**Edit Facility Object** and **View Facility Object** entry screens) of the **Facility Management** business component.

Exhibit 2: Identifies the new combo in Select Facility Object screen

Select Facility Object

Search Criteria

Primary Search Criteria

Facility Object #
 Facility #
 Ownership
 Held By
 Holding Tool Crib #
 Holding Work Center #
 Current Location

Additional Search Criteria

Facility Type
 Part #
 Part Description
 Administered by
 Planner Group
 Holding Employee #

Search Results

#	Facility Object #	Status	Facility Type	Facility #	Part #	Serial #
11	C10292	Active	EQUIPMENT		9324M40G01:58828	FAC-543E0
12	C10340	Active	EQUIPMENT		9324M40G01:58828	FAC-CA78E
13	C10384	Active	EQUIPMENT		9324M40G01:58828	FAC-3B442
14	C10444	Active	EQUIPMENT		9324M40G01:58828	FAC-CCEE9
15	C10489	Active	EQUIPMENT		9324M40G01:58828	FAC-A90BB
16	C10589	Active	EQUIPMENT		9324M40G01:58828	FAC-12E14

A new display only control 'Current Location' under 'Location Details' section of the **Edit Facility Object** and **View Facility Object Information** Screen under **Facility Management** business component.

Exhibit 3: Identifies the new display only field in Edit Facility Object screen under Facility Management component

Edit Facility Object Record

Ownership and Administration Details

Ownership Details

Ownership Owned
 Customer #
 Employee #
 Owning Agency Name

Administration Details

Held By Work Center
 Held by Employee #
 Planner Group
 Admin. Tool Crib #
 Admin. Tool Crib Description
 Holding Tool Crib # YULCS
 Holding Tool Crib Description Ban Main warehouse

Location Details

Location Info.
 Add. Identification Info.
 Current Location Issued | 00001413
 Service Area All Work Centers
 Rate / Hr 100.00000
 CAD

Exhibit 4: Identifies the new display only field in **View Facility Object Information** screen under **Facility Management** component

The screenshot shows the 'View Facility Object Information' screen with the following details:

- Ownership Details:**
 - Ownership: Owned
 - Cost Center
 - Owning Agency Name
- Administration Details:**
 - Held By: Work Center
 - Administered by: Execution Work Center
 - Held by Employee #
 - Employee Name
 - Planner Group
 - Holding Work Center #
 - Admn. Tool Crib #
 - 100-02
 - Admn. Tool Crib Description
 - Holding Tool Crib #
 - YULCS
 - Holding Tool Crib Description
 - Ban Main warehouse
- Location Details:**
 - Location Info.
 - Current Location: Issued | 00001413 (highlighted with a red box and a yellow callout: "New display only field added")
 - Service Area: All Work Centers
 - Other Details
 - Rate / Hr: 1,000.00000000

Based on the FOB# location the following will be shown:

- If the FOB# is issued to an employee: Issued | <Employee Name>
- If the FOB# is in stock: Tool Crib | <Tool crib#>
- If it is not in stock, neither issued out: Unknown or Held by: <Employee/Workcenter>
- If the FOB# is sent for External Repair: Repair | <Repair Order#>
- If the FOB# is sent for internal work order: Work Order | <SWO#>

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