



Ramco Aviation Solution

Version 5.7.2

Enhancement Notification

Maintenance

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WHAT'S NEW IN COMPONENT RECORD?

Changes in Edit / View Component Record

Reference: AHBf-2702

Background

The current enhancement in **Edit / View Component Record** screens facilitates the user to view the current Position Code and Level Code of the component.

Change Details

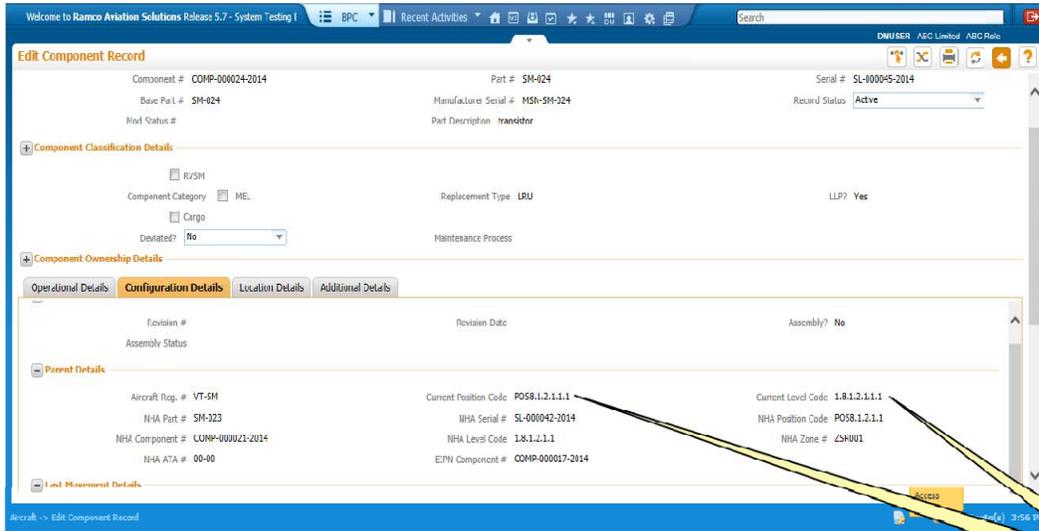
The following controls have been added (Refer Exhibit 1),

- Current Position Code
- Current Level Code
- EIPN Component # (Only in **View Component** screen. Already available in **Edit Component** screen)

The following controls have been renamed (Refer Exhibit 1),

- Position Code → NHA Position Code
- Level Code → NHA Level Code
- Parent Zone # → NHA Zone #
- Parent ATA # → NHA ATA #

Exhibit-1: Current Position Code and Current Level Code



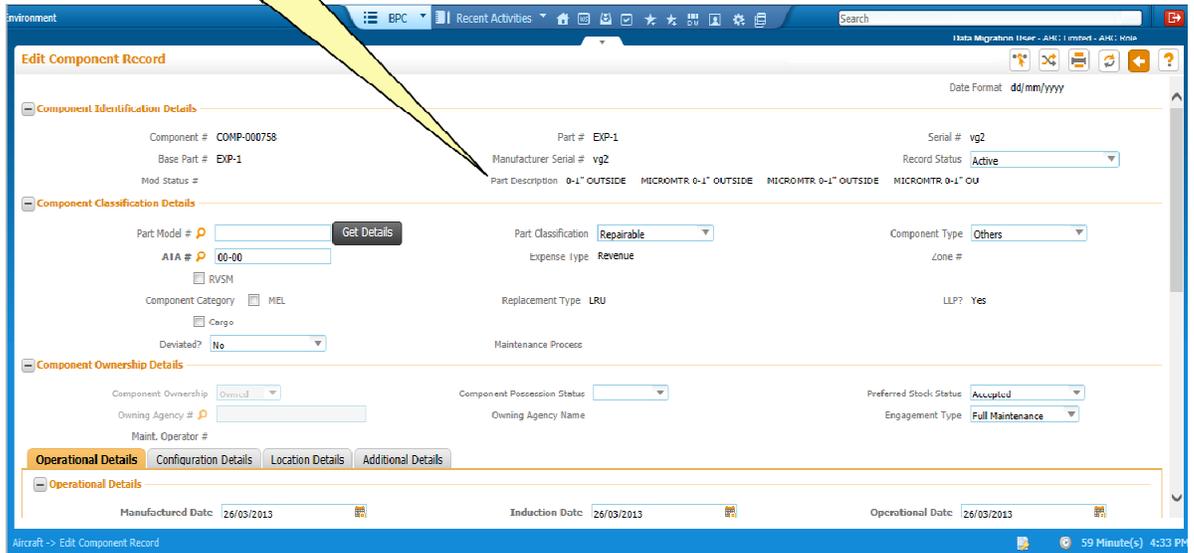
Two new controls 'Current Position Code' and 'Current Level Code' added to display position code and level code of current component #.

Additional Changes

This enhancement also improves the visibility of value displayed in the 'Part Description' control in **Edit / View Component Record** screens.

Exhibit-2: Part Description – visibility

Visibility of Part Description control increased



Ability to View Verified Receipt Records in Review Records Update Screen

Reference: AHBf-2406

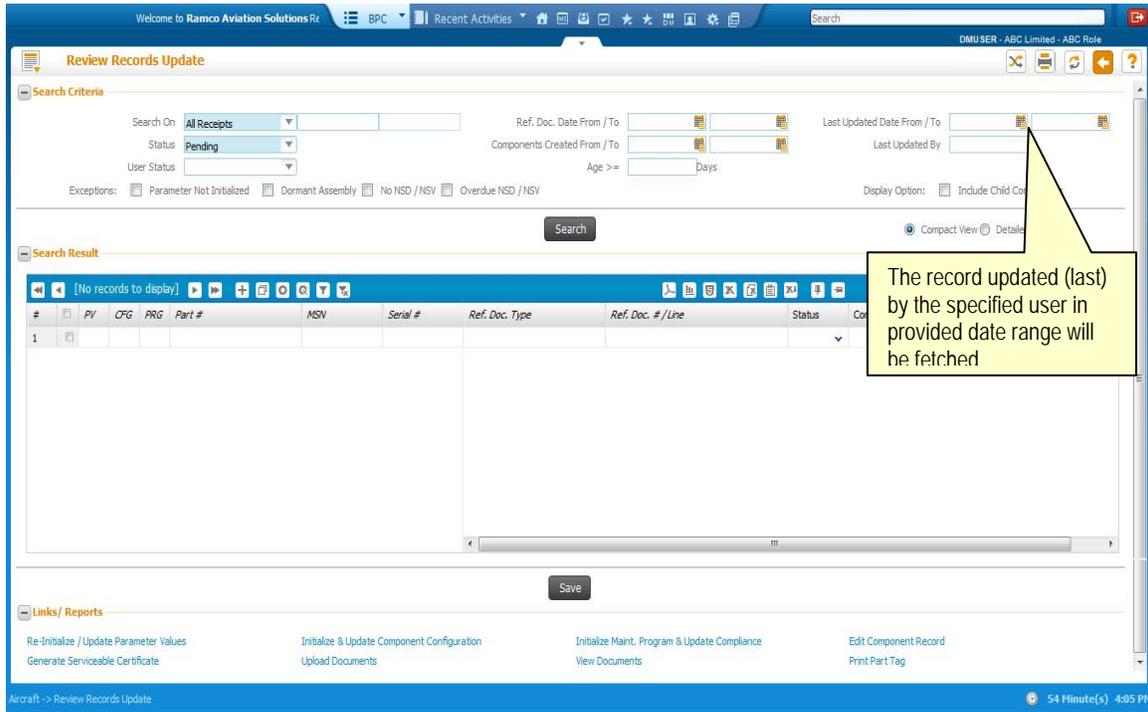
Background

Once the user reviews and verifies the receipt transactions that have components pending for verification, the records are removed from the Review Records Update queue. The current enhancement enables the user to fetch these verified records for their reference. The user will however not be able to modify the verified records.

Change Details

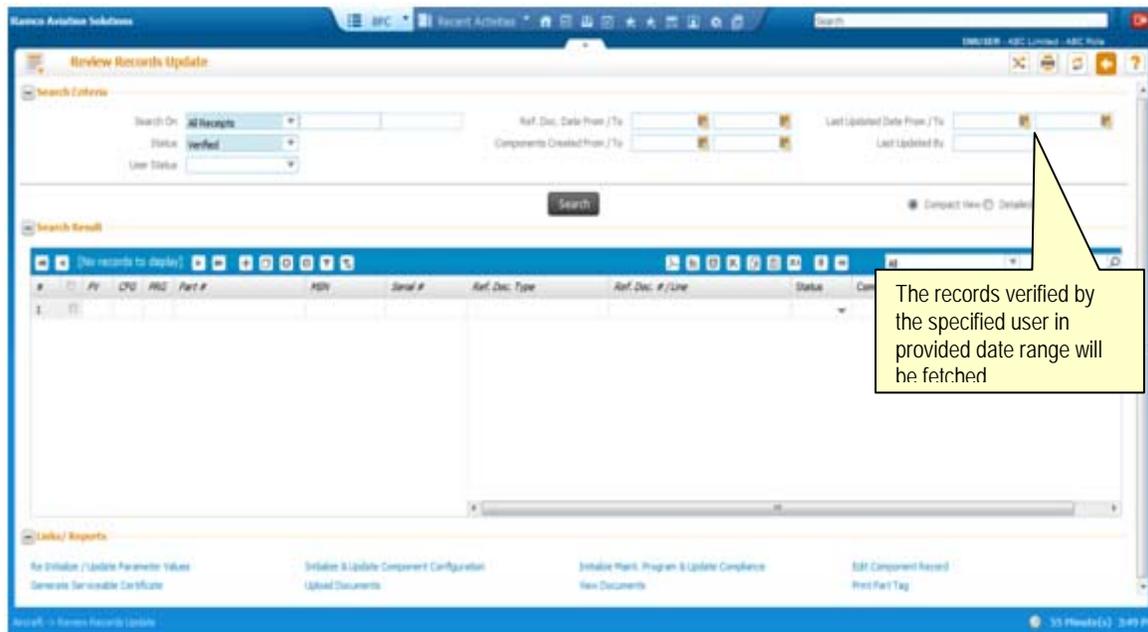
The Review Records Update screen has been made context oriented based on the value selected in the **Status** drop-down list. If the value in **Status** drop-down is selected as "Pending" or "On-Hold", the search criteria applicable for pending records will be visible (Refer Exhibit 1), and records pending verification will be fetched on search.

Exhibit 1:



If the value in **Status** drop-down list is selected as “Verified”, the search criteria applicable for verified records will be visible (Refer Exhibit 2) and verified records will be fetched on search.

Exhibit 2:



For the Goods Inward records, one of the following values will be fetched and displayed in the **Ref. Doc. Type** column in the multiline based on the record (Refer Exhibit 3).

- GI - Customer Goods Receipt
- GI - Repair Receipt
- GI – Regular Purchase

Exhibit 3:

Welcome to Ramco Aviation Solutions BPC Recent Activities Search DMUSER - ABC Limited - ABC Role

Review Records Update

Search Criteria

Search On: Ref. Doc. Date From / To: / Last Updated Date From / To: /
 Status: Components Created From / To: / Last Updated By:
 User Status: Age >= Days
 Exceptions: Parameter Not Initialized Dormant Assembly No NSD / NSV Overdue NSD / NSV Display Option: Include Child Components

Compact View Detailed View

Search Result

#	PV	CFG	PRG	Part #	MSN	Serial #	Ref. Doc. Type	Ref. Doc. # / Line	Status	Comments	User Status	Component #
31	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	PART-COMP SER	fdsf677	fdsf677	GI-Repair Receipt	GR-000026-2014/1	Pending			COMP-002814
32	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	PART-COMP SER CAP	f4r43r43r4r	f4r43r43r4r	GI-Customer Goods Receipt	CGR-000125-2013/2	Pending			COMP-002818
33	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	PART-COMP SER CAP	f4r43r43r4r	f4r43r43r4r	GI-Customer Goods Receipt	CGR-000125-2013/2	Pending			COMP-002818
34	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	PART-COMP SER CAP	4r43r43r	4r43r43r	GI-Customer Goods Receipt	CGR-000125-2013/2	Pending			COMP-002819
35	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	PART-COMP SER CAP	4r43r43r	4r43r43r	GI-Customer Goods Receipt	CGR-000125-2013/2	Pending			COMP-002819
36	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	PART-COMP SER	dsasds990t515t	dsasds990t515t	GI-Repair Receipt	GR-000027-2014/1	Pending			COMP-002733
37	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	KT-01	3e	3e	GI-Regular Purchase	GI0000632013/1	Pending			COMP-000011-20
38	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	KT-01	3f	3f	GI-Regular Purchase	GI0000632013/1	Pending			COMP-000012-20
39	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	KT-01	3z	3z	GI-Regular Purchase	GI0000632013/1	Pending			COMP-000013-20
40	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	PART-COMP SER	ds	ds	GI-Repair Receipt	GR-000028-2014/1	Pending			COMP-002700

Links / Reports

Aircraft -> Review Records Update 59 Minute(s) 5:32 PM

WHAT'S NEW IN MAINTENANCE TASK?

Ability to Print Specific File Attachment(s) when available & ignore Generic File Attachment(s)

Reference: AHBF-2466

Background

File attachments defined in the **Manage Task File Attachment** page against a Task with various parameters is used when doing Package Printing from various screens. This enhancement provides a way to override *generic* attachments (task-file mappings with no specific parameters) when *specific* attachments are printed.

Generic & Specific Attachments

While defining file attachments against a Task in **Manage Task File Attachment**, the user is provided with the option to define *specific* criteria such that only if they match against the current package (on which the Package Print is attempted), that file attachment is considered for printing.

If a file attachment in **Manage Task File Attachment** has any one (or multiple combinations) of the below criteria, then that file attachment is considered as a '**Specific Attachment**'.

1. From Aircraft MSN
2. To Aircraft MSN
3. Aircraft Ownership
4. Owing Agency
5. Maint. Operator #

Alternatively, a '**Generic Attachment**' is an attachment that does not have From/To Aircraft MSN, Aircraft Ownership, Owing Agency or Maint. Operator # defined in the Manage Task File Attachment screen.



Note: If a file attachment is made from the Create Task / Edit Task / Maintain Activated Task screens, since there exists no specific criteria for that record, this is considered as a Generic Attachment.

Change Details

The Existing Entity Type "**Task Numbering**" has been modified to "**Maintenance Task**" and a new process parameter "**Print List Selection for Task Card Files with Specific Attributes**" is added under the Entity '**Task**' of the above mentioned Entity Type and has the new configurable values:

"**0**" for '**Matched & Generic Files**'

“1” for ‘Matched Files Only’

 Note: Option “0” is the default unless the user modifies it.

If the above option is set as ‘Matched & Generic Files’, then whenever file attachments are matched in the current package, during Package Print, all these matched attachments are printed regardless if they are *Generic* or *Specific* attachments.

If the above option is set as ‘Matched Files Only’, then whenever file attachments are matched in the current package, during Package Print, only *Specific* attachments are printed. *Generic* attachments are not printed.

But in the same scenario, let us assume that the *Specific* attachments are present for a Task but they are not matched in the current package. In this case, even if the above option is set as ‘Matched Files Only’, *Generic* attachments will be printed.

Example, consider the following data:

Seq #	Task # 	Revision #	Aircraft Model # 	From Aircraft	To Aircraft MSN	Aircraft Ownership	Owning Agency # 	Maint. Operator #	File Reference #	Folder	File Name 
1	ATASK-1	0	A320			▼		▼	1	mtfa	001.pdf
2	ATASK-1	0	A320			▼		▼	2	mtfa	002.pdf
3	ATASK-1	0	A320	1000	2000	▼		▼	3	mtfa	003.pdf
4	ATASK-1	0	A320			Customer ▼	100001	▼	4	mtfa	004.pdf
5	ATASK-1	0	A320			Owned ▼		STARK ▼	5	mtfa	005.pdf

- 001.pdf and 002.pdf are the Generic attachments.
- 003.pdf, 004.pdf and 005.pdf are all Specific attachments.

When the set option is set as ‘Matched & Generic Files’, all files will be considered for printing regardless if it is a *generic* or *specific* attachment.

When the set option is set as ‘Matched Files Only’, and Package Print is done for a package of an Aircraft whose MSN is 1500 & Maint. Operator “STARK”, then the files **003.pdf & 005.pdf** are printed.

001.pdf & 002.pdf are not printed though they are matched. Being generic attachments, they are overridden when the specific attachments **003.pdf** and **005.pdf** are printed.

Consider another example, where the Package Print is done for a package of an Aircraft which has a MSN # 3400 and Owned with Maint. Op. as ‘ABCD’.

For this package, none of the *specific* attachments are matched. So, though the set option is set as ‘Matched Files Only’, the *generic* attachments **001.pdf & 002.pdf** are printed in this case.

WHAT'S NEW IN ENGINEERING ORDER?

Ability to set tree records sorting preferences for Manage Eng. Document activity

Reference: AHBf-3684

Background

This enhancement facilitates user to control sorting of documents displayed in **Manage Eng. Document** tree.

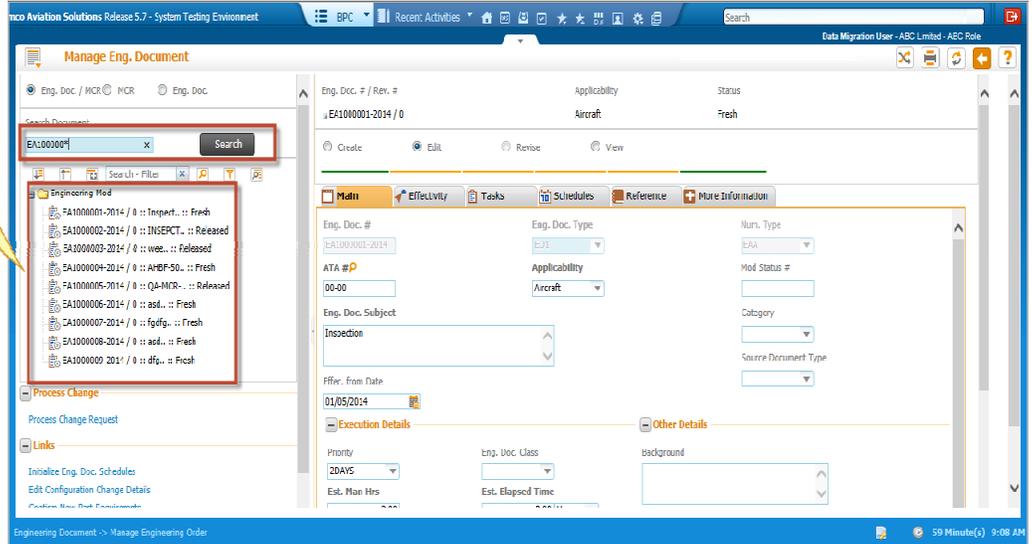
Change Details

This enhancement enables user to sort Eng. Document's / MCR's loaded in Manage Eng. Document tree based on process parameter 'Tree Sorting basis in Manage Engineering Document' added in **Common Master** business component.

A new process parameter "Tree Sorting basis in Manage Engineering Document" is added under a system defined Entity "--All Eng. Doc.--" of Entity Type 'Eng. Doc Type' with permitted values "0", "1" and "2". System sorts Eng. Documents in ascending order of Eng Doc # if value is set as "0". User can also select values "1" and "2" for sorting Engineering Documents in ascending and descending order of 'Effec. from Date' respectively.

Exhibit-1: For example if process parameter 'Tree sorting basis in Manage Engineering Document' is set as "0", system sorts Engineering Documents in the ascending order of Eng Doc #.

Records are loaded in ascending order of Eng. Doc. # when value for process parameter 'Tree Sorting basis in Manage Engineering Document' is set as "0" in Common Master



Note: If MCR documents are to be listed in the tree, the system lists them (based on above mentioned option settings) after listing all the Engineering Documents in the tree.

Additional Change Details

'Execution Action' control has been removed from following screens of **Engineering Change Management** business process:

1. Manage Eng. Documents (Main Tab)
2. Process Change Request
3. View MCR Processing Details

Note: Removal of 'Execution Action' control does not affect system behavior anyway.

WHAT'S NEW IN AIRCRAFT MAINTENANCE PLANNING

Changes in Plan Aircraft Maintenance

Reference: AHBf-2486

Background

Plan Aircraft Maintenance activity has been enhanced to display Line Planning / Visit Planning view based on user preference.

Change Details

Currently, Line Planning view is defaulted on launch of Plan Aircraft Maintenance activity. As per current enhancement system will default the last view [Line Planning / Visit Planning] selected by user.

Exhibit 1 : Plan Aircraft Maintenance

The screenshot shows the 'Review Fleet Maintenance Plan' web application. At the top, there are search options for 'Basic Search' and 'Advanced Search'. Below this, the 'Plan Details' section has two radio buttons: 'Line Planning' (unselected) and 'Visit Planning' (selected). To the right, there are fields for 'A/C Reg #' and 'Maintenance Item*'. The 'Arrival Details' section includes a 'Station' dropdown, 'From / To Date & Time' (21/2014/08 11:24:21), and 'Duration (hrs)'. The 'Maintenance Details' section includes 'From / To Date' (21/2014/08 to 25/2017/08) and a 'Get Details' button. The bottom part of the interface shows a 'Job Details' table with columns for 'Aircraft Reg # / Work Unit #' and a timeline from 00 to 20 for two consecutive days: 21-Aug-2014 and 22-Aug-2014. A callout box points to the 'Visit Planning' radio button with the text: 'Last selected view will be defaulted on next login.'

Displaying Tasks and Discrepancies in the same tab in Edit Package Additional Information screen

Reference: AHBf-2506

Background

In **Edit Package Additional Information** screen, the user can view Tasks and Discrepancies in a package and do bulk editing in separate views for each. This enhancement aims to simplify the user experience by enabling viewing of Tasks and Discrepancies at the same time in the **Task Details** tab by using a specific view filter.

Change Details

In the **Task Details** tab of the **Edit Package Additional Information** screen, the user is provided with 3 view filters (as shown in the Exhibit - 1):

1. Workscoping Items
2. Additional Items
3. Detailed Items

Exhibit – 1:

View Filters in the Edit Package Additional Information screen

Edit Package Additional Information

A/C Maint. Exe. Details

Execution Ref. # Visit Package RON-000001-2013 Package Status In-Progress Aircraft Status Active

Aircraft Reg. # 1000 Aircraft Model # A320 Operations Type

Primary Work Center ATL-104-05 Package Description

Execution Flight Details Reference Details Contract Conditions Cost Information Task Details Spacing Details

WorkScoping Items Additional Items Detailed Items

Currency CAD

Task Details

#	Message Center	TS	HS	ES	Seq #	Tally #	Task #	Task Desc.	ATA #	Exec. Action	Pl. Start Date & Time
1					2	2	1-ROUTI-7200-MPD-	HPC ROTOR MODULE	72-00	Pre-Close	07/05/2013 18:51:00
2	* Please enter a positive				4	4	03-OV-X00-00-	O/VENDOR	00-00	Execute	07/05/2013 18:51:00
3	* Expense Type cannot				6	6	3-00000133	Repair	05	Incomplete	07/08/2013 11:15:00
4					8	8	NST-010802-2014	Non Standard Task 1	00-00	Execute	08/08/2014 09:36:00
5	* Please enter a positive				10	10	03-OV-X00-00-	O/VENDOR	00-00	Execute	07/05/2013 18:51:00

Re-Generate Seq # Upload Documents View Documents

1. **Workscoping Items** filter will display all the Tasks (in the package) for which **Workscoping property** is set as 'Yes' in their WBS Code.
2. **Additional Items** filter will display the Non-Standard Tasks and Discrepancies (in the package) regardless of their WBS Code.
3. **Detailed Items** filter will display all the Tasks for which **Execution Operations** is set as 'Yes' in their WBS Code.

Now, with this enhancement, the **Detailed Items** filter will display all operational Tasks and Discrepancies.

A new Process Parameter '**Default Filter Criteria in the Task Details tab of Edit Package Additional Information**' is added under the Entity '--All Packages--' of the Entity Type "**Package Type**" in the "**Common Master**" business component with the following configurable values:

- "0" for 'Workscoping Items'
- "1" for 'Additional Items'
- "2" for 'Detailed Items'

According to the option set by the user for the above parameter, the appropriate filter will be defaulted on page launch of the **Edit Package Additional Information** screen (for the Task Details tab only).

Ability to save modified records in Edit Package Additional Information

Reference: AHBF-3628

Background

With this enhancement in **Edit Package Additional Information** page, all modifications done in the multiline are processed and saved regardless of the selection of the records in the multiline.

Change Details

When a user modifies a record in the **Edit Package Additional Information** page and clicks on *Update Details*, only the modified records are processed and saved. With this enhancement, record selection is non-mandatory for update.



Note: After an error scenario, if the error record has to be ignored for updating, the same record can be deleted from the multiline and 'Update Details' can be invoked. System will ignore the removed record for processing.

Ability to Resequence Tasks and Discrepancies in Edit Package Additional Information

Reference: AHBf-2048

Background

Re-Generate Seq # in **Edit Package Additional Information** allows the user to resequence tasks and discrepancies in a package, so as to provide a way to easily reorder them or add new entries between them without having to manually renumber the records.

Change Details

Re-Generate Seq # button is available below the multiline in the **Task Details** tab of the **Edit Package Additional Information** screen when the **Detailed Items** view filter is selected.

To understand the functionality of Regeneration, let us take an example.

Assume that there is a Package with 5 Tasks/Discrepancies with Sequence numbers 1, 2, 3, 4 & 5 respectively.

Seq #	Task #
1	000-05-110-300
2	000-05-110-301
3	1-00043545-ST01
4	1-00043545-ST02
5	1-00043545-ST03

If the user wants to add a new Task with Seq # 2, he has to renumber all the records (marked in yellow) to accommodate the new record so the final result will look like this:

Seq #	Task #
1	000-05-110-300
2	NST-000123-2014
3	000-05-110-301
4	1-00043545-ST01
5	1-00043545-ST02
6	1-00043545-ST03

As the package size increases with more and more records, this becomes a cumbersome task.

Regeneration will help the user with this problem.

Consider the example again:

Seq #	Task #
1	000-05-110-300
2	000-05-110-301
3	1-00043545-ST01
4	1-00043545-ST02
5	1-00043545-ST03

Now user clicks the Re-Generate Seq # button.

System will resequence the records with the multiplication factor as defined in '**Re-Sequence Multiplication Factor**' under the Entity '**--All Packages--**' of the Entity Type '**Package Type**' in the **Common Master** business component.

Let the Re-Sequence Multiplication Factor be set as "2".

So now we have this:

Seq #	Task #
2	000-05-110-300
4	000-05-110-301
6	1-00043545-ST01
8	1-00043545-ST02
10	1-00043545-ST03

Now the user adds the new task with the Seq # 3 and Clicks **Save**. System will first sort the multiline according to the Seq #. In this case, the Seq # 3 of the new records falls between the first and the second record. So, we get this as the final result.

Seq #	Task #
1	000-05-110-300
2	NST-000123-2014
3	000-05-110-301
4	1-00043545-ST01
5	1-00043545-ST02
6	1-00043545-ST03

As we can see, we got the same result as the manually renumbering but in this case, we just clicked Re-Generate Seq # button, added a new task with a Seq # that falls between the records and saved.



Note:

- During regeneration, all Tasks/Discrepancies in 'Cancelled' status will be moved to the last automatically.
- After regeneration, select all the records and then click **Update Details**. If the records are not selected, the changes will be lost on save. This will be addressed in a future release.

WHAT'S NEW IN AIRCRAFT/SHOP WORK MANAGEMENT

Changes in Manage Work Assignments and Reporting screen - Maintenance Object combo loading

Reference: AHBF-2480

Background

Current enhancement brings additional level of security control in Manage Work Assignments and Reporting screen. Users will be allowed to work on Aircraft Maintenance Execution reference documents and Shop Work order documents based on login user activity mapping rights for Record Aircraft Maintenance Execution Details & Record Shop Execution Details activities.

Change Details

Maintenance Object types will be loaded with values [Aircraft Reg #, Part / Serial #, Component #] based on login user activity mapping rights for Record Aircraft Maintenance Execution Details & Record Shop Execution Details.

Exhibit 1: Manage Work Assignments and Reporting

Values will be loaded based on Activity Mapping as mentioned above.

Manage Work Assignments and Reporting

Date & Time Format: dd/yyyy/mm hh:mm:ss

Search Criteria: Maintenance Object [Dropdown] Primary Work Center # [Dropdown] Ref. Doc. # [Text]

Ref. Doc. Type: Aircraft Reg #, Component #, Part #/Serial #

Additional Search Criteria: Display Option: All Date From / To: 22/2014/06 00:00:00 - 20/2014/09 00:00:00 Status: [Dropdown]

Search

Task #	Task Description	22-Jun-2014	23-Jun-2014
		00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19	00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19

WHAT'S NEW IN AIRCRAFT MAINTENANCE EXECUTION?

Renaming of Tally # to Tracking

Reference: AHBF-4100

Background

Tally # is a system generated numeral to track Tasks / Discrepancies that are added to a Aircraft Maintenance Execution Package. Tally # cannot be duplicated inside a Package. There can be only one Task / Discrepancy for a Package # / Tally # combination. As per business usage, this refers to running numbers for valid tasks within a package (when package print is taken, cancelled tasks in package are not listed in print & also should not be assigned Tally #s). Hence, this entity has been renamed as "Tracking #" in all user interfaces of Ramco M&E application.

Change Details

Tally # has been renamed to Tracking # across the product in the following screens:

1. Record Aircraft Maintenance Execution Details
2. Record Aircraft Execution Details
3. Record Part Consumption & Return
4. Plan Aircraft Maintenance
5. Edit Package Additional Information
6. Review Work Execution and Report Actuals

Exhibit – 1:
Tracking # in Record Part Consumption & Return

Record Part Consumption & Return

Search Criteria

Display Option: All Pending Return

Task # / Description:

Search On:

Aircraft Reg. #:

Part # / Description:

Execution Ref. # / Description:

Customer # / Order #:

Requested Work Center #:

Tracking #

Search

Return Unconsumed Parts | **Return Cores** | Record Direct Part Consumption

Return Part Details

#	Issued Part #	Issued Serial #	Issued Lot #	Issued Qty.	Exe. Ref. #	Tracking #	Seq. #	Task #	Rem. / Return Part #	Rem. / Return Serial	Mfr. Serial #	Rem. / Return Lot #	Mfr. Lot #
1					HP000003-2013	1	1	NST-000239-2013	01-0328-00-0051A	GGE167	GGE167		
2					HP000012-2013	1	1	NST-000262-2013	015T1507-602:81205	123			
3	RT-LOT		LOT001167-2014	1.00	HP000041-2013	23	23	00-00	RT-LOT			LOT002270-2014	CR-1600
4					HP000048-2013	3	3	NST-000680-2013	01-0328-00-0051A	GGE100	GGE100		
5					HP000048-2013	3	3	NST-000680-2013	01-0328-00-0051A	GGE104	GGE104		
6					HP000050-2013	1	1	NST-000465-2013	0-0110-3-0442:363615HAZ	VIS-1	VIS-1		
7					HP000053-2013	2	2	NST-000556-2013	TCAS	COMPTCAS	COMPTCAS		
8					HP000063-2013	1	1	NST-000585-2013	01-0328-00-0051A	GGE112	GGE112		
9					HP000120-2013	2	2	NST-001012-2013	0-0440-4-0011:36361	SL-870800-2014	SL-870800-2014		
10					HP000121-2013	5	5	ATASK-1	0-0440-4-0019:36361	260COMP	260COMP		

Update Reconcile

Return Warehouse:

Return Parts

[Edit Maintenance Return](#)

[Manage Employee Work](#)

[Issue Certificate of Maintenance](#)

[Generate Return Document Report](#)

[View A/C Maint. Exe. Ref. #](#)

Exhibit – 2:
Tracking # in Record Part Consumption & Return

Record Aircraft Maintenance Execution Details

Exe. Details Aircraft Reg # 1000 Go Station Atlanta Internal Work Center ATL-104-05 Date & Time 26/09/2014 17:49:55 Flt. Hrs 100028.00 Flt. Cycles 110008.00

Open Items (969) Discrepancies (4) Work Information (14) Component Replacement (0) Material Request (7)

Search Options: Log Cards Minor Major Search by --Search by-- Search For Go

Search - Filter

1000

- CHVY000016 - Task Cards
 - Planned
 - In-Progress
 - Completed
 - Closed
 - 00-00 :: atask-2 :: ATL :: Secondary

Execution Record Details

Exe. Ref. #	Visit #	Status	HS	ES	NR	Category	Ref. Time Zone
Log # 11		In-Progress				Repair	

Work Information

Task # - Tracking # - Seq #
atask-2 2 2

Task Type New Task?
MOD No

Task Description
Secondary Task for the Model A320

Execution Status
Closed

ATA # Repair Classification
00-00

Execution Comments
Test

Sign-Off Status
Signed-off

Job Type
Aircraft

Work Center #
ATL-104-05

Next Steps

Ability to search by Source Task / Source Discrepancy in AME tree of the Discrepancy tab

Reference: AHBf-1663

Background

Search By / Search For option in the **Record Aircraft Maintenance Execution** screen facilitates the user to search against a certain criteria and filter the tree section.

The Search By option '**Discrepancy #/Task #**' will now display all child discrepancies of the Discrepancy # or Task # that is being searched for.

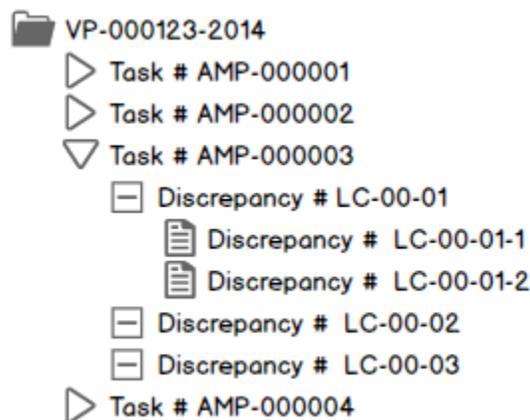
Change Details

The Search By option '**Discrepancy #/Task #**' will not only display the Discrepancy that is searched for in the **Discrepancy** tab, but will also show all child discrepancies that are reported under the current discrepancy that is being searched for.

When searched for a Task # in the **Discrepancy** tab, all the child discrepancies that are reported under the Task # will get filtered in the tree.

Example:

Consider the following data modelling (this is only for explanation purposes).



Now, in **Discrepancy** tab, the **Search By** option '**Discrepancy #/Task #**' will display various results as shown in the below table for various **Search For** inputs.

S. No.	Search By	Search For	Results
1.	Discrepancy #/Task #	AMP-000001	-

Enhancement Notification

2.	Discrepancy #/Task #	AMP-000003	LC-00-01 LC-00-01-1 LC-00-01-2 LC-00-02 LC-00-03
3.	Discrepancy #/Task #	LC-00-01	LC-00-01 LC-00-01-1 LC-00-01-2
4.	Discrepancy #/Task #	LC-00-01-1	LC-00-01-1
5.	Discrepancy #/Task #	LC-00-02	LC-00-02

 *Note: Searching for child discrepancies by providing the Source Task # or Source Discrepancy # works only in the **Discrepancy** tab.*

Discrepancy Deferral based on End of Day option

Reference: AHBF-1616

Background

Discrepancy Deferral calculation logic will now consider the process parameter '**Next Due computation logic**' under the Entity '**Next Due Comptn. Logic**' of the Entity Type '**Maint. Program and Forecasting Options**'.

Change Details

The process parameter '**Next Due computation logic**' under the Entity '**Next Due Comptn. Logic**' of the Entity Type '**Maint. Program and Forecasting Options**' has two permitted values:

- "0" for 'End of Day',
- "1" for 'Exact Date & Time'.

If the option is set as '**Exact Date & Time**', the existing Discrepancy deferral logic is used.

If the option is set as '**End of Day**', then the Discrepancy deferral calculations will be done considering the process parameter '**Deferral Limit Basis for Calendar Day / Flight Day Computation**' under the Entity Type '**Deferral Type**' but with the Time of Deferral always set to end of day (23:59:59) regardless of the reporting station / viewing station.

 Note:

1. *Hour based deferral will not move the time to 23:59:59 even if the option is set as '**End of Day**'.*
2. *If '**Deferral Limit Basis for Calendar Day / Flight Day Computation**' under the Entity Type '**Deferral Type**' is set as "**Not Applicable**", then Date based deferral and Flight Day based deferral will not move the time to 23:59:59 even if the option is set as '**End of Day**'.*

Bypass Actual Start Date Update in AME for Material Issue Confirmation

Reference: AHBf-2139

Background

When a Task is in '**Planned**' status and a **Material Issue** is confirmed against the Task, then it will automatically go to '**In-Progress**' with *Actual Start Date / Time* being derived from the current Date / Time.

This change allows this feature to be bypassed based on set option.

Change Details

A new process parameter "*Task status change on Material Issue confirmation?*" is added under the Entity '**--All Packages--**' of the Entity Type '**Package Type**' and has configurable values as:

- "0" for '**Not Required**' → *default option*
- "1" for '**Required**'

If the option is set as '**Required**', then the existing functionality is retained. On Confirmation of **Material Issue** document, current server Date / Time is stamped as *Actual Start Date / Time* and the Task moves to '**In-Progress**'.

If the option is set as '**Not Required**', then the existing functionality is bypassed. On Confirmation of **Material Issue** document against the Task, the Task status is retained at '**Planned**' and *Actual Start Date / Time* is not updated.

 *Note: Once a Material Issue has been confirmed against a Task, the Task cannot be cancelled even if it is in 'Planned' status.*

Ability to Raise Material Request for Supplier stock status

Reference: AHBf-1600

Background

Provision has been given to raise material request for Supplier parts from Aircraft Maintenance Execution component.

Change Details

Stock status combo will now load the values which are mapped to 'Material Request' transaction, and whose stock status attribute is either 'Ownership-Customer' or 'Ownership-Internal' or Ownership - Supplier'.

This change will be effective in the following screens,

1. Material Request tab in Record Aircraft Maintenance Execution details.
2. Record Direct Part Consumption tab in Record Part Consumption & Return screen.
3. Plan Material screen – [in Compliance Tracking & Control]

Exhibit 1: Record Aircraft Maintenance Execution Details

The screenshot shows the 'Record Aircraft Maintenance Execution Details' interface. At the top, there are navigation tabs: 'Exe. Details', 'Aircraft Reg #', 'Station', 'Work Center', 'Date & Time', 'Flt. Hrs', and 'Flt. Cycles'. Below this, there are search options for 'Log Cards', 'Minor', and 'Major'. The main content area is divided into sections: 'Execution Record Details', 'Discrepancy', and 'Material Request'. The 'Material Request' section is highlighted with a red box, showing fields for 'Material Request #', 'MR Status', 'MR Priority', 'Requirement Type', 'Part #', 'Part Description', 'Warehouse #', 'Stock Status', 'UOM', 'Qty. Required', 'New Part #?', and 'Available Qty.'. The 'Stock Status' dropdown menu is highlighted with a red box.

Exhibit 2: Record Direct Part Consumption tab in Record Part Consumption & Return screen.

The screenshot shows the 'Record Part Consumption & Return' interface. At the top, there are search criteria for 'Display Option', 'Task # / Description', 'Search On', 'Aircraft Reg. #', 'Part # / Description', 'Material Request #', 'Execution Ref. # / Description', 'Customer # / Order #', and 'Requested Work Center #'. Below this, there are tabs for 'Return Unconsumed Parts', 'Return Cores', and 'Record Direct Part Consumption'. The 'Record Direct Part Consumption' tab is selected, showing a table with columns: '#', 'c. #', 'Part #', 'Serial #', 'Lot #', 'Used Qty.', 'Warehouse #', 'Zone #', 'Bin #', 'Stock Status', 'Condition', 'Remarks', and 'Attached?'. The 'Stock Status' dropdown menu in the table is highlighted with a red box. At the bottom, there are checkboxes for 'Confirm Consumption' and a 'Record Part Consumption' button.

Exhibit 3: Plan Material screen – [in Compliance Tracking & Control]

Plan Material Date & Time Format dd/yyyy/mm hh:mm:ss

Search Criteria

Display Option: Task # / Discrepancy # Description
Search On: Planned Date: From / To Date Material Request #
 Exclude Child tasks? Display Requested Items?

Default Details

A/C Reg # Package # Need Date
Task # / Discrepancy # Seq #

Part Requirements

#	Reqd. Qty	UOM	Need Date	Warehouse #	Stock Status	Substitute Type	Substitute Part #	Avbl. Qty.
1								

Changes in Record Part Consumption & Return screen

Reference: AHBf-2750

Background

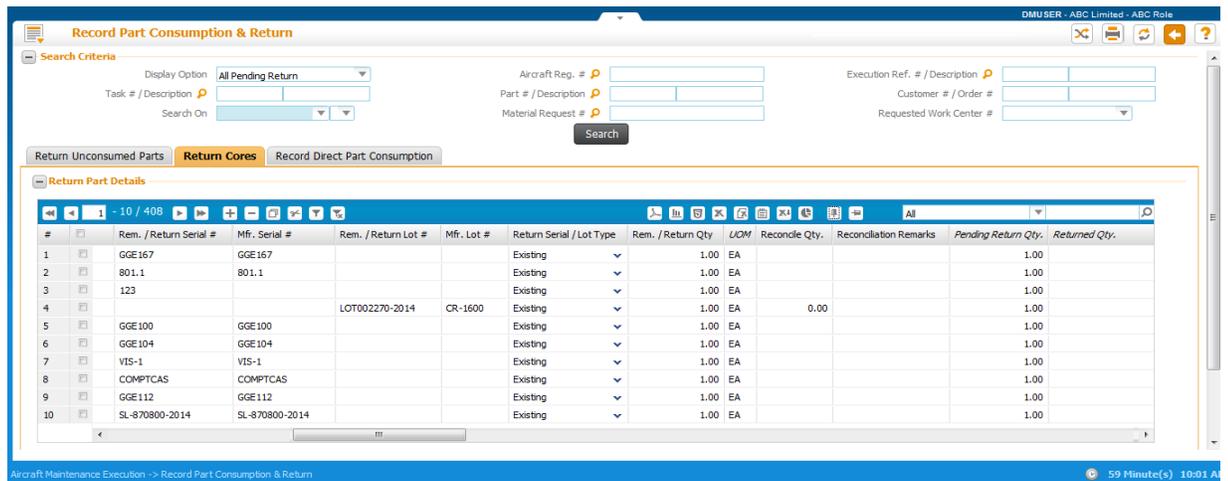
This enhancement brings the ability to return cores against issued parts, without recording a component replacement in system.

Change Details

To provide the ability to return a core, following changes are done in **Record Part Consumption & Return** screen.

Return Removed Cores tab has been renamed as "Return Cores", as returning of all parts, against a removal and also against an issue can be done in this tab. For returning a core against an issued item, user can enter the Removed Part #, Serial # and/or Lot # and return.

Exhibit 1:



Changes in Display Option:

Display option will have 4 values henceforth,

1. "All Parts",
2. "All Returned Parts",
3. "All Pending Return" and
4. "Pending Direct Consumption".

User can enter the following details in respective columns to return the parts,

1. Exe. Ref. #
2. Task #
3. Tally #
4. Seq #
5. Rem. / Return Part #
6. Rem. / Return Serial #
7. Rem. / Return Lot #
8. Rem. / Return Qty
9. Mfr. Serial #
10. Mfr. Lot #
11. Return Serial/Lot type
12. Return Classification

Enhancement Notification

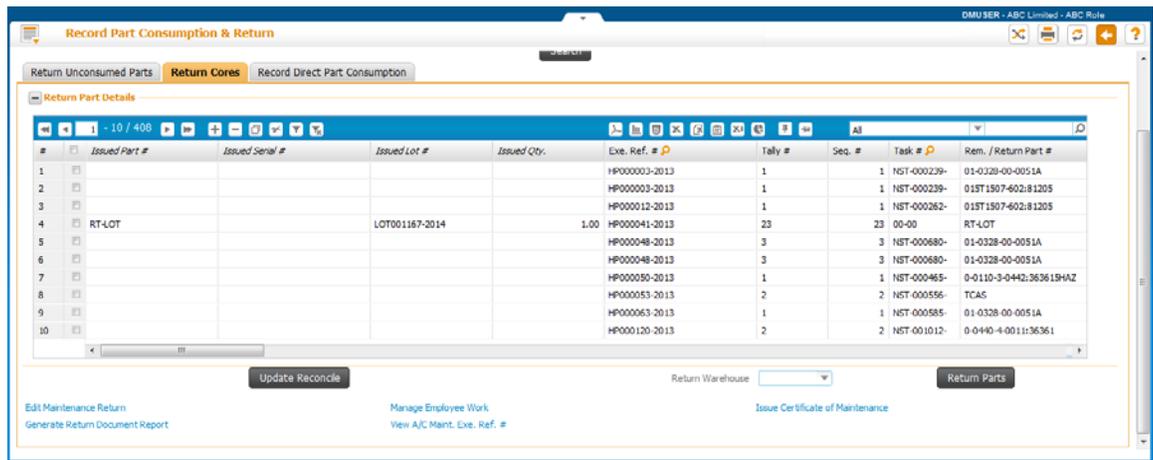
13. Return Stock Status
14. Condition
15. Certificate Type
16. Certificate #
17. Certificate Date
18. Expiry Date
19. Return Warehouse



Note : Added a new column Return Cost (Display Only)

If user wants to return a new Serial # and / or Lot #, can enter Mfr. Serial # and/or Mfr. Lot # for the part and select "New" in Return Serial / Lot type column.

Exhibit 2:



A link is added to view the Exe. Ref. Document, as shown in Exhibit 2.

Changes in Search Results:

This enhancement brings the streamlined view of search results, which makes Reconcile and Return transactions easy to do. Search results based on Display Option selection are listed below:

Return Unconsumed Parts tab

Display Option	Results
All Parts	All Issued Parts
All Returned Parts	All Issued Parts which are returned as excess
All Pending Return	All Issued Parts which are pending for return as excess

 Note: Reconciliation of Cores can be done in "Return Parts" tab.

Return Cores Tab

Display Option	Results
All Parts	<ul style="list-style-type: none">a. All parts recorded as removed through a component replacement transaction.b. All issued parts which have pending/reconcile/returned core against them.
All Returned Parts	<ul style="list-style-type: none">a. All parts which are recorded as removed through a component replacement transaction and are returned.b. All issued parts which have returned core against them.
All Pending Return	<ul style="list-style-type: none">a. All parts recorded as removed through a component replacement transaction and is pending return.b. All issued parts which have pending core returns against them.

On search, system retrieves the default Warehouse based on Part type, Part condition, Part stock status and ownership. User can directly return the parts or change the warehouse and return.

Notes:

1. *Only alternates will be allowed to return against an issued core.*
2. *Additional lines without issue reference / removal reference cannot be entered for return.*
3. *With this enhancement Reconciliation of issued core can be done in "Return Cores" tab, instead of "Return Unconsumed Parts" tab [as was the earlier behaviour].*

Changes in Record Part Consumption & Return

Reference: AHBf-2069

Background

Provision to generate Return Document Report has been given in Record Part Consumption & Return activity. This will enable user to easily print return report after parts return, instead of traversing into View Material Return page for individual return documents.

Change Details

“Generate Return Document Report” link has been added in Return Unconsumed Parts tab and Return Removed Cores tab of Record Part Consumption & Return activity.

Exhibit 1 - Return Unconsumed Parts tab

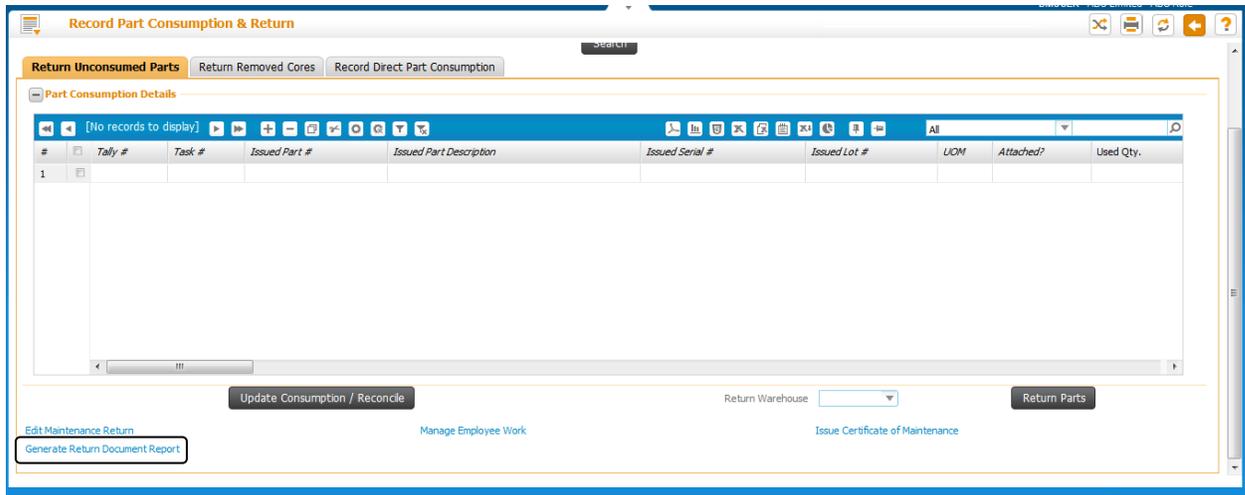
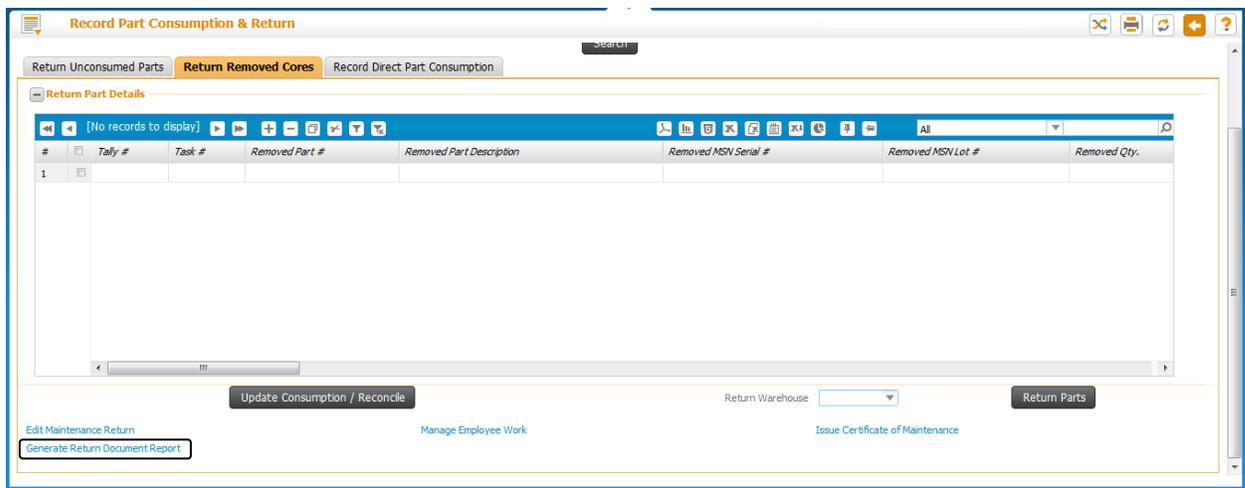


Exhibit 2 : Return Removed Cores tab



WHAT'S NEW IN SHOP WORK ORDER?

Usability Improvements in Record Shop Execution Details Screen

Reference: AHBf-2633

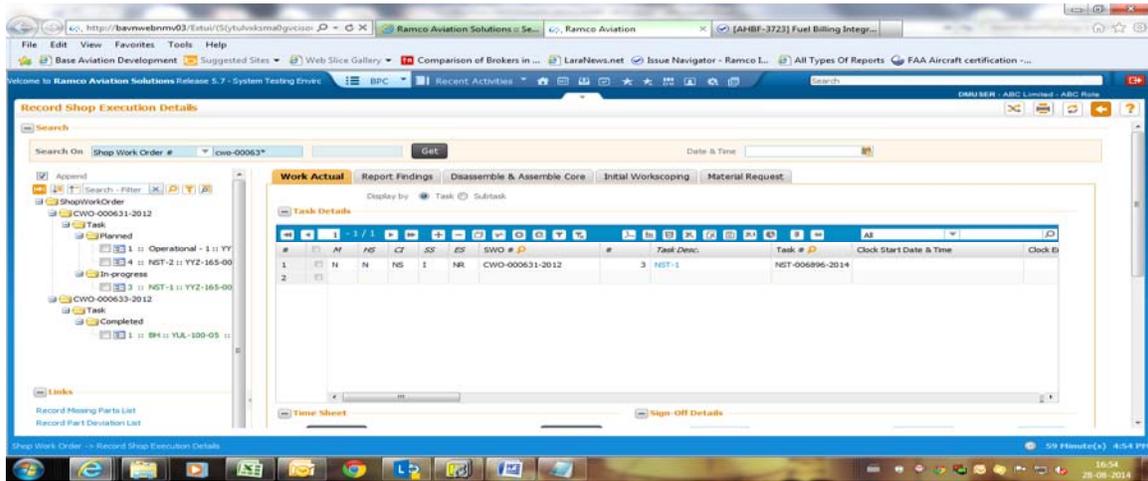
Background

This enhancement brings usability improvements in **Record Shop Execution Details screen** of **Shop Work Order** business component.

Change Details

When the search fetches either three or less work orders, the Work Order tree on the left side will be expanded till leaf level.

Exhibit 1:



If a single work order is fetched and if the process parameter “Auto-populate task details in work actual tab on search” is set as “Yes”, all the tasks /discrepancies available in the tree will be transferred to the multiline.

Exhibit 2:

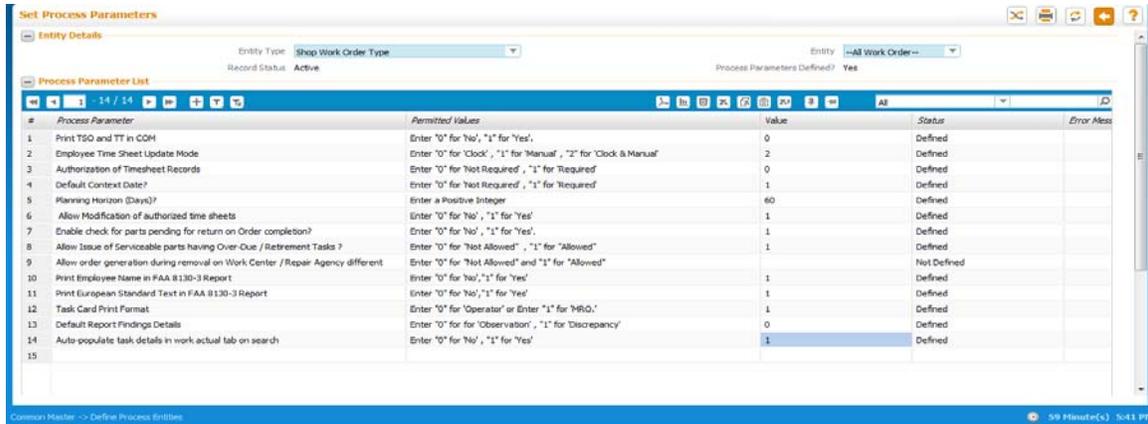
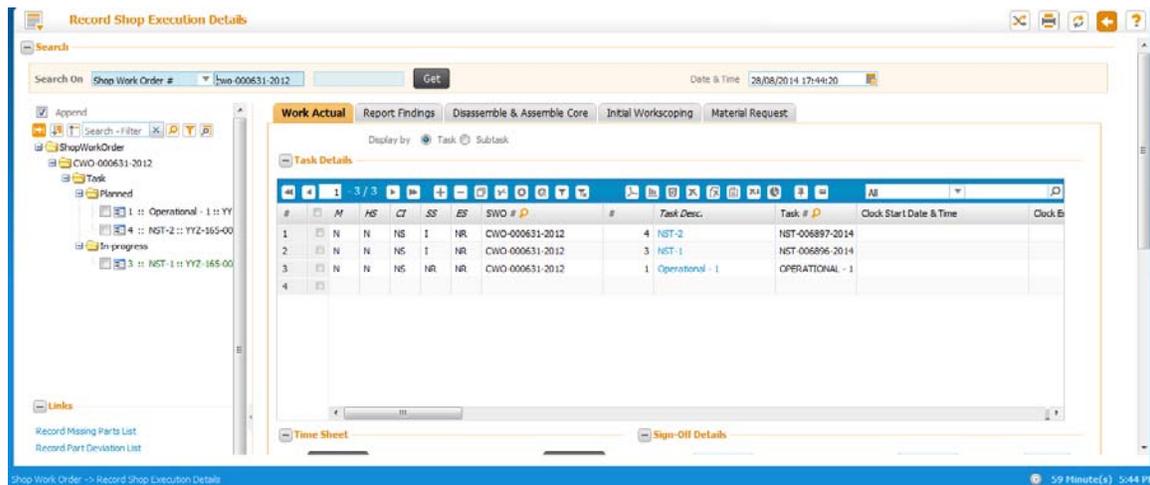


Exhibit 3:

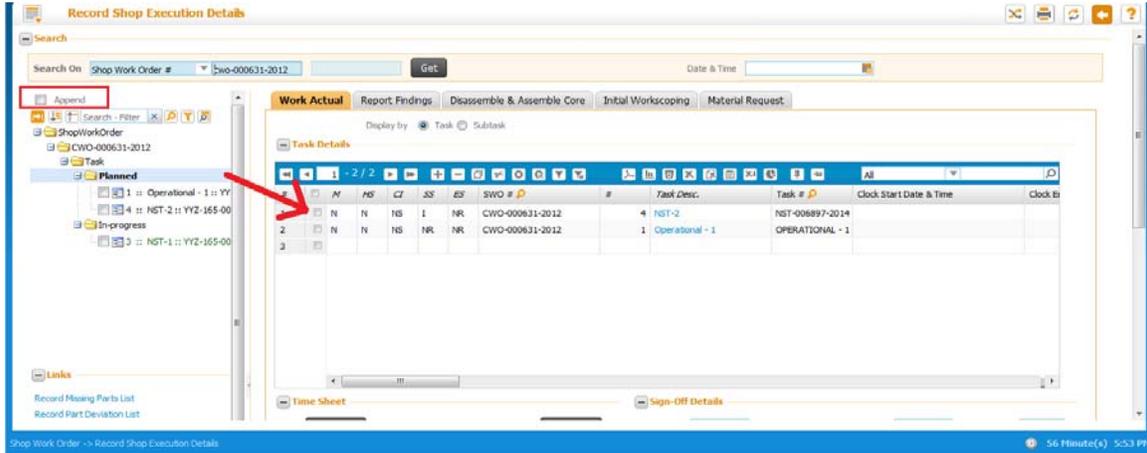


All the tasks / discrepancies in any folder of the tree can be transferred by clicking on the particular node (only for **Work Actual** tab). For Example, if the below nodes are clicked, the following tasks or discrepancies will be transferred to the multiline from the tree:

- SWO # - All the tasks and discrepancies that are available under the work order.
- Task Folder - All the tasks that are available under the work order (irrespective of the status).
- Discrepancy Folder - All the discrepancies that are available under the work order (irrespective of the status).
- Status Node - All the Tasks or Discrepancies that are available under the work order with the particular status.
- Leaf Node – Only the particular task or discrepancy details that is clicked.

While transferring, the records in the multiline will be cleared (except clocked on tasks) if the 'Append' checkbox (only for **Work Actual** tab) above the tree is not checked. Else transferred task / discrepancies will be appended to initial rows.

Exhibit 4:

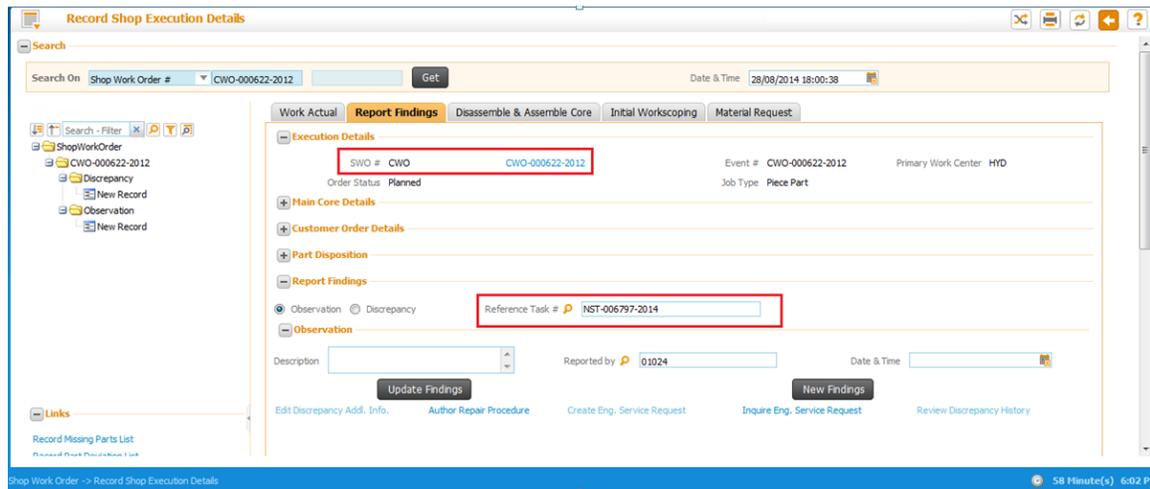


Note: Append Check box feature is available only in Work Actual tab of Record Shop Execution Details screen.

Report Findings tab

When the **Report Findings** tab is clicked or on search in the tab, if a work order context is available, the work order number will be fetched and displayed in the 'SWO #' field. And if the Work order has only a single task, it will be displayed in the 'Reference Task' field.

Exhibit 5:

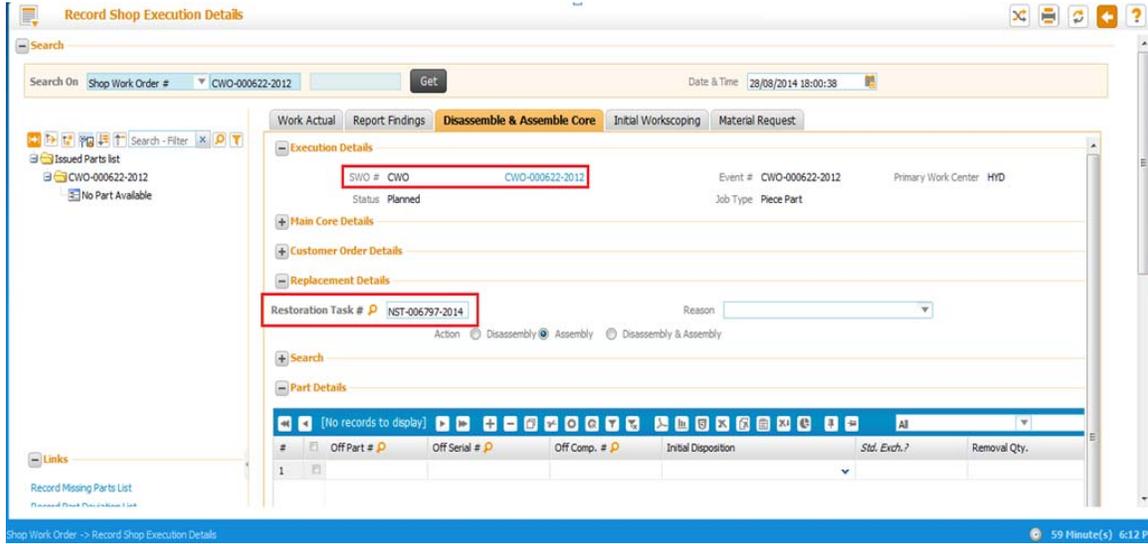


The discrepancy / observation details will be defaulted (Exhibit 5) based on the value set in process parameter “Default Report Findings Details” (Exhibit 2).

Disassemble & Assemble Core tab

When the **Disassemble & Assemble** tab is clicked or on search in the tab, if a work order context is available, the work order number will be fetched and displayed in the ‘SWO # field’. And if the Work order has only a single task, it will be displayed in the ‘Restoration Task’ field.

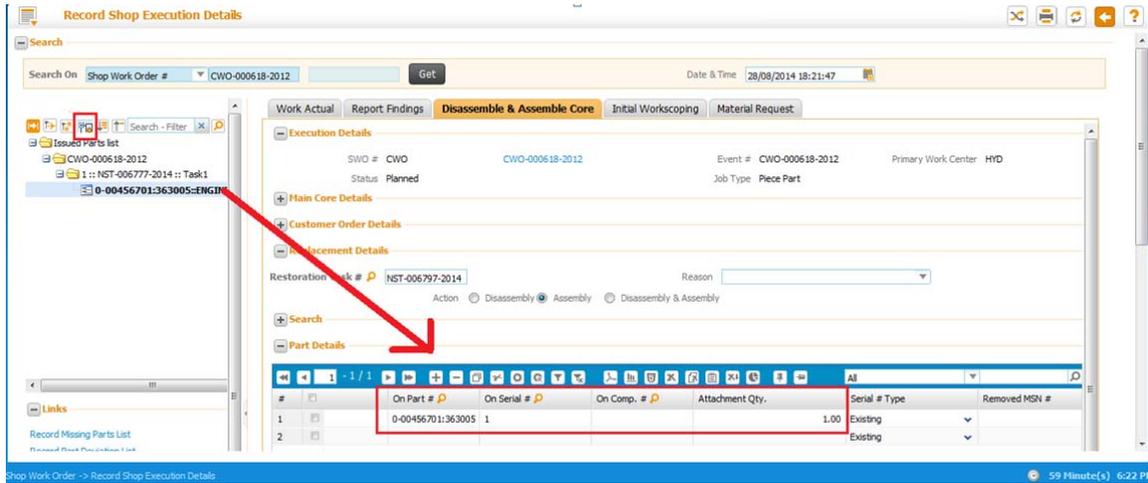
Exhibit 6:



The parts issued to the work order will be listed in the tree when the user clicks on the issued part list tree. The user can transfer the details of the part from the tree by clicking on the part detail. Part details will be transferred from tree to selected row in multiline. If no row is selected in Part Details multiline, transfer will happen to the last row of multiline.

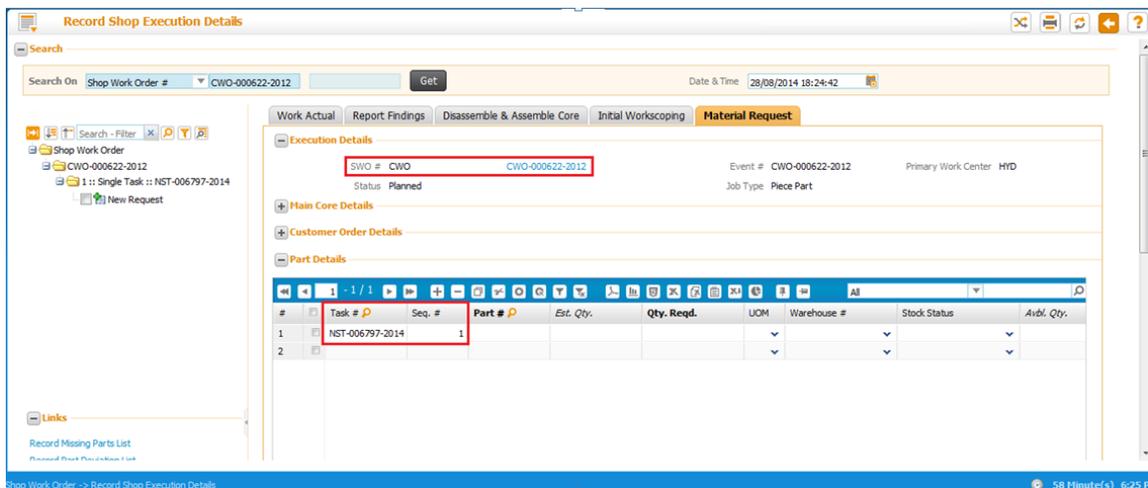
 *Note: The details will be transferred when the Assembly or Disassembly & Assembly radio button is checked.*

Exhibit 7:



Material Request tab

When the **Material Request** tab is clicked or on search in the tab, if a work order context is available, the work order number will be fetched and displayed in the 'SWO #' field. And if the Work order has only a single task, the task details will be appended and displayed in the multiline for the user to generate material request. If a material request is invoked with task context, the task details will be defaulted in multiline for the user to generate material request.



If user tries to raise material request for a part without task details entered, system will automatically raise the part request against task defined in previous row of multiline.

For Example:

Consider if material request is to be raised for part P2 without entering task details in multiline, system will automatically raise the part request against task defined in previous row of multiline (here Task T1).

<i>Task #</i>	<i>Seq. #</i>	<i>Part #</i>
<i>T1</i>	<i>1</i>	<i>P1</i>
		<i>P2</i>

Additional Changes:

- 1) Task details in **Work Actual** tab will be retained in **Task Details** multiline (irrespective of considering whether task is Clocked On) if user returns to **Work actual** tab even after traversing through various other tab pages.
- 2) Cancellation of task is allowed only if no material/resource consumption (or) component replacement is done against it.
- 3) For non-clock mode of operations, actual 'End Date and Time' of Task will be defaulted based on 'Date & Time' provided at header section of **Record Shop Execution Details** screen.



Note: In these scenarios, actual End Date & Time will be derived as task's actual End Date & Time minus Est. Elapsed Time.

- 4) 'Start Date & Time' and 'End Date & Time' multiline control in **Work Actual** tab of **Record Shop Execution Details screen** is renamed as 'Clock Date & Time' and 'Clock Date & Time'.

Ability to Record Direct Part Consumption

Reference: AHBf-2976

Background

The below-mentioned business practices are sometimes followed by Operators / MROs within the shop maintenance function:

1. Shop Mechanic himself issues/picks parts needed for maintenance. This scenario is generally seen in small bases where the Shop Mechanic himself is responsible for inventory management (no separate role controls issue of parts for maintenance).
2. Project Work Orders are setup for backdated reporting of work performed during aircraft maintenance in remote field bases. Project work orders are setup primarily to:
 - a. Update resource/material consumption information in system
 - b. Maintain task compliance history in system
 - c. Bill customer based on work actuals recorded in system

Current enhancement satisfies the above business needs and enables the user to record direct consumption of parts against shop work orders.

Change Details

Return Parts activity has been renamed as **Record Part Consumption and Return**. A new tab **Record Direct Part Consumption** has been added.

Exhibit 1: Record Direct Part Consumption tab

Shop Work Order -> Record Part Consumption & Return 113 Minute(s) 6:51 PM

Shop Work Order -> Record Part Consumption & Return 109 Minute(s) 6:55 PM

The user can provide the SWO #, Seq. #, Task # / Disc #, Part # / Mfr. Part # & Mfr. #, Serial # / Mfr. Serial #, Lot # / Mfr. # Lot #, Used Quantity, Warehouse #, Zone #,

Bin #, Stock Status, Condition and Remarks either manually or through help and record the part consumption.

The record will be in “Pending confirmation” status if the ‘Confirm Consumption’ checkbox is not checked (Note: ‘Confirm Consumption’ box will be checked by default on page launch).

If it is checked when user clicks on record part consumption,

- a. Material request is created in “Closed” status
- b. Material issued is created in “Confirmed” status
- c. Stock balance is reduced for the issued part



Note: The user will not be able to delete the records once confirmed.

Search Behavior:

The user can fetch the saved “Pending Confirmation” records, by selecting the display option in search criteria as “Pending Direct Consumption”, to confirm the part consumption.

If the display option is set as “All Parts”, both the pending confirmation and confirmed records will be fetched.



Note: If any other value is set for display option, no records will be fetched in the tab.

How to setup?

- a. ‘Allow direct part consumption?’ option at work order type level needs to be enabled in the **Define Process Entities** activity of **Common Master** Business component. (Refer Exhibit-2).
- b. ‘Backflush’ option needs to be enabled at:
 - i. Work Center level for each part type: **Associate Warehouses page** (Identify **Exe. Unit Work Centers activity** of **Work Center** business component) (Refer Exhibit-3)
 - ii. Warehouse level: **Create / Edit Warehouse Information** activity (**Storage Administration** business component) (Refer Exhibit-4)
 - iii. Part level: **Maintain Planning Information** activity (**Part Administration** business component) (Refer Exhibit-5)

Exhibit 2:

Back Flushing option at work order type level – **Define Process Entities (Common Master Component).**

The screenshot shows the 'Set Process Parameters' application window. The 'Entity Type' is set to 'Shop Work Order Type' and the 'Entity' is 'CWO'. The 'Record Status' is 'Active' and 'Process Parameters Defined?' is 'Yes'. A table titled 'Process Parameter List' contains 26 parameters. A yellow callout box points to the 'Value' column of the 45th row, containing the text 'Value for the option to be set as'.

#	Process Parameter	Permitted Values	Value	Status	Error Mess
26	Auto Return of Parts ?	Enter "0" for 'Not Required', "1" for 'Required'	0	Defined	
27	Enforce Excess/Core Returns on order closure ?	Enter "0" for 'No', "1" for 'Yes'	0	Defined	
28	Allow Reconciliation of Parts?	Enter "0" for 'Not Allowed', "1" for 'Allowed for Reconcile Core', "2" for 'Allowed for	0	Defined	
29	Auto Inclusion of Overdue Tasks ?	Enter "0" for 'Not Required', "1" for 'Required'	0	Defined	
30	Default Sign-Off requirement for Non-Routines ?	Enter "0" for 'Mechanic', "1" for 'Mechanic & Inspector', "2" for 'Inspector', "3"	3	Defined	
31	Enforce Sign-Off ?	Enter "0" for 'No', "1" for 'Yes'	1	Defined	
32	Permit Dual Sign-off by the employee ?	Enter "0" for 'No', "1" for 'Yes'	1	Defined	
33	Allow reporting by different employee?	Enter "0" for 'No', "1" for 'Yes'	1	Defined	
34	Allow Task Reporting by ?	Enter "0" for 'All Employee', "1" for 'Assigned Employee'	0	Defined	
35	Ref. Date for Compliance ?	Enter "0" for 'Start date', "1" for 'Task Completion date', "2" for 'CoM Date'.	1	Defined	
36	Backdated reporting Time Limit (in days)	Enter a positive integer	5	Defined	
37	Assembly status check on attachment ?	Enter "0" for 'Not Required', "1" for 'Required'	0	Defined	
38	Acknowledge Receipt	Enter "0" for 'Manual', "1" for 'Automatic'	1	Defined	
39	Allow modification of Task Sign-Off requirements	Enter "0" for 'Not Allowed', "1" for 'Allowed for Routine tasks', "2" for 'Allowed for	2	Defined	
40	Allow re-opening of completed orders / tasks?	Enter "0" for 'Not Allowed', "1" for 'Allowed'	1	Defined	
41	Allow reporting on completed orders / tasks?	Enter "0" for 'Not Allowed', "1" for 'Allowed'	1	Defined	
42	Allow time reporting on discrepancies?	Enter "0" for 'Not Allowed', "1" for 'Allowed'	1	Defined	
43	Allow discrepancy closure with open service request?	Enter "0" for 'Not Allowed', "1" for 'Allowed'	1	Defined	
44	Allow receipt to different work center?	Enter "0" for 'Not Allowed', "1" for 'Allowed'	1	Defined	
45	Material Movement Document Print on Requisition from Planner	Enter	0	Defined	
46	Default Shop Work Order Type for Auto generated Project work orders?	Enter	0	Defined	
47	Default Shop Work Order Type for Auto generated Miscellaneous work orders?	Enter	0	Defined	
48	Enforce Ref. doc. # for CoM	Enter "0" for 'Non-mandatory', "1" for 'Mandatory'	0	Defined	
49	Allow Issue of Serviceable parts having Over-Due / Retirement Tasks ?	Enter "0" for 'Not Allowed', "1" for 'Allowed'	1	Defined	
50	Direct Part Consumption	Enter "0" for 'Not Required', "1" for 'Required'	1	Not Defined	

Exhibit 3:

Back Flushable option at Work Center level for each part type - **Associate Warehouses**
(Identify Exe. Unit Work Centers activity - **Work Center** business component)

The screenshot displays the SAP 'Associate Warehouses' interface. At the top, it shows 'Work Center # HYD' and 'Work Center Type Shop'. Below this, 'Warehouse Details' are listed with 'Work Center Description Hydraulic Shop'. The main area contains a table with the following columns: #, U/S Receiving Warehouse #, Scrap Warehouse #, Auto Return?, Back Flushable, and Excess Return Policy. A yellow callout box with the text 'Set Back Flushable option as' points to the 'Back Flushable' column. The table contains 8 rows of data.

#	U/S Receiving Warehouse #	Scrap Warehouse #	Auto Return ?	Back Flushable	Excess Return Policy
1	00123			Yes	Issue Warehouse #
2	00123			Yes	Issue Warehouse #
3	00123			Yes	Issue Warehouse #
4	00123	00123	Required	Yes	Issue Warehouse #
5	00123	00123	Required	Yes	Issue Warehouse #
6	00123	00123	Required	Yes	Issue Warehouse #
7	00123	00123	Required	Yes	Issue Warehouse #
8			Not Required	No	Issue Warehouse #

Exhibit-4:

Allow Backflushing option at Warehouse level: Create / Edit Warehouse Information activity (Storage Administration business component)

The screenshot shows the 'Edit Warehouse Information' form in SAP Storage Administration. The form is divided into several sections:

- Warehouse Details:** Includes fields for Warehouse ID, Description, Warehouse Location, Finance Book (ABCPEB1), Warehouse Category (SER PARTS), Status (Active), and Date Format (dd/mm/yyyy).
- Warehouse Settings:** Contains three checkboxes: Allow Backflushing, Allow Reservation / Hard Allocation, and Allow Offline Usage.
- Address Details:** Includes Address (64, Sardar patel road, Taramani), City (Chennai), Zip Code (600113), State (Tamil Nadu), and Country (India).
- Warehouse Capacity Setting:** Includes Capacity Constraint (Not Applicable), Volume, Weight, Volume UOM, and Weight UOM.
- Other Details:** Includes User Defined Detail - 1 and User Defined Detail - 2.
- Attachments:** Includes File Name and a View File button.

A yellow callout box with the text "Check the 'Allow Backflushing' option" points to the 'Allow Backflushing' checkbox in the Warehouse Settings section.

Exhibit-5:

Backflush option at Part level: Maintain Planning Information activity (Part Administration component) (Exhibit-5)

The screenshot shows the 'Maintain Planning Information' form in SAP. A yellow callout box with the text 'Enable option for the part' points to the 'Back Flushing Required' checkbox in the 'Other Details' section. The form includes various input fields and checkboxes for planning and stock management parameters.

Section	Field/Option	Value/Status
Replenishment Parameters Details	Planning Type	None
	Stock UOM	EA
	Reorder Level	[Empty]
Analysis Classification & Movement Strategies	ABC Class	None
	XYZ Class	None
	VED Class	None
Usage, Source and Other Details	For Sale	<input type="checkbox"/>
	For Maintenance	<input checked="" type="checkbox"/>
Source Details	Purchase	<input checked="" type="checkbox"/>
	SubContracted	<input checked="" type="checkbox"/>
Other Details	Allocable	<input checked="" type="checkbox"/>
	Back Flushing Required	<input checked="" type="checkbox"/>

Note: The part has to be available at the warehouse which is mapped to the work center of the task or a matrix warehouse to the warehouse mapped to the work center with only direct issue option.

Ability to Generate Return Report from Return Parts Screen

Reference: AHBF-3551

Background

Provision to generate Return Document Report has been given in **Record Part Consumption & Return** activity. This will enable the user to easily print return report after parts return, instead of traversing into **View Material Return** page for individual return documents.

Change Details

Generate Return Document Report link has been added in **Return Main Core** tab, **Return Removed Cores** tab and **Return Unconsumed Parts** tab of **Record Part Consumption & Return** activity.

Exhibit 1: Return Main Core tab

Record Part Consumption & Return

Consolidated Part Return Details **Return Main Core** Return Removed Cores Return Unconsumed Parts Record Direct Part Consumption

Main Core Details

[No records to display]

#	SWD #	Part # / Serial #	Mfr. Part #	Mfr. #	Serial #	Lot #	Qty.	Return Classification	Return Stage	Main Core
1									Interim	

Close work order

Return Warehouse #

Return Parts

Manage Employee Work

Generate Return Document Report

Edit Maintenance Return

Issue Certificate of Maintenance

Shop Work Order -> Record Part Consumption & Return

59 Minute(s) 7:31 PM

Exhibit 2: Return Removed Cores tab

Record Part Consumption & Return

Consolidated Part Return Details | Return Main Core | **Return Removed Cores** | Return Unconsumed Parts | Record Direct Part Consumption

Core Part Details

[No records to display]

#	Task #	Rem. Part #	Rem. Mfr. Part #	Rem. Part Mfr. #	Removed MSN Serial#	Removed MSN Lot#	Removed Qty.
1							

Record Part Consumption

Close work order

Return Warehouse #

Return Parts

Manage Employee Work

Generate Return Document Report

Edit Maintenance Return

Issue Certificate of Maintenance

Shop Work Order -> Record Part Consumption & Return

59 Minute(s) 7:32 PM

Exhibit 3: Return Unconsumed Parts tab

Record Part Consumption & Return

Consolidated Part Return Details | Return Main Core | Return Removed Cores | **Return Unconsumed Parts** | Record Direct Part Consumption

Excess Part Details

[No records to display]

#	Task #	Req. Part #	Req. Mfr. Part #	Req. Part Mfr. #	Issued Part #	Issued Mfr. Part #	Issued Part Mfr. #
1							

Record Part Consumption

Close work order

Return Warehouse # [dropdown]

Return Parts

Manage Employee Work

Generate Return Document Report

Edit Maintenance Return

Issue Certificate of Maintenance

Shop Work Order -> Record Part Consumption & Return

59 Minute(s) 7:32 PM

WHAT'S NEW IN COMPLIANCE MANAGEMENT?

Ability to Mandate Remarks for modified records in Maintain Discrepancy Information

Reference: AHBf-3535

Background

Maintain Discrepancy Information page allows the user to create / update Discrepancy records. *Remarks* for the records were optional. Now with this change, *Remarks* is made mandatory on modification of existing records.

Change Details

When a user modifies a record in the **Maintain Discrepancy Information** page, *Remarks* will be mandated. This is based on a set option defined in the **Define Process Entities** page.

A new Entity '**Discrepancy**' is added under a new Entity Type '**Discrepancy Management**' and a new process parameter "*Mandate Remarks for modified records in Maintain Discrepancy Information?*" is added under the same Entity in the **Compliance Tracking & Control** business component. The newly added parameter has configurable values as:

- "0" for 'No' → *default option*
- "1" for 'Yes'

If the option is set as 'No', remarks will not be mandated. If the option is set as 'Yes', Remarks will be mandated only when the user modifies an existing record.

 *Note: For new records, Remarks will never be mandated (regardless of the set option).*

 *Note: Even if Remarks already exists for a record, if the user modifies the record, system will mandate the user to enter new Remarks that should not be the same as the earlier Remarks.*

WHAT'S NEW IN UPLOAD DOCUMENTS?

Enhancements in upload document activity

Reference: AHBf-3844

Background

Ramco Aviation Solution is having a function to associate external documents to its transactions. Presently these documents are moved into the identified document repository through FTP (File Transfer Protocol). Considering the infra requirements at client machines, this FTP based approach has been re-engineered to use HTTP(S).

In the proposed approach, file server accessible as file share from the web server will be used as document repository. Documents are uploaded from the client using HTTP / HTTPS.

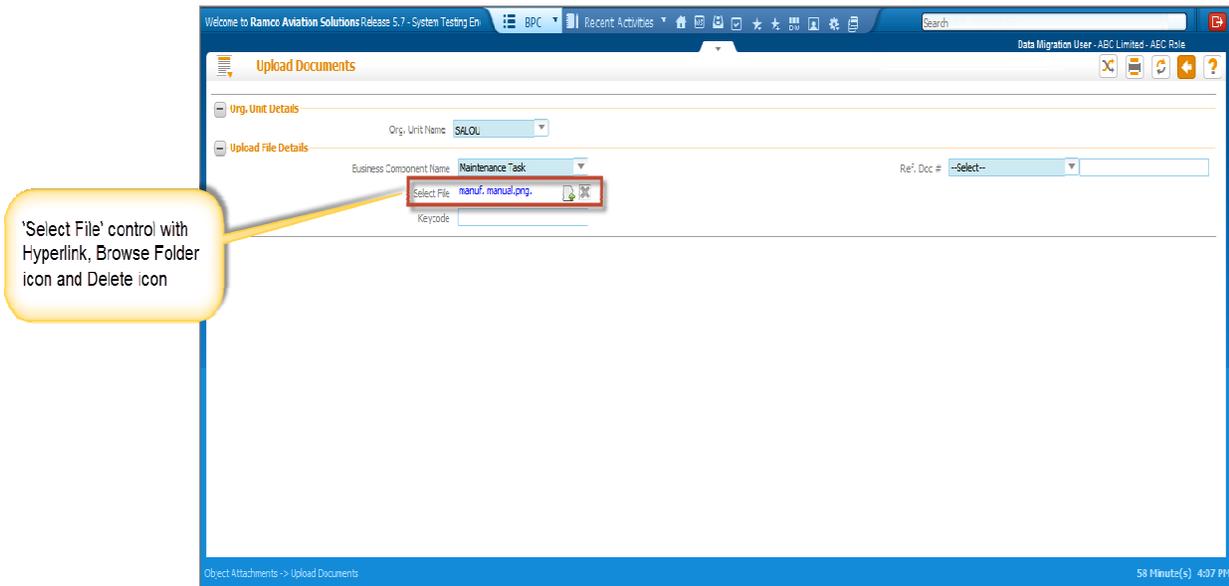
Change Details

This enhancement enables user to upload documents using HTTP / HTTPS. The new Upload Documents screen will have two sections:

1. Org. unit Details
2. Upload File Details

A new control 'Select File' is added in 'Upload File Details' section of **Upload Documents** activity which contains 'Browse Folder' icon and 'Delete' icon. The uploaded file will be displayed as hyperlink in 'Select File' control. User can view the uploaded file using this hyperlink.

Exhibit 1: Modified Upload Documents screen

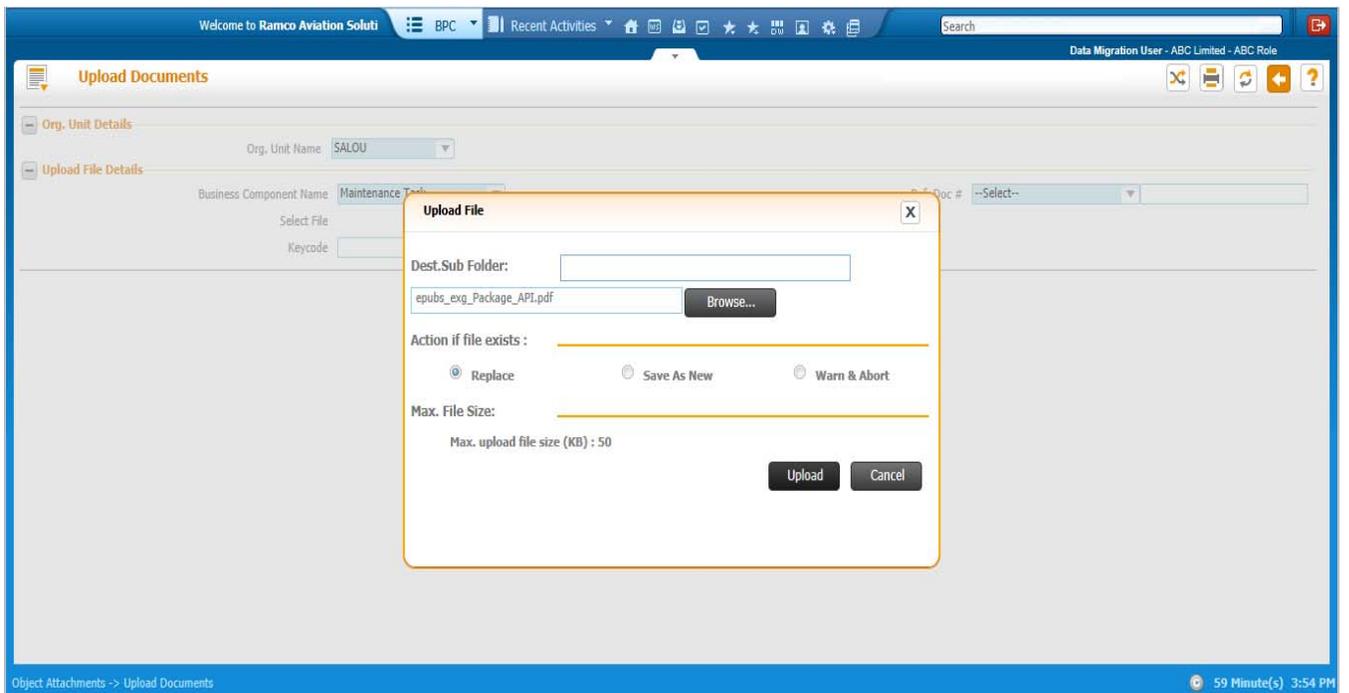


Clicking on the 'Browse Folder' icon will launch 'Upload Files' pop-up screen which enable user to upload files from local disk or the Intranet (shared network folder) to destination sub folder defined in **Set Options** activity.

The system provides following three options when user tries to upload an existing file:

1. Replace - The Uploaded file replaces the duplicate file in the destination folder
2. Save As New - The uploaded file is saved as a new file in destination path
3. Warn & Abort – The system aborts the upload action with a warning message.

Exhibit 2: Upload Files screen



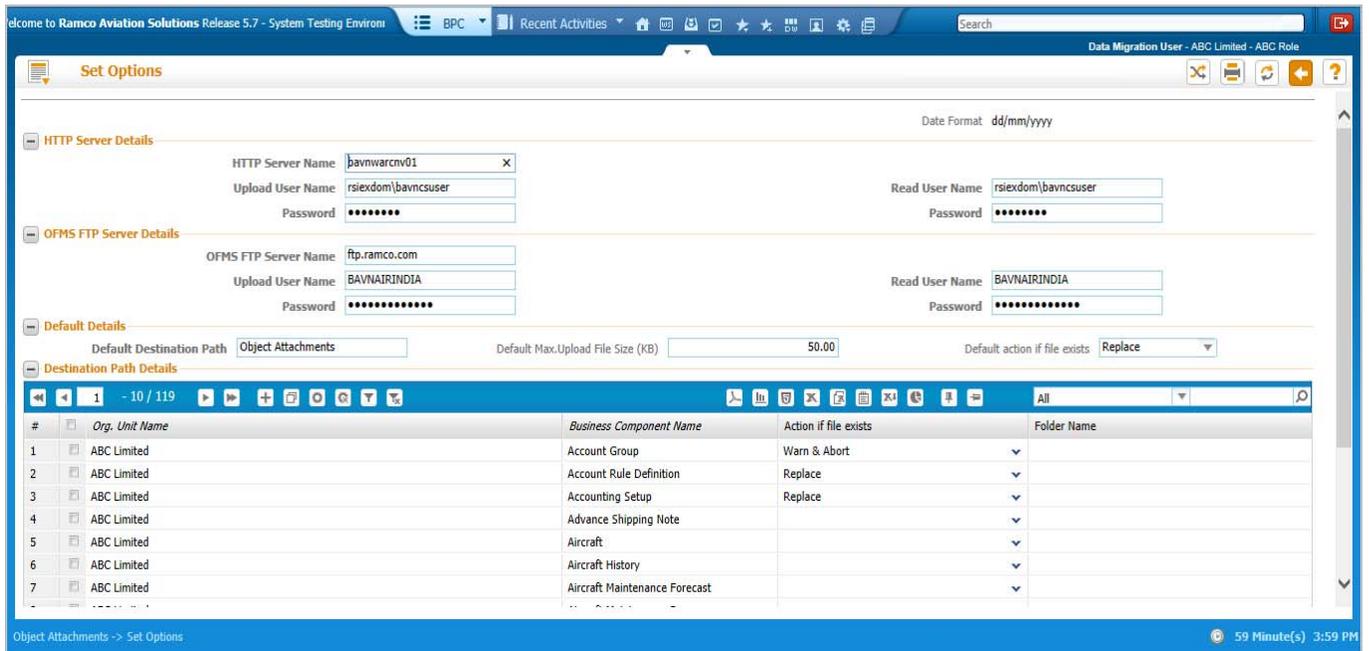
The Object Attachment **Set Options** activity has been modified as part of this enhancement. The new **Set Options** page comprises three newly added sections such as:

1. HTTP Server Details
2. OFMS FTP Server Details
3. Default Details

 *Note: OFMS FTP Server Details will be enabled only for 'Offline Field Management System' Applications)*

'HTTP Server Details' and 'OFMS FTP Server Details' section captures credential details of HTTP and OFMS FTP servers respectively. Controls in Upload files screen can be defaulted using 'Default Details' section.

Exhibit 3: Modified Set Options screen



Note: Folder Name mentioned in Destination Path details multiline refers to folder defined under the path entered in the Default Destination Path.

Kindly refer to the file "Document Attachment Feature - ReadMe.pdf" available in "Rel5.7.1.11\ManualDeployment\Docattach Document" folder to know more about the Configuration Setup details.

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