

**RAMCO AVIATION SOLUTION
VERSION 5.9**

USER GUIDE

DEMAND

MANAGEMENT HUB

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ABOUT THIS MANUAL

This manual briefly describes the basic processes and functions in Ramco Aviation Solution.

WHO SHOULD READ THIS MANUAL

This manual is intended for users who are managing the Aviation industry processes and are new to Ramco Aviation Solution. This manual assumes that the user is familiar with the Aviation Industry nomenclatures and systems based software.

HOW TO USE THIS MANUAL

Ramco Aviation Solution provides extensive Online Help that contains detailed instructions on how to use the application. Users are suggested to use this manual for specific references, along with the Online Help. This manual contains enough information to help the users perform the basic tasks and points toward the Online Help for more detailed information.

HOW THIS MANUAL IS ORGANIZED


The User Guide is divided into 4 chapters and index. Given below is a brief run-through of what each chapter consists of.

Chapter 1 provides an overview of the entire **Demand Management** business component. The sub processes are explained in the remaining chapters.

Chapter 2 focuses on the **Demand Management Hub** sub process.

The **Index** offers a quick reference to selected words used in the manual.

DOCUMENT CONVENTIONS

- The data entry has been explained taking into account the “Create” business activity. Specific references (if any) to any other business activity such as “Modify” and “View” are given as “Note” at the appropriate places.
- **Boldface** is used to denote commands and user interface labels.
Example: Enter **Company Code** and click the **Get Details** pushbutton.
- *Italics* used for references.
Example: *See Figure 1.1.*
- The  icon is used for Notes, to convey additional information.

REFERENCE DOCUMENTATION

This User Guide is part of the documentation set that comes with Ramco Aviation Solution.

The documentation is generally provided in two forms:

- The Documentation CD in Adobe® Systems’ Portable Document Format (PDF).
- Context-sensitive Online Help information accessible from the application screens.

WHOM TO CONTACT FOR QUERIES

Please locate the nearest office for your geographical area from www.ramco.com for assistance.

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1 INTRODUCTION

Currently Material Planning for open demands is managed in the Plan Materials screen. But when there are multiple planners, Material Requests are distributed based on certain attributes like Maintenance Type (Hangar/Line). Every Planner is required to select the search criteria matching the scope of work. A provision to define the User Preference to identify the scope of Materials Requests is therefore needed.

Also Material Planner is responsible for tracking a Material Request till closure, in some organizations. The current Plan Materials screen provides visibility only till a Material Request is planned.

2 DEMAND MANAGEMENT HUB

The **Demand Management Hub** sub process provides a dashboard to manage the Material Request through-out its life cycle. The hub supports the following features:

- Provision to define standard User Preferences, to scope Material Requests for a Planner.
- Provision to quickly get to the Material Requests that needs attention.
- Provision to simulate allocation of Stock from Warehouses for a Material Request through open Sourcing documents
- Provision to cover a Material Request by viewing Planning Options including Stock Availability and Open Repair Orders availability
- Provision to Initiate multiple actions (PR/STO/Issue/RO Coverage) in one go for covering a Material Request
- Provision to track Material Request in different stages of its life cycle, including visibility of the documents used to cover MR.
- View and follow-up on the Order Documents (Through Collaborator) covering the Material Requests.

2.1 DEFINING GLOBAL SET OPTIONS FOR DEMAND MANAGEMENT HUB

You can define global set options to manage default/display of Material Requests in Demand Management Hub. These options can be defined at an organization level in the **Set Inventory Process Parameters** activity. Based on the options defined in this activity, user can choose to default List Based/Exception Based display of MRs in the Demand Management Hub. User can also decide to display MRs based on their status (To be Assigned, To be Planned, Planned MR, etc.) and Alerts/Exceptions.

1. Select the **Set Inventory Process Parameters** activity under the **Logistics Common Master** business component. The **Set Inventory Process Parameters** screen appears. See Figure 2.1.

Figure 2.1 shows the **Set Inventory Process Parameters** screen. The **Category** is set to **Demand Management Hub**. The search results table displays the following parameters and permitted values:

#	Category	Parameter	Permitted Value	Value	Status
1	Demand Management Hub	Category to be defaulted	Enter '1' for 'Status List', '2' for 'Alerts and Exceptions', '3' for 'Search'	2	Defined
2	Demand Management Hub	Sub-Categories to be displayed in Alerts and Exceptions	Enter '1' for 'AOG Requests', '2' for 'Alert Requests', '3' for 'Overdue Requests'	1,2,3	Defined
3	Demand Management Hub	Sub-Categories to be displayed in Status List	Enter '1' for 'To be Assigned', '2' for 'To be Planned', '3' for 'Open MR', '4' for 'Purchase Request', '5' for 'Under Order', '6' for 'Under Receiving', '7' for 'Under Issue', '8' for 'Under Shipment'	1,2,3,4,5,6,7,8	Defined

Figure 2.1 Set Inventory Process Parameters

2. Select the **Category** as 'Demand Management Hub'.
3. The system displays the **Category**, **Parameter** and **Permitted Values** in the multiline, as shown in the below table.


Parameter	Permitted Values
Category to be defaulted	Enter '1' for 'Status List', '2' for 'Alerts and Exceptions' and '3' for 'Search'
Sub-Categories to be displays in Alerts and Exceptions	Enter '1' for 'AOG Requests', '2' for 'Alert Requests', '3' for 'Overdue Requests'
Sub-Categories to be displayed in Status List	Enter '1' for 'To be Assigned', '2' for 'To be Planned', '3' for 'Planned MR', '4' for 'Purchase Request', '5' for 'Under Order', '6' for 'Under Receiving', '7' for 'Under Issue', '8' for 'Under Shipment'

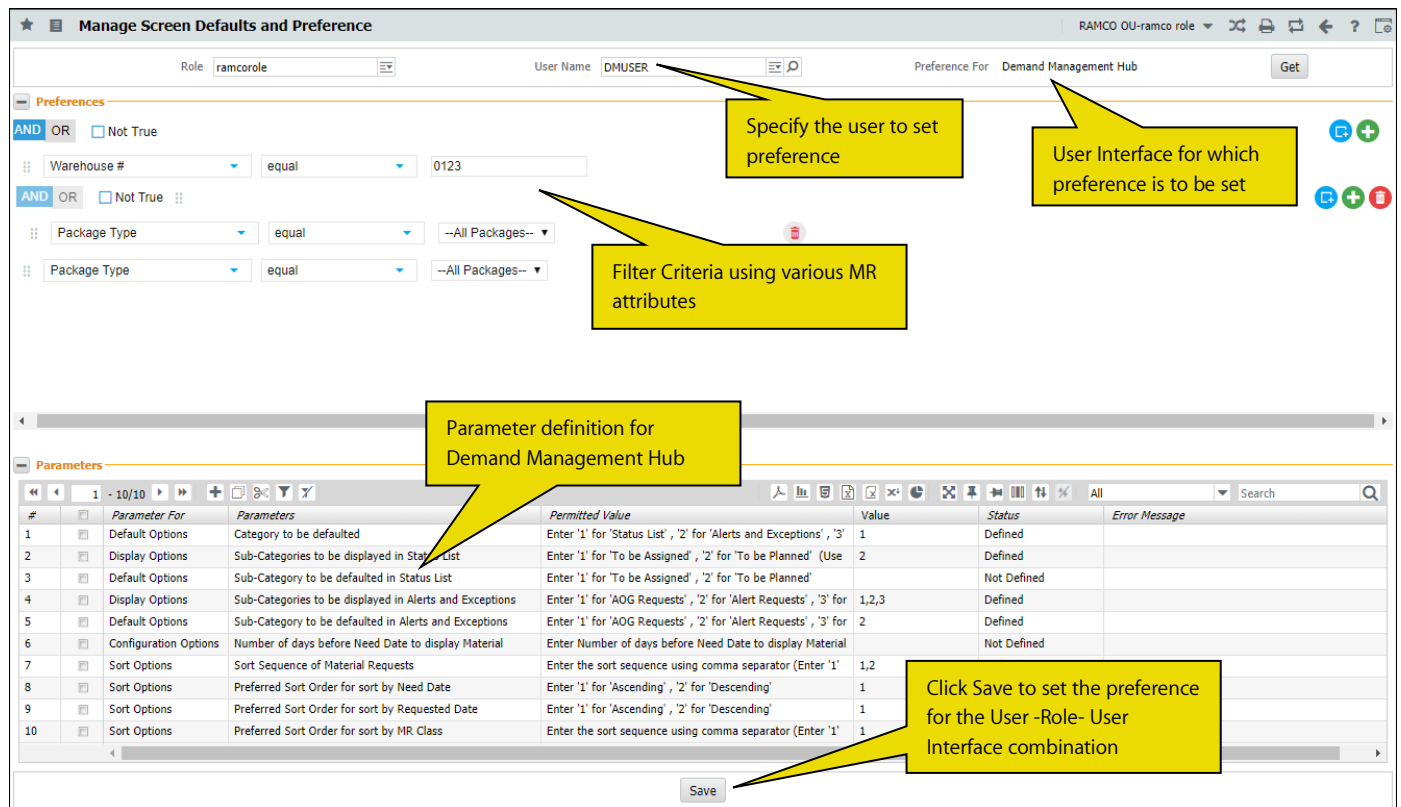
4. Enter a desired **Value** for the parameter, to display desired combination of MRs in the Demand Management Hub.
5. Click the **Set Parameters** pushbutton to save the parameter definition.

*Note: The system displays the **Status** and **Error Message** (when the **Value** entered does not satisfy the **Permitted Value**) in the multiline.*

2.2 MANAGING SCREEN DEFAULTS & USER PREFERENCES

This activity allows the user to define preferences/filter criteria based on set of configurable parameters to manage data retrieval in **Demand Management Hub**. User can set the Preference for a given Role-User-User Interface combination. Only the options defined for the Demand Management Hub in the **Set Inventory Process Parameters screen**, can be defined here.

6. Select the icon '  ' in the **Demand Management Hub** screen. The **Manage Screen Defaults & Preferences** page appears. See Figure 2.2.



Manage Screen Defaults and Preference

Role: ramcorole User Name: DMUSER Preference For: Demand Management Hub

Preferences

AND OR Not True

Warehouse # equal 0123

Package Type equal --All Packages--

Package Type equal --All Packages--

Parameters

#	Parameter For	Parameters	Permitted Value	Value	Status	Error Message
1	Default Options	Category to be defaulted	Enter '1' for 'Status List', '2' for 'Alerts and Exceptions', '3' for 'To be Assigned', '2' for 'To be Planned' (Use	1	Defined	
2	Display Options	Sub-Categories to be displayed in Status List	Enter '1' for 'To be Assigned', '2' for 'To be Planned'	2	Defined	
3	Default Options	Sub-Category to be defaulted in Status List	Enter '1' for 'To be Assigned', '2' for 'To be Planned'		Not Defined	
4	Display Options	Sub-Categories to be displayed in Alerts and Exceptions	Enter '1' for 'AOG Requests', '2' for 'Alert Requests', '3' for	1,2,3	Defined	
5	Default Options	Sub-Category to be defaulted in Alerts and Exceptions	Enter '1' for 'AOG Requests', '2' for 'Alert Requests', '3' for	2	Defined	
6	Configuration Options	Number of days before Need Date to display Material	Enter Number of days before Need Date to display Material		Not Defined	
7	Sort Options	Sort Sequence of Material Requests	Enter the sort sequence using comma separator (Enter '1'	1,2		
8	Sort Options	Preferred Sort Order for sort by Need Date	Enter '1' for 'Ascending', '2' for 'Descending'	1		
9	Sort Options	Preferred Sort Order for sort by Requested Date	Enter '1' for 'Ascending', '2' for 'Descending'	1		
10	Sort Options	Preferred Sort Order for sort by MR Class	Enter the sort sequence using comma separator (Enter '1'	1		

Save

Figure 2.2 Managing screen defaults & preferences

7. Specify the **Role** and **User Name** to set the preference for a given Role-User-User Interface combination.
8. In **Preferences** section, user can define filter criteria with various attributes using 'AND' and 'OR' operators, to retrieve the Materials Requests satisfying the filter criteria, for a User-Role combination. (For example, the following parameters are applicable for Demand Management Hub: Package Type, Shop Work Order Type, Warehouse #, Work Center #, Processing Status, Ref. Document Type, Customer #, Customer Name, Part #, Part Description, Part Type, Part Category, Part Planning Group, A/C Reg. #, A/C Model #, MR Class, MR Type, MR Category, MR User Status, Priority, Customer Group, Customer Contract #, Service Sale Type and Part Sale Type).
9. The system displays the list of **Parameters** and corresponding **Permitted Values** in the **Parameters** multiline
10. Specify a desired **Value** corresponding to the parameter to define Default Options, Display Options, Configurable Options, Alert Options and Sorting Options for the Demand Management Hub.
11. Based on the option setting, tiles will be displayed and defaulted at user level in the Demand Management Hub.
12. Click **Save** pushbutton to set the user level preferences for the Demand Management Hub.

Parameter & Permitted Values:

Parameter For	Parameters	Permitted Values
Default Options	Category to be defaulted	Enter '1' for 'Status List', '2' for 'Alerts and Exceptions' and '3' for 'Search'
Display Options	Sub-Categories to be displayed in Status List	Enter '1' for 'To be Assigned', '2' for 'To be Planned', '3' for 'Planned MR', '4' for 'In Purchase Request', '5' for 'Under Order', '6' for 'Under Receiving', '7' for 'Under Issue', '8' for 'Under Shipment' (Use Comma Separator for multiple values)
Default Options	Sub-Categories to be defaulted in Status List	Enter '1' for 'To be Assigned', '2' for 'To be Planned', '3' for 'Planned MR', '4' for 'In Purchase Request', '5' for 'Under Order', '6' for 'Under Receiving', '7' for 'Under Issue', '8' for 'Under Shipment'
Display Options	Sub-Categories to be displayed in Alerts and Exceptions	Enter '1' for 'AOG Requests', '2' for 'Alert Requests', '3' for 'Overdue Requests', (Use Comma Separator for multiple values)
Default Options	Sub-Categories to be defaulted in Alerts and Exceptions	Enter '1' for 'AOG Requests', '2' for 'Alert Requests', '3' for 'Overdue Requests'
Configuration Options	Number of days before Need Date to display Material Request in Alert Requests	Number of days before Need Date to display Material Request in Alert Requests
Sort Options	Sort Sequence of Material Requests	Enter the sort sequence using comma separator (Enter '1' for 'Need Date', '2' for 'Requested Date', '3' for 'MR Class')
Sort Options	Preferred Sort Order for sort by Need Date	Enter '1' for 'Ascending', '2' for 'Descending'
Sort Options	Preferred Sort Order for sort by Requested Date	Enter '1' for 'Ascending', '2' for 'Descending'
Sort Options	Preferred Sort Order for sort by MR Class	Enter the sort sequence using comma separator (Enter '1' for 'Maintenance', '2' for 'General', '3' for 'Maintenance')

2.3 WORKING WITH DEMAND MANAGEMENT HUB

The **Demand Management Hub** provides a dashboard to retrieve Material Requests that are yet to be assigned, yet to be planned, open MRs, AOG Request, Alert Request, Overdue Request, etc. managed through different tiles. The Hub enables the user to accomplish the following:

- ▶ Plan the Material Requests that are open due to non-availability of Stock.
 - ▶ Simulate Material Request Allocation through open Sourcing Documents.
 - ▶ View and Follow-Up on the Order documents (through Collaborator) covering the Material Requests.
1. Select the **Demand Management Hub** under the **Demand Management** business component in **Stock Management** business process. The **Demand Management Hub** page appears. See Figure 2.5.

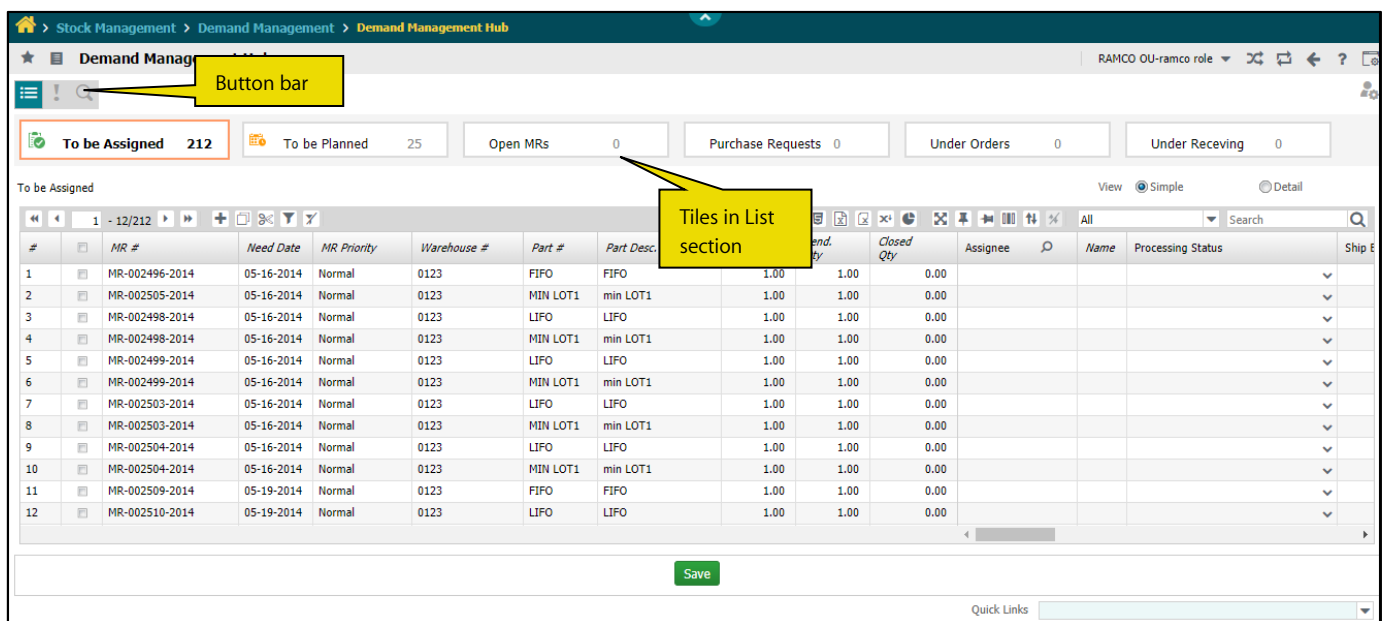


Figure 2.5 Working with Demand Management Hub

The Button bar in the **Demand Management Hub** provides the following sections: **List**, **Exception**. The display and default of these sections in the hub are controlled based on the preferences defined in the **Manage Defaults & preferences** screen.

2.3.1 LIST TILES

The **List** button tab provides the following tiles to list the MRs based on their status. See Figure 2.5.

- a. **'To Be Assigned'** tile displays the list of Material Requests which are unassigned to employee.
- b. **'To be Planned'** tile displays the list of Material requests assigned to the current login user.
- c. **'Planned MR'** tile displays the list of Material requests for which the documents are generated e.g. purchase request, purchase order, stock transfer order, stock transfer issue, goods receipt etc.
- d. **'In Purchase Request'** tile displays the list of Material Requests for which Purchase Request has been generated.
- e. **'Under Orders'** tile displays the list of Material Requests for which the purchase order/repair order has been generated/updated.
- f. **'Under Receiving'** tile displays the list of Material Requests for which receipt has been created.
- g. **'Under Issue'** tile displays the list of the Material Requests for which issue document has been created.

- h. **'Under Shipment'** tile displays the list of the Material Requests for which shipping note document has been created.

2.3.2 EXCEPTION TILES

The **Exception** button tab provides the following tiles to list the MRs based on exceptions/alerts. See Figure 2.6.

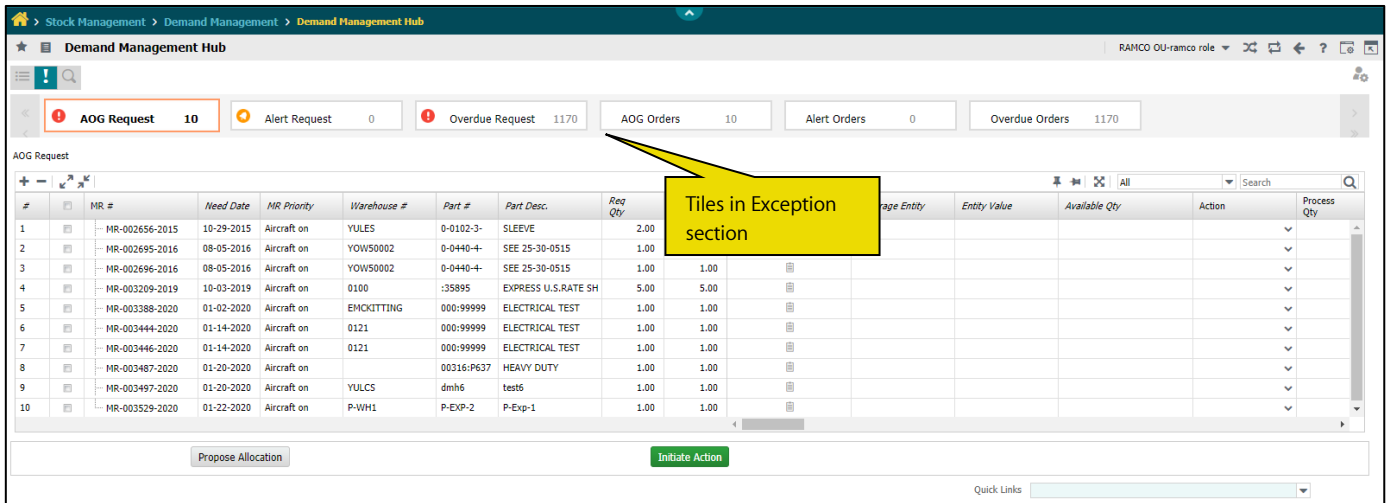


Figure 2.6 Exception tiles in Demand Management Hub

- 'AOG Request'** tile lists the MR #s which have the Priority as "AOG".
- 'Alert Request'** tile displays the MR #s based on the parameter set in the User Preference for Alert Request.
- 'Overdue Request'** tile displays the MR #s which have need date equal to and less than current date.
- 'AOG Orders'** tile lists the MR #s which have the Priority as "AOG".
- 'Alert Orders'** tile displays the list of Material Requests based on the parameter set in the User Preference for Alert Order.
- 'Overdue Orders'** tile displays the Order which have Need Date equal to and less than current date.

2.3.3 SEARCH SECTION

The **Search** section enables the user to search for the material requests using user controllable search criteria. See Figure 2.7.

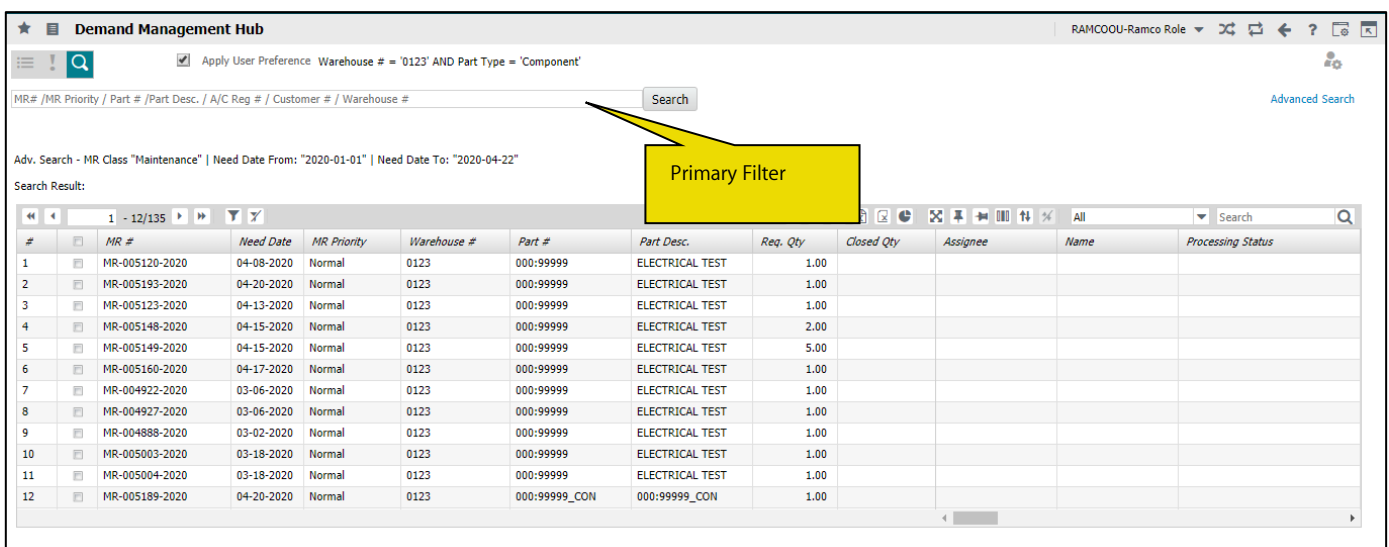


Figure 2.7 Search section in Demand Management Hub

- g. Select the **Apply User Preference checkbox** to include the user preference with the search criteria for both the primary filter and advanced search.
- h. Enter the value in the primary filter which could be “Material Request #”, “Material Request priority”, “Part #”, “Part Description”, “Aircraft Registration #”, “Customer #” or “Warehouse #”.
- i. Click the **Search** pushbutton to retrieve the Material Requests based on the values provided in the primary filter.
- j. Select the **Advanced Search** link. The **Advanced Search** pop-up appears. The **Advanced Search** pop-up enables the user to search for the Material Requests using user controllable search criteria. *See Figure 2.8.*

The screenshot displays the 'Demand Management Hub' interface with an 'Advanced Search' pop-up window. The pop-up is titled 'Advanced Search' and contains a grid of search criteria. The criteria are organized into two columns. The left column includes fields for MR #, MR Type (Planned), Part #, Warehouse # (IBT), Assignee, Preferred Supplier #, Stock Status (Owned), Part Category, Main Core Part #, Customer #, MR Stage (Planned MR), Ref Doc. Type (A/C Maint. Exe. Ref #), Request For (Internal), and Additional Search on (Package type). The right column includes fields for MR Priority (Aircraft on ground), MR Class (Maintenance), Part Desc., Work Center #, Name, Requested By, Ship By, Special Instructions, Part Type, Main Core Serial #, Customer Name, Processing Status (SENT TO FABRICATING SHOP), Ref. Doc. #, Need Date: From / To (03-22-2020 / 04-22-2020), and Sub. Additional Search (Line Package). A 'Search' button is located at the bottom center of the pop-up. The background shows the main interface with a search bar and a table of search results.

Figure 2.8 Advanced pop-up in Search section

2.4 MR ASSIGNMENT IN DEMAND MANAGEMENT HUB

The **'To be Assigned'** tile in the List Button section **Demand Management Hub** displays the list of unassigned Material Requests and enables the MR Planners to assign these open MRs to an employee.

1. Select the **Demand Management Hub** under the **Demand Management** business component in **Stock Management** business process. The **Demand Management Hub** page appears. See Figure 2.9.

The screenshot shows the 'Demand Management Hub' interface. At the top, there are several status tiles: 'To be Assigned' (212), 'To be Planned' (25), 'Open MRs' (0), 'Purchase Requests' (0), 'Under Orders' (0), and 'Under Receiving' (0). Below these is a table titled 'To be Assigned' with columns: #, 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. Callouts indicate the following steps: 1. Click 'To be Assigned' tab (pointing to the tile). 2. Specify the employee to whom MR is to be assigned (pointing to the 'Assignee' column). 3. Click Save to save assignment details (pointing to the 'Save' button at the bottom right).

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

Figure 2.9 Assignment of MRs in Demand Management Hub

2. In the **To Be Assigned** tile, enter the employee to whom the MR is to be assigned in the 'Assignee' field in the multiline.
3. The other MR details will be retrieved in the multiline based on the user preference definition in the **Manage Screens & Defaults** screen.
4. Click **Save** pushbutton to save the employee assignment details.
5. On save, the MR assigned to the employee will be moved to the **To be Planned** tile, for planning.

2.5 MR PLANNING IN DEMAND MANAGEMENT HUB

The 'To be Planned' tile in the **Demand Management Hub** displays the list of Material requests assigned to the current login user. User can plan the Material Requests that are open due to non-availability of Stock. The employee assigned for the material request can plan various actions at a time (E.g. Purchase Request, Issue, Stock Transfer, Repair Order coverage, etc.). Simulation of Material Request Allocation through open Sourcing Documents is also supported.

1. Select the **Demand Management Hub** under the **Demand Management** business component in **Stock Management** business process. The **Demand Management Hub** page appears.
2. In the 'To be Planned' tile, MR details will be retrieved in the multiline based on the user preference definition in the **Manage Screens & Defaults** screen.
3. The entire MR planning cycle can be defined through the following stages:

2.5.1 VISIBILITY OF PLANNING OPTIONS

The Hub provides two possible ways in which the planner can plan the Material Requests that are open:

A. Propose Allocation

1. In the 'To be Planned' tile, select the Material Request in the multiline and select the **Propose Allocation** pushbutton below the multiline.
2. For the selected MR, the system displays the suggestion of stock available in the Same Warehouse and Alternate Warehouse (Matrix Warehouse) based on allocation rules defined in the **Manage Stock Allocation Rules** activity. See Figure 2.10.

The screenshot shows the 'Demand Management Hub' interface. At the top, there are tabs for 'To be Assigned' (28) and 'To be Planned' (9). A callout '1' points to the 'To be Planned' tab. Below the tabs, a table lists material requests with columns: #, MR #, Need Date, MR Priority, Warehouse #, Part #, Part Desc., Req Qty, Pend. Qty, Closed Qty, Coverage Entity, Entity Value, Available Qty, Action, and Process Qty. A callout '2' points to a selected row (MR20000002). A callout '3' points to the 'Propose Allocation' button at the bottom left. A callout '4' points to the 'Propose Allocation' button. A callout '5' points to the 'Action' column, specifically the 'Create Stock Transfer' option. A callout '6' points to the 'Initiate Action' button at the bottom right.

#	MR #	Need Date	MR Priority	Warehouse #	Part #	Part Desc.	Req Qty	Pend. Qty	Closed Qty	Coverage Entity	Entity Value	Available Qty	Action	Process Qty
1	MR20000001	2020-01-24	Normal	INT	25012020-1	Pintle Injector	10.00	1.00	9.00					
2	MR20000002	2020-01-24	Normal	INT	25012020-1	Pintle Injector	10.00	10.00	0.00					
3	MR20000002	2020-01-24	Normal	INT	25012020-1	Pintle Injector	10.00			Alt WH	ITM	10.00	Create Stock Tra...	
4	MR20000003	2020-01-24	Normal	INT	25012020-1	Pintle Injector	20.00	9.00	11.00					
5	MR20000005	2020-01-25	Normal	INT	25012020-1	Pintle Injector	22.00	22.00	0.00					
6	MR20000006	2020-01-25	Normal	INT	25012020-4	Cross-impinging triplet	25.00	14.00						
7	MR20000014	2020-01-25	Normal	INT	25012020-4	Cross-impinging triplet	6.00	1.00						
8	MR20000016	2020-01-25	Normal	INT	25012020-4	Cross-impinging triplet	2.00	2.00						
9	MR20000021	2020-01-25	AOG	CX	25012020-4	Cross-impinging triplet	1.00	1.00	0.00					
10	MR20000021	2020-01-27	Normal	INT	25012020-4	Cross-impinging triplet	6.00	5.00	1.00					

Figure 2.10 MR planning (using Propose Allocation) in Demand Management Hub

B. Planning Options

3. Click the hyperlinked icon in the 'Planning Option' field against the selected Material Request in the multiline of the 'To be Planned' tile.
4. The system displays the **Help on MR Planning Options** screen which lists all the stock available in the Same Warehouse, Alternate Warehouse (Matrix Warehouse) and all warehouses defined at organizational level. The Stock available in Open Repair Order will also be listed here. See Figure 2.11.

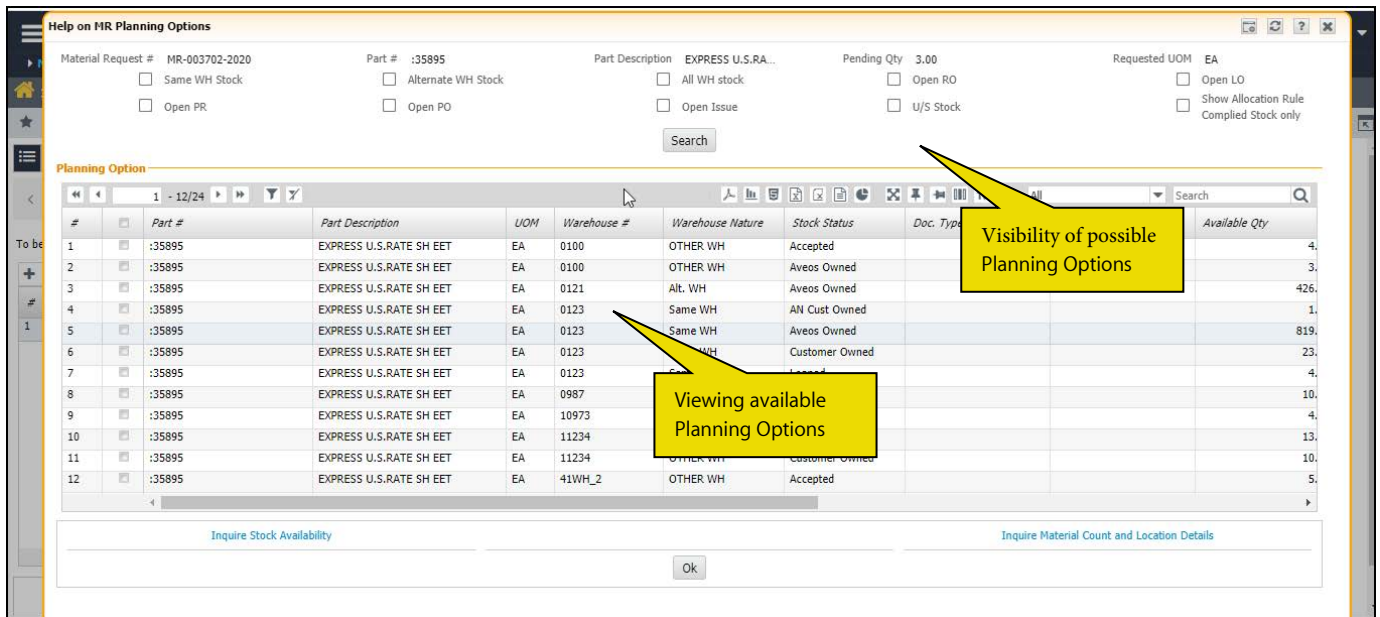


Figure 2.11 Display of MR planning options

2.5.2 INITIATING ACTION

1. MR planner can select the suggested stock availability either from Proposed Allocation or though Planning Options, as mentioned above.
2. Select the 'Action' as "Create Purchase Request", "Create Stock Transfer", "Create Issue", "Update MR-RO coverage".

Note: When 'Adjust PR-Scrap Quantity' check-box is selected, with action as 'Create Purchase Request', the Purchase Request-Scrap Note Coverage details will be updated to the extent of the Scrap Qty Pending Replenishment.

3. Click **Initiate Action** pushbutton to initiate action on the MRs based on selected stock availability.

2.5.3 ACTUAL ACTION

1. Once the action is initiated for the Material Request by the Planner, the system generates the following documents: Issue, Purchase Request, Purchase Order, Stock transfer Order, etc.
2. After successful creation of the documents, the Material Requests will be transferred from the 'To be Planned' tile to the 'Planner MR' tile.
3. The user who initiated the action for the Material Request will receive a Collaborator Message indicating the generation of the document, if the option 'Post a Collaborator Message on Successful generation of the Document to the User' is set as "Required" in the **Set Inventory Process Parameters** activity of the **Logistics Common Master** business component.
4. The documents generated can be tracked in the hub until the Material Request is closed.

2.6 TRACKING MR COVERAGE

The documents pertaining to MR coverage can be tracked at various stages in the Demand Management Hub. These documents are grouped under different tiles that are displayed after the 'To be Planned' tile. See Figure 2.12.

The screenshot shows the 'Demand Management Hub' interface. At the top, there are navigation tabs: 'To be Assigned' (1128), 'To be Planned' (43), 'Planned MR' (43), 'In Purchase Request' (42), 'Under Orders' (0), 'Under Receiving' (0), and 'Under Issues' (42). A yellow callout box labeled 'Tracking MR Coverage' points to the 'Planned MR' tile. Below the tiles is a table with the following columns: #, MR #, Need Date, MR Priority, Warehouse #, Part #, Part Desc., Req. Qty, Pend. Qty, Assignee, Name, Product, Ship By, Shipping Instructions, and Close Qty. The table contains 12 rows of data for various material requests.

#	MR #	Need Date	MR Priority	Warehouse #	Part #	Part Desc.	Req. Qty	Pend. Qty	Assignee	Name	Product	Ship By	Shipping Instructions	Close Qty
1	SMR-000029-2011	11-19-2011	Normal	YULFS101	0-0101-3-	BOLT	1.00	1.00						
2	SMR-000029-2011	11-19-2011	Normal	YULFS101	0-0101-3-	BOLT	1.00	1.00						
3	SMR-000030-2011	11-19-2011	Normal	YULFS101	0-0101-3-	WASHER	1.00	1.00						
4	SMR-000030-2011	11-19-2011	Normal	YULFS101	0-0101-3-	WASHER	1.00	1.00						
5	SMR-000037-2011	11-21-2011	Normal	YULFS101	001LG01060	A320 LGCIU CPU	1.00	1.00						
6	SMR-000037-2011	11-21-2011	Normal	YULFS101	001LG01060	A320 LGCIU CPU	1.00	1.00						
7	SMR-000037-2011	11-21-2011	Normal	YULFS101	001LG01060	A320 LGCIU CPU	1.00	1.00						
8	SMR-000037-2011	11-21-2011	Normal	YULFS101	2826411608	OPTOCOUPLER IC	2.00	2.00						
9	SMR-000037-2011	11-21-2011	Normal	YULFS101	2826411608	OPTOCOUPLER IC	2.00	2.00						
10	SMR-000037-2011	11-21-2011	Normal	YULFS101	2826411608	OPTOCOUPLER IC	2.00	2.00						
11	SMR-000037-2011	11-21-2011	Normal	YULFS101	2826411608	OPTOCOUPLER IC	2.00	2.00						
12	SMR-000037-2011	11-21-2011	Normal	YULFS101	2311733300	FILTER	2.00	2.00						

Figure 2.12 Tracking MR Coverage

- 'Planned MR' tile displays the list of Material requests for which the documents are generated e.g. purchase request, purchase order, stock transfer order, stock transfer issue, goods receipt etc.
- 'In Purchase Request' tile displays the list of Material Requests for which Purchase Request has been generated.
- 'Under Orders' tile displays the list of Material Requests for which the purchase order/repair order has been generated/updated.
- 'Under Receiving' tile displays the list of Material Requests for which receipt has been created.
- 'Under Issue' tile displays the list of the Material Requests for which issue document has been created.
- 'Under Shipment' tile displays the list of the Material Requests for which shipping note document has been created.

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