





Ramco Aviation Solution

Version 5.7.2

Enhancement Notification

Materials



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WHAT'S NEW IN STORAGE ADMINISTRATION?

Enhancement in Warehouse Planning Parameters screen

Reference: AHBF-1937

Background

Warehouse Planning Parameter facilitates definition of planning levels for stock replenishment in a Warehouse i.e., Min-Max or Reorder levels. To improve the effectivity of the screen following business requirements from different customers are addressed.

- To display current stock quantity including alternates
- To facilitate definition of planning parameters for parts that are newly inducted / missed
- To facilitate review of part exceptions where current stock is lesser than Min Qty / Reorder Level etc.
- Provision of links to view replenishment documents i.e., MR, PR and PO
- To change the Planning Type from Min-Max to Reorder Level at Warehouse

Change Details

A new option 'Allow Warehouse level Planning Type to be different from Part level Planning Type?' is added in the **Set Inventory Process Parameters** screen. The option can be set as "Yes" or "No". If the option is set as "Yes", planning parameter at the Warehouse level for a part can be defined as either Min-Max or Reorder Level irrespective of the Part level Planning Type defined. Currently, Planning Type for a Part needs to be same at Warehouse and Part Level.

In the Maintain Warehouse Planning Parameters screen,

- A combo 'Display Option?' is added in the Search Criteria section. This combo will be loaded with the following values.
 - o Stock<=Min./Reorder Level
 - Stock > Max. Level
 - Stock < Safety Stock
- A combo 'Planning Parameters Defined?' is added to retrieve the Parts based on the existence of Planning Parameter definition in the given Warehouse #.
- A column 'Stock Qty(Incl. of Alternates)' is added in the 'Part Planning Details' multiline and this column will display the sum of the Stock Qty of the given Part and it's alternate Parts in the given Warehouse.

- The non-editable field 'Planning Type' is modified into a combo and will be loaded with 'Min-Max' and 'Reorder Level'.
 - The user will be able to provide a Planning Type different from the value defined in the Part Administration business component, if the option 'Allow Warehouse level Planning Type to be different from Part level Planning Type?' is set as "Yes" in the Set Inventory Process Parameters screen
- Links are added under the multiline to launch the 'Inquire Stock Availability', 'View Part Supply Chain Performance' and 'View Material Count and Location Information' screens to supplement the Material Planner
- Link 'View Replenishment Documents' is provided to have a view of the Replenishment documents triggered for a Part in the given Warehouse

Similar changes are also made in the View Warehouse Planning Parameters screen.

Exhibit-I: Identifies the changes in the Maintain Warehouse Planning Parameters screen

Ware	nou	se Planning Para	neter										3	< 🚍 🧔 🧲
- Sea	rch C	riteria												
			Part #				Part	Description				'Displa	y Option' and	
		Part Ca	ategory				Pla	anning Type Min-Max				Plann	ing Parameters	3
		Display C	option ?		v		Planning Paramet	er Defined? Yes		Y		Define	d?' Search crit	eria
- Pai	t Plar	nning Detai s	Stock <= Stock > M Stock < S	Min/Reorder Leve lax. Level afety Stock	21			Search						
-		1 - 10 / %			-							1 1	All	Q
#	0	Part # 👂	Part Descriptio	n	Planning Type		Stock UOM	Minimum Qty	P	Maximum Qty	Stock Qty (Ind.	of Alternates)	Replenishment Activity By	
1	0	0-0101-3-0006:3636	1 ELBOW	ELBOW	Min-Max	Y	EA	5.0	10	15.00	\frown	1.00	Stock Transfer	*
2	15	0-0103-3-4652:3636	IA SCREW		Min-Max	*	EA	5.0	0	10.00		0.00	Stock Transfer	*
3	10	0-0110-3-	ACOUSTICAL	AFT Y PANEL	Min-Max	*	EA	5.0	0	Display of	stock atv	0.00	Purchase Order	*
4	1 E	1001	Engine Blades		Min-Max	*	EA	1.0	10	Display 0	SIUCK YIY	0.00	Purchase Request	*
5	10	1002	Engine Blades		Min-Max	×	EA	1.0	0			0.00	Purchase Request	*
6	10	1009	Engine Blades		Min-Max	*	EA	1.0	0	4.00		6.00	Purchase Request	*
7	10	10102	capasitor		Min-Max	~	BOX	10.0	0	25.00		0.00	Purchase Order	~
8	10	1020-20102011	Engine propelle	er	Min-Max	Y	EA	1.0	0	5.00		0.00	Stock Transfer	~
9	10	1020-20102012	Engine propelle	er	Min-Max	*	EA	1.0	0	5.00		1.00	Purchase Order	*
10	13	1020-20102013	Engine propell	er	Min-Max	×	EA	1.0	0	5.00		0.00	Purchase Request	*
			New li	nks to sup	port planne	r	Set Wa	rrehouse Planning Para	met	rer				•
Inquire	tock /	Availability			View Part	Supp	ly Chain Performa	nce			View Materia	l Count and Locat	ion Information	
View Re	denisł	ment Documents												

To review replenishment documents for a part, after selecting the part from the multiline the link "View Replenishment Documents" needs to be clicked. Depending upon the value chosen for the field 'Replenishment Activity By' for the selected Part, the link will dynamically launch respective view screens as given below:

- Stock Transfer Select Material Request screen under View Material Request activity
- Purchase Request Select Purchase Request screen under View Purchase Request activity

 Purchase Order - Select Purchase Order screen under View Purchase Order activity

The above view screens are enhanced such that it will automatically retrieve replenishment MR, PR or PO if available. In order to achieve this, these view screens have been enhanced as explained below.

In the Select Material Request screen of the View Material Request activity,

- New columns 'Req. Qty' and Req. UOM' are added in the 'Search Results' multiline and these columns will display the Requested Qty of the Part and the Requested UOM respectively, provided Search is made with the 'View Part Info' check-box selected.
- When this screen is launched from 'Maintain Warehouse Planning Parameters' or 'View Warehouse Planning Parameters' screen, search will be automatically triggered after defaulting the following Search Criteria
 - Warehouse # Warehouse in which Planning Parameter is defined
 - Part # Part for which Planning Parameter is defined
 - o Status Open
 - o MR Class Replenishment
 - o Need Date: From/To Blank
 - View Part Info (Check-Box) Selected

Exhibit-II: Identifies the changes in the Select Material Request screen

Select Material Request							**	≍ 🗐 🖨 🧲
Direct Entry								
Material Request	#	View Materi	al Request					
- Search Criteria								
Material Reque	st #		Warehouse #	WH-HG-SER	Y	Status	Open 💌	· · · · · · · · · · · · · · · · · · ·
MR. C	Class Replenishment	Y	MR Priority		v	Need Date: From / To	1	8
MR 1	Гуре	T	MR Category		Ŧ	Requested By		
Ref. Document 1	Гуре	T	Ref Document #			Customer #		
Aircraft Re	eg #		Component #			Facility Object #		
Part # / Mfr. Pa	art # 1020-4013669		MR on Hold?		Y	Exchange MR?		T
Display Op	Include New Parts	*						
						New columns	s Req.	
				Search 🔽 🗤	ew Part Info	Oty and Reg	UОM	
Search Results						dity and hog		
al a 1 -8/8 > >	T 😨			<u>ا چ</u>		IA I	v	Q
# 🖸 Material Request #	Line #	Part #	Part Description	Req. Qty. Req.	. UOM Wareh	house # Need Date	e Statu	5
1 🖾 MR-000006-2011		3 1020-4013669	Crank Shaft	1.000 EA	WH-HO	S-SER 2011/07/1	8 Autho	rized
2 🖾 MR-000009-2011		3 1020-4013669	Crank Shaft	3.000 EA	WH-HO	G-SER 2011/07/1	8 Partia	ly Issued
3 E MR-000010-2011		3 1020-4013669	Crank Shaft	3.000 EA	WH-HO	S-SER 2011/07/1	8 Autho	rized
4 🖾 MR-000376-2013		3 1020-4013669	Crank Shaft	3.000 EA	WH-HO	G-SER 2011/07/1	5 Autho	rized

In the Select Purchase Request screen of the View Purchase Request activity,

- In the 'Search Criteria' section, the combos Warehouse #, Source and Display Option are added to retrieve the Purchase Requests
 - 'Source' combo will be loaded with the values identifying the trigger for the Purchase Request listed below, along with a blank value
 - Material Planning
 - Scrap
 - Replenishment
 - Direct
 - 'Display Option' combo will be loaded with the values identifying the current status of the PR with respect to Purchase document (i.e.)
 Purchase Order or Release Slip creation, along with a blank value
 - Uncovered PR
 - PR on Order
 - Open PR
- In the 'Search Results' multiline, columns are added to display the Requested Qty, Purchase UOM and Warehouse #
- When this screen is launched from 'Maintain Warehouse Planning Parameters' or 'View Warehouse Planning Parameters' screen, search will be automatically triggered after defaulting the following search criteria
 - Warehouse # Warehouse in which Planning Parameter is defined
 - o Part # Part for which Planning Parameter is defined
 - o Status Authorized
 - o PR Date: From/To Blank
 - Source Replenishment
 - View Part Info (Check-Box) Selected

ē	30	sect Purchase Request									
ear	ch Cri	iteria									
		Purchase Request #				PR. Ca	'New combos			Status Authorized	v
		PR Date: From/To	100 A		110 A	P	RType (Source' and		P	R Priority	v
		Warehouse# WH-H	3-SER	*		Exp			Expe	nse Type	v
		Part # / Mfr. Part # 0-1:09	058			Pa	'Display Option'		(le	er Status	*
		Ref Dogiment #				Work Cente	r = Q		×	Source Replanishment	
		iten bocanen #		<u> </u>		Hork Certa				Repletion interte	
	- n-										
ar	ch Re	suits									
ar (ch Re	1 -9/9 🕨 🍽 🍸 🕵) = 1 (× (× (×	890	Al	Ť	
ar	A Re	1 - 9 / 9 🕨 🗭 🍸 😨	PR Date	Part #	Mfr. Part #	Mfr. #	N 🛛 🕄 🛣 🗐 🔇	🕂 🖶 🔳	Qty	v Purchase UOM	Warehouse #
ar	A Re	1 - 9 / 9 P P 7 3	PR Date 22/07/2011	<i>Part #</i> 0-1:09058	<i>Mfr. Part #</i> 0-1	<i>Mfr. #</i> 09058	Part Description Part Description 0-1* OUTSIDE MICROMTR	Requested	All (<i>Qty</i> 1.000	Purchase UOM ea	Warehouse # wh-hg-ser
	I Contraction Cont	1 - 9 / 9 ► ► T 3 Purchase Request # PR-000009-2011 PR-000055-2011	PR Date 22/07/2011 26/07/2011	Part ≠ 0-1:09058 0-1:09058	<i>Mfr. Part ≢</i> 0-1 0-1	<i>Mfr. #</i> 09058 09058	Part Description 0-1° OUTSIDE MICROMTR 0-1° OUTSIDE MICROMTR	Requested	All <i>Qty</i> 1.000 1.000	Purchase UOM ea EA	Warehouse # wh-hg-ser wh-hg-ser
	th Re	1 -9/9 > > > > > > > > > > > > > > > > > >	PR Date 22/07/2011 26/07/2011 26/07/2011	Part # 0-1:09058 0-1:09058 0-1:09058	<i>Mfr. Part #</i> 0-1 0-1 0-1	Mfr. # 09058 09058 09058	Part Description 0-1° OUTSIDE MICROMTR 0-1° OUTSIDE MICROMTR 0-1° OUTSIDE MICROMTR 0-1° OUTSIDE MICROMTR	Requested	Qty 1.000 1.000 1.000	Purchase UOM ea EA ea	Warehouse # wh-hg-ser wh-hg-ser wh-hg-ser
		1 -9/9 ▷ ▷ ▼ Purchase Request # PR-00009-2011 PR-000055-2011 PR-000093-2011 PR-000093-2011	PR Date 22/07/2011 26/07/2011 26/07/2011 29/07/2011	Part # 0-1:09058 0-1:09058 0-1:09058 0-1:09058	Mfr. Part # 0-1 0-1 0-1 0-1	Mfr. # 09058 09058 09058 09058	Part Description 0-1° OUTSIDE MICROMTR 0-1° OUTSIDE MICROMTR 0-1° OUTSIDE MICROMTR 0-1° OUTSIDE MICROMTR 0-1° OUTSIDE MICROMTR NORW COLUMDRS (*P. OUTSIDE	Requested	All <i>Qty</i> 1.000 1.000 1.000 1.000	Purchase UOM ea EA ea EA	Warehouse # wh-hg-ser wh-hg-ser wh-hg-ser WH-HG-SER
		1 -9/9 ▶ ▶ ▼ Aurchase Request ≠ PR-00009-2011 ₽R-00009-2011 ₽R-00009-2011 PR-00009-2011 PR-00009-2011 ₽R-00009-2011 ₽R-00009-2011	PR Date 22/07/2011 26/07/2011 26/07/2011 29/07/2011 18/07/2011	Part ≠ 0-1:09058 0-1:09058 0-1:09058 0-1:09058 0-1:09058	<i>Mfr. Part ≢</i> 0-1 0-1 0-1 0-1 0-1	Mfr. # 09058 09058 09058 09058 09058	Part Description 0-1° OUTSIDE MICROMTR 0-1° OUTSIDE MICROMTR 0-1° OUTSIDE MICROMTR New Columns 'Reque	Requested	Qty 1.000 1.000 1.000 1.000 1.000 5.000	Purchase UOM ea EA ea EA ea	Warehouse # wh-hg-ser wh-hg-ser wh-hg-ser WH-HG-SER wh-hg-ser
		1 -9/9 >	PR Date 22/07/2011 26/07/2011 26/07/2011 29/07/2011 18/07/2011	Part # 0-1:09058 0-1:09058 0-1:09058 0-1:09058 0-1:09058 0-1:09058	<i>Mfr. Part ≢</i> 0-1 0-1 0-1 0-1 0-1 0-1 0-1	Mfr. # 09058 09058 09058 09058 09058 09058	Part Description 0-1° OUTSIDE MICROMTR 0-1° OUTSIDE MICROMTR 0-1° OUTSIDE MICROMTR 0-1° OUTSIDE MICROMTR New columns 'Reque Qty', 'Purchase UOW	Requested ested	All 2 Qby 1.000 1.000 1.000 1.000 1.000 10.000	Rurchase UOM ea EA EA EA EA EA	Warehouse # wh-hg-ser wh-hg-ser wh-hg-ser WH-HG-SER wh-hg-ser wh-hg-ser
		I -9/9 Image: Proceeding of the second sec	PR Date 22/07/2011 26/07/2011 29/07/2011 18/07/2011 18/07/2011 18/07/2011	Part # 0-1:09058 0-1:09058 0-1:09058 0-1:09058 0-1:09058 0-1:09058 0-1:09058	Mfr. Part ≠ 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1	Mfr. # 09058 09058 09058 09058 09058 09058 09058	Part Description 0-1° OUTSIDE MICROMTR 0-1° OUTSIDE MICROMTR 0-1° OUTSIDE MICROMTR 0-1° OUTSIDE MICROMTR 0-1° OUTSIDE MICROMTR 0-1° OUTSIDE MICROMTR New columns 'Reque Qty', 'Purchase UOM and 'Warehouse #	Requested ested	All (Qty 1.000 1.000 1.000 1.000 10.000 10.000	Purchase UOM ea EA EA EA EA EA EA	Warehouse # wh-hg-ser wh-hg-ser wh-hg-ser WH-HG-SER wh-hg-ser wh-hg-ser wh-hg-ser
ar		1 -9/9 >	PR Date 22/07/2011 26/07/2011 26/07/2011 29/07/2011 18/07/2011 18/07/2011 26/07/2011	Part ≠ 0-1:09058 0-1:09058 0-1:09058 0-1:09058 0-1:09058 0-1:09058 0-1:09058 0-1:09058	<i>Mfr. Part ≢</i> 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1	Mfr. # 09058 09058 09058 09058 09058 09058 09058	Part Description 0-1° OUTSIDE MICROMTR 0-1° OUTSIDE MICROMTR 0-1° OUTSIDE MICROMTR 0-1° OUTSIDE MICROMTR New columns 'Reque Qty', 'Purchase UOW and 'Warehouse #	Requested	All (Qty 1.000 1.000 1.000 1.000 1.000 10.000 10.000 10.000	Purchase UOM ea EA EA EA EA EA EA EA	Warehouse # wh-hg-ser wh-hg-ser WH-HG-SER wh-hg-ser wh-hg-ser wh-hg-ser wh-hg-ser

Exhibit-III: Identifies the changes in the Select Purchase Request screen

In the Select Purchase Order screen of the View Purchase Order activity,

- In the 'Search Criteria' section, a check-box 'View Part Info' is added to retrieve the details of the Ordered Part # along with the Purchase Order details
- In the 'Advanced Search Criteria' tab, a check-box 'Replenishment' is added to retrieve the Purchase Orders that are triggered for Replenishment purpose
- In the 'Search Results' multiline, the following columns to display the Part information are added
 - o Part #
 - o Part Description
 - o Qty
 - o UOM
 - o Schedule Type
 - o Earliest Due Date

Note: These controls will be visible only if the 'Search' is made with 'View Part Info' check-box selected

- When this screen is launched from 'Maintain Warehouse Planning Parameters' or 'View Warehouse Planning Parameters' screen, search will be automatically triggered after defaulting the following search criteria
 - o Warehouse # Warehouse in which Planning Parameter is defined
 - o Part # Part for which Planning Parameter is defined
 - o Date: From/To Blank

- Replenishment (Check-Box) Selected
- View Part Info (Check-Box) Selected

Exhibit-IV: Identifies the changes in the Select Purchase Order screen

•	Select Purchase Orde	Br								×	
Direct	Entry										
	Purchase Order #		View	Purchase Order							
earch	Criteria Additional Se	arch Criteria									
	Purchase Order #				РО Туре			PO	Status Open		1
	PO Category		V		Expense to	New	Check-Box	K Buyer	Group		
	Supplier #				Supplier Name	· Viev	v Part Info'	Creat	ed by		
	Part # / Mfr. Part #	0-0110-3-0205:36361			Part Description			Wareho	use # WH-HG-S	ER	
	Date: From / To	PO Date 🔻	1								
Search	Results				Search		🗹 View Part Info	J 'Vie	w Part II	nfo'	
	1 -4/4 🕨 📂 🔻					> 10	x & e C #	ai 🗐			
10	Purchase Order #	PO Date	PO Type	Supplier #	Supplier Name	Expense Type	PO Status	Warehouse #	Part #	PartDesc	ription
13	POA-000005-2011	18/07/2011	General	009P6	DETECTO SCALE CO	Revenue	Open	WH-HG-SER	0-0110-3-	BOLT	BOLT
10	POA-000226-2011	01/08/2011	General	009p6	DETECTO SCALE CO	Revenue	Open	wh-hg-ser	0-0110-3-	BOLT	BOLT
100	POA-000228-2011	01/08/2011	General	009p6	DETECTO SCALE CO	Revenue	Open	wh-hg-ser	0-0110-3-	BOLT	BOLT

WHAT'S NEW IN LOGISTICS COMMON MASTER?

Ability to maintain separate priority codes for Maintenance and Materials transactions

Reference: AHBF-2901

Background

In order to facilitate seam less flow of priority code from one document to another, generated downstream in a business process, priority codes needs to be common across documents and functions. For example, priority of an execution document need to flow as the priority of the MR created against the execution document. Definition of separate distinct priority code for Maintenance and Materials transaction is not supported in R5.7. However, the requirement from one of the Operators is to maintain separate priority codes for Maintenance and Materials transaction.

Change Details

In order to address the specific need, a new set option 'Maintain separate Priority Codes for Materials and Maintenance?' is added under the Category "Priority Code" in **Set Inventory Process Parameter** activity under **Logistics Common Master** business component. The option can be set as "Yes" or "No". For all existing customers, migration script will be provided to set the option as "No" so that unified priority code can be maintained. Also, validation has been introduced to restrict changing the option from Yes to No or vice versa.

For specific customers, who would want to maintain separate priority code for Maintenance and Materials, script will be provided to set the value for the option as "Yes". Secondly, once the list of distinct priority codes are identified, Ramco will provide a script to update and maintain them separately. Once the priority codes are maintained separately, any change to existing priority code or addition of new priority code can done only through the scripts which will be provided based on request.

In the event where priority codes are maintained separately, priority code from one document will not flow to another. For example, when an MR is automatically generated during Maintenance Execution, MR priority will be set as "Normal" by default irrespective of the priority code of the corresponding Task. Similarly, when a PR is processed for an MR from Plan Material screen, MR priority will not be passed as PR priority i.e., PR priority will be blank.

Exhibit V: Identifies the new option added in Set Inventory Process Parameters screen



WHAT'S NEW IN PURCHASE ORDER?

Ability to persist UOM Conversion Factor in PO and use the Conversion Factor to update Stock during Receipt

Reference: AHBF-80

Background

Purchase Order facilitates ordering parts in a Unit of Measure (UOM) different from the Stock UOM, if conversion factor is defined between these UOM. Conversion factor is used to update Due In Qty during PO authorization, square off Due In Qty during receipt and to calculate the Stock Qty during GI movement. Modification of conversion factor results in data corruption affecting Due In Qty and Stock Qty. Restricting the user from modifying conversion factor would be limiting as it is not possible to close all open PO. This feature is introduced to ensure that Conversion Factor available during authorization of PO is consistently used to update or square off Due In Qty and to calculate at the Stock Qty.

Change Details

With the introduction of the feature, conversion factor defined between Purchase UOM and Stock UOM will be saved in the PO document against the Part # and it will be used to,

- Update Due In Qty upon authorization of PO
- Square off Due In Qty upon PO amendment
- Square off Due In Qty during Receipt
- Calculation of Stock Qty during GI movement

Also, a new validation has been added to restrict changing the Stock UOM for a Part if the Part is available in an Open PO.

Ability to search PO based on Authorized Date in View PO screen

Reference: AHBF-1875

Background

As the case with any Operator/MRO, Purchase Order requires multiple levels of approval based on the Order Value. At times, approval of PO gets delayed and the PO document gets struck with different level of authorizers. This in turn delays the release of PO to the Supplier and thus affects delivery schedules.

In the **Select Purchase Order** screen under **View Purchase Order** activity, PO Authorized Date needs to be displayed so that Buyer could review PO Authorized Date in conjunction with the PO Date. Also, an ability to search Purchase Orders based on Authorized Date is required.

Change Details

In the Search Results multiline of **Select Purchase Order** screen under **View Purchase Order** activity a new column "Authorized Date" is added. The latest Authorized Date of the PO will be displayed as applicable based on PO status. For Purchase Orders that are under authorization or under amendment post authorization, the column "Authorized Date" will be blank.

In order to facilitate search of PO based on authorized date, a new drop down "Date: From / To" is provided in the Search Criteria section. This drop down will be loaded with the values; PO Date and PO Auth. Date. If the value "PO Auth. Date" is chosen and Search button is clicked, then, system will retrieve those Purchase Orders that are authorized during the From and To Date range specified.

Exhibit VI: Identifies the changes in Select Purchase Order screen under View Purchase Order activity

Select	t Purchase Order								xe	1 2 5
- Direct Entry										
p	lurchase Order #		Vew Pu	rchase Order						
Search Criter	a Additional Search Criter	ria	<u> </u>							
	Purchase Order #		Search	h based or	PO Type		v	PO Statu	Open	Ŧ
	PO Category		Author	rized Date	Expense to		v	Buyer Group		Ŧ
	Supplier #		/ (011101	Lou Duto	Supplier Name			Created by		
	Part # / Mfr. Part #			\neg	Part Description			Warehouse #	£ [
Search Resul	-10/31 P P Y	9			Search		Wew Part Info	Aut	norized Da	ite
a D Auroh	uase Order #	PO Date	PO Type	Suppler #	Suppler Name	Expense Type	PO Status	Warehouse #	Authorized Date	1
1 10 POAK	000030-2014	7/1/2014	Exchange	00000	ORDNANCE CORPS	Capital	Open	TULES	22/7/2014	
2 D POA4	000144-2014	31/1/2014	General	00198	PRATT & WHITNEY CANADA	Revenue	Open	HARD	22/7/2014	
3 10 POAK	000148-2014	3/2/2014	General	00198	PRATT & WHITNEY CANADA	Revenue	Open	MULTIPLE	22/7/2014	
4 10 POA4	000752-2014	18/6/2014	Express	00198	PRATT & WHITNEY CANADA	Revenue	Open	0123	18/8/2014	

WHAT'S NEW IN REPAIR ORDER?

Ability to search RO based on Authorized Date in View RO screen

Reference: AHBF-1875

Background

As the case with any Operator, Repair Order requires multiple levels of approval based on Repair Quote. At times, approval of RO gets delayed and the RO document gets struck with different level of authorizers. This in turn delays the entire repair process thus affecting timely delivery of parts after repair.

In the **Select Repair Order** screen under **View Repair Order** activity, RO Authorized Date needs to be displayed so that Repair Buyer / Administrator could review RO Authorized Date in conjunction with the RO Date. Also, an ability to search Repair Orders based on Authorized Date is required.

Change Details

In the Search Results multiline of **Select Repair Order** screen under **View Repair Order** activity a new column "Authorized Date" is added. The latest Authorized Date of the RO will be displayed as applicable based on RO status. For Repair Orders that are under authorization or under amendment post authorization, the column "Authorized Date" will be blank.

In order to facilitate search of RO based on authorized date, a new drop down "Date: From / To" is provided in the Primary Search Criteria section. This drop down will be loaded with the values; RO Date and RO Auth. Date. If the value "RO Auth. Date" is chosen and Search button is clicked, then, system will retrieve those Repair Orders that are authorized during the From and To Date range specified.

Exhibit VII: Identifies the changes in Select Repair Order screen under View Repair Order activity

Select Repair On	der							× 🖶 🕫
Sirect Entry								
Repar	Order #	View RO						
rimary Search Criteria	Advanced Search Criteria							
Repar 9	Order #		Shop Job Type		· · ·		Status	Authorized 👻
Date: Fr	om/To HO AUTILOS X Y	21/07/201- 21/08/201-	Repair Shop #				Repair Shop	
Duye	Group RO Date	*	RO Category		14		Customer #	
Part # / Mfr.	Part # RO Auth.Date	^	Serial #				Lot #	
Expens	se Type		RO Type		*		Priority	
Ref. Documer	nt Type		Ref. Document #			Customer Au	thorization Status	Ψ.
earch Results		Authorized	Date Search	53 D		0 - 0	Autho	orized Date
Repair Order #	Repair Order Da	te Repair Shop	# Repair Shop	Part #	Mfr. Part #	Serial #	Shipped ?	Authorized Date
E REP-000431-2014	21/08/2014	00198	PRATT & WHETNEY	Multiple			Yes	21/08/2014
E REP-000400-2014	30/07/2014	00198	PRATT & WHETNEY	Multiple			Yes	30/07/2014
FI DED.000418-2014	19/08/2014	00198	PRATT & WHETNEY	M dirie			Ves	19/08/2014
100 000 100 2021	*s/oules * i		Transfer and the second second	1 har spine				estoniese.

Facility to identify and ship Spare Parts even after Shipment of Main Core for External Repair

Reference: AHBF-2145

Background

At times when spare parts required for Repair is not available with the Repair Agency or when there is a delay in procurement of spares which could affect repair lead time; Repair Agency will request the Operator/MRO to provide spares. Currently, spare parts need to be identified upfront along with the main core in the Repair Order and there is no provision to identify and ship spares parts once the main core is shipped to Repair Agency. Business need is to provide a capability to identify and ship spares at any stage in the RO process.

Change Details

A new set option 'Allow shipment of Spares until receipt of Main Core Parts' is added for the Category "Repair Order" in **Purchase Option Settings** screen under **Logistics Common Master** business component. The option can be set as "Yes" or "No". If the option is set as "Yes", Repair Order can be modified to identify spares even after shipment of main core.

In the **Select Repair Order** screen under **Edit Repair Order** activity, if the value in the Action drop down is selected as "Edit RO after Issue Confirmation", the statuses 'Amended', 'Confirmed' and 'Authorized' will be loaded in addition to the existing values.

inact Entry							
imary Search Criteria Advan	Repair Order #	Edit RO		'Auth	orized'		
Action Repair Order # Repair Shop # Part # / Mfr. Part # Part Type Ref. Document Type	Edit RO after Issue Confirmation http://doi.org/10.1014	Shop Job Type RO Category RO Date: From Serial # Part Category Ref. Document #	Component	status in the	s loaded Status	Status Authorize Buyer Group RO Date To Lot # Customer #	ed V
earch Results	6 0 0 7 2	Se	arch) XJ 🗍 🗃	Al V	٩

Exhibit VIII: Identifies the changes in Edit Repair Order entry screen

In the Edit Repair Order screen,

- The Spares drop down value will be allowed to be changed from "No" to "Yes" depending on the option set if main cores are not received against the Repair Order. Also, a notification message will be provided to the user if the 'Spares' is set as "Yes" to provide Spare Part details in the **Edit Terms and Conditions** screen.
- The Spares combo modification from "Yes" to "No" will be permitted only if the RO status is Draft or Fresh.

In the Edit Terms and Conditions screen,

- The 'Spares Shipped' combo will be enabled irrespective of Repair Order status. Also the combo is changed as a UI Combo.
 - If this combo is modified from "No" to "Yes" for a RO in status other than Draft or Fresh, it will be ensured that there are no receipts recorded for the main core part and that the option 'Allow shipment of Spares until receipt of Main Core Parts' is set as "Yes" in the Logistics Common Master business component.
 - If the 'Spares Shipped' combo is selected as "Yes", then the following combos will be loaded.
 - 'Ship Spares by' in the Repair Order details section.
 - 'Spares Return', 'Return Spares by', 'Shipping Payment' and 'Packaging Code' in the 'Inbound Shipment and GTA Details' tab.
- The columns 'Warehouse #' in the 'Spares Shipped' tab is renamed as 'From Warehouse #' and 'Return Warehouse #'
- A new column 'Released for Shipping?' is added in the 'Spares Shipped' tab
 - This column will display "Yes", if the Spare part is already released for shipping and "No", otherwise.
- On click of 'Edit Terms and Conditions' button, a notification will be provided to the user to release the repair order for shipping, if additional spare parts are added or spares are identified for the first time.
- If a Spare part is removed, then it will be ensured that there exists no stock issue for that Spare Part.
- Upon Release for Shipping, automatic Stock Issue for additional / new Spare Parts will be generated.

Repair Order Details					
	Repair Order # AFRO-000001-201			Amendment # 0	
	Currency CAD	Spares Shipped		Status Fresh	
	Repair Shop # M1528	combo made as		Shipping Contact 👂 0001	- FERDINAND ULRICH
	Email	a I II combo		Fax 514-6	31-6122 😯
	Ship To Address Id 1-PURCHASE			Ship To Address 9912	COTE DE LIESSE, LACHINE, PQ, H8T 1A1, CANADA
	Ship Core By AS PER MS			Packaging Code bag	T
	Spares Shipped No 💌			Ship Spares By	
	RMA #			RMA Date	
Part Details	Dart # 0-20INCH-57163	Warehouse	# caption	Part Description GA	Warehouse # caption
	Mfr. Part # 0-20INCH	changed as	'From	Sarial # 150	changed as 'Peturn
	Component # COMP-19	changed as	"	Condition Ser	
Terms and Conditions Inbou	nd Shipment and GTA Details Spares	Shipped	#	Condition	vvarenouse #
Spares Shipped				L	
4 4 1 -1/1 ▶ ▶				6 🖷 🖷 🗛	
# 🖾 Part # 👂 Part De	scription Qty. UOM 🔑 Stock Statu	s Location From Warehouse	# 👂 Return Type	Return to Locatio	n Return Warehouse # 🔎
1 🗇 0-15	2.00 EA Accepted	✓ ABC Limited ✓ YULCS	Returnable	✓ ABC Limited	VULCS
2	Accepted	ARC Limited	Non Returnable	ARC Limited	

Exhibit IX: Identifies the changes in Edit Terms and Conditions screen

In the **Authorize Repair Order** screen, validation is added to restrict authorization of RO when the identified spare parts are not released for shipment.

Note:

✓ Additional spare parts or new spare parts can be added through Edit RO route or during recording of Quotation or Amendment of RO Quotes using the Edit Terms and Conditions link.

Ability to Record and Account Exchange Cost for a Piece Part Repair Order separately from the Repair Cost

Reference: AHBF-156

Background

Though Repair Order process supports 'Flat Exchange' and 'Exchange with Repair', Exchange Fee and Repair Cost can distinctly be provided only if the Shop Job Type is "Component". Similar feature needs to be supported for "Piece Part" Repair Order. Secondly, system should have a provision to account Exchange Fee and Repair Cost to different accounts. Currently, Exchange Fee and Repair Cost could be accounted to only one account.

Change Details

In order to facilitate entry of Exchange Fee and Repair Cost separately for Piece Part Repair Orders following changes are done.

In the Record Quotes screen,

- The "Total Cost" column in the Maint. Object Details multiline has been renamed as "Repair Cost"
- A new Editable column "Exchange Cost" is added next to the "Repair Cost" column
- The "Exchange Fee" field available in the Quotation Details section is removed

In the Amend Quotes screen,

- The "Total Cost" column in the Maint. Object Details multiline has been renamed as "Repair Cost"
- A new Editable column "Exchange Cost" is added next to the "Repair Cost" column in the Maint. Object Details multiline
- A new Display Only column "Invoiced?" is added next to the "Stock Status" column in the Maint. Object Details multiline
- The "Exchange Fee" field available in the Quotation Details section is removed

In the View Quotes screen,

- The "Total Cost" column in the Maint. Object Details multiline has been renamed as "Repair Cost"
- A new Display Only column "Exchange Cost" is added next to the "Repair Cost" column in the Maint. Object Details multiline
- A new Display Only column "Invoiced?" is added next to the "Stock Status" column in the Maint. Object Details multiline
- The "Exchange Fee" field available in the Quotation Details section is removed

Based on the RO Type and Exchange Type, system will appropriately enforce or restrict entry of Exchange Fee and / or Repair Cost.

Account Rule Definition

- Consumption Account Definition for Repair Order Event has been enhanced with option to capture Repair Cost and Exchange Cost under separate Account codes.
- Exchange Cost can be selected only for the events Repair Order and Repair Order for Non-Component. (Refer exhibit: III)

Repair Receipt / RO Accounting

Repair Receipt and RO Amendment Accounting has been enhanced to record the accounting as below,

- Repair Cost, BER Cost and Salvage Value will be accounted in the account code defined for the entity "Ext. Repair Repair Cost"
- Exchange Cost will be accounted for the Account Code defined for the entity "Ext. Repair – Exchange Cost"

Ability to Amend Repair Cost post Invoicing

Reference: AHBF-156

Background

In the normal course of repair exchange, Exchange Fee quoted by the Repair Agency is recorded in the RO. Exchange Fee is invoiced and paid to the Repair Agency, post receipt of Exchange unit. It happens that, at a much later time, Repair Agency sends an invoice for Repair Cost of the unserviceable unit that was exchanged. Currently, there is no provision to amend the RO to record the Repair Cost. Also, to facilitate payment for Repair Cost a direct invoice needs to be processed which will not have Repair Order reference. Business need is to facilitate amendment of a Repair Order to allow recording of Repair Cost and facilitate payment through Order based Invoice.

Change Details

In the **Amend Quotes** screen, a string of cost elements that is already invoiced will be displayed under the "Invoiced?" column. For Example, if Invoice is raised for Repair Cost and Exchange Cost, the "Invoiced?" field will display "Repair Cost | Exchange Cost".

Following option settings have been added under the Category "Repair Order" in the **Purchase Option Settings** screen.

- Allow Cost Amendment of Invoiced RO.
 - If the option is set as 'Allowed', then the Cost Entity that is not yet Invoiced (as identified from the "Invoiced?" string) can be amended in the Amend Quotes screen.
 - If it is set as 'Not Allowed', then the any Cost Entity cannot be amended, if at least one of the Cost Entities is invoiced.
- Enforce additional Security for Cost Amendment of Invoiced RO
 - If the option is set as 'Allowed', then the Amendment of the Cost Entity that is not yet Invoiced shall be allowed only if the Role of the Login User has access to the "Manage Cost Amendment of Invoiced RO" activity.
 - If the option is set as 'Not Allowed', then the Amendment of the Cost Entity that is not yet invoiced will be allowed to all the Roles having access to Amend Quotes activity.

Note:

✓ A new activity "Manage Cost Amendment of Invoiced RO" has been added under the Repair Order business component to configure specific roles who could amend a Cost Element on an already invoiced Repair Order.

Reco	Customer Authorization Status Maint: Object & Quotation Details Maint: Object Details					Warranty Details	a) Total Cost i "Repair Cost" b) New" Excha	s renamed a	S -			
	laint.	Object De	tails				column					
-	•	1 - 2 /	2		0072				L 🗉 🗊	K	💼 💴 🕒 💷 🚍	All
#	B	Line #		Part #	Mfr. Part #	Repair Cost	Exchange Cost	BER Quantity	BER Co	ost	Salvage Action	Salvage Value / Unit
1	E		1	TESTRO0004		<u> </u>)				¥	
2	E		2	TESTRO0006							¥	
3	Ð										*	
	histori	Hon Datail			<							

Exhibit-X: Identifies the changes in the Record Quotes screen

Exhibit-XI: Identifies the changes in the Amend Quotes screen

Amend Quotes						🏋 🔀 🚍 💋
- Repair Order Details						
Repair Order #	AFRO-000007-2011			Amendment	# 2	
Repair Order Date	2011/07/18			RO Stat	us Confirmed	
Priority	EXP			Quote Ba	sis Manual	
Repair Shop # 👂	M1528			Repair Sh	op ULRICH METROL	OGY INC
Contact Person 👂	OV01 - FERDINAND ULRICH			Phone	<i>=</i> 514-631-6653/,	
RO Type	Exchange 🔻			Exchange Ty	pe With Repair	T
R0 Category	R a) Tot	al Cost is re	enamed as	User Stat	us	V
Ref. Document Type	"Popp	ir Coct"		Ref. Document	#	
Work Center #	Repa		• ""	Shop Job Ty	pe Component	
Expense Type	Revenue b) Nev	w" Exchang	e Cost"	CAPEX Proposal	#	New celumn
Move To	Warehouse Colum	n		Repair Classificati	on	New column
Customer Quote #				Customer Authorization Stat	us	Invoiced?
Maint. Object & Quotation Details Supplier, Part	& Warranty Details				L	
- Maint. Object Details						
					AI	
# E Line # Part # Mfr. Part #	Repair Cost	Exchange Cost	BER Quantity	BER Cost Salvage Action	Invoiced	lp l
1 0-20INCH:57163 0-20INCH	80.00	70,00			_	
2)		*	

Exhibit-XII: Consumption Account Definition for Repair cost and Exchange Cost.

ince Book AR	CPEB1 V	Effective from Date	11	Entity Accounted	3	aterial X
Account Definition for Aircraft Mainte	nance				E	xt. Repair-Repair Cost
🖪 [No records to display] 🕨 🕨	+ - 0		😕 🗉 🗟	C 🖄 🗶 🗐 🖻	All	xt. Repair-Exchange Cost
E Event	Document Class	Document Category	Document Typ	e	Task Type	laterial ithore
A/C Maint. Exe. Ref #	*	¥	¥	New entity	R	esources
<						
🔹 [No records to display] 🕟 🗭	+ - 0 - 1 3		<mark>> ш б</mark> х		All	¥
E Event	Order Type	Order Category	Planning Base			Maintenanc
Event Hangar WO	Order Type	Order Category	Planning Base			Maintenanc •
Event Hangar WO	Order Type	Order Category	Planning Base			Maintenanc
Event Hangar WO Kcount Definition for Component/No nt #p	Order Type	Order Category	Planning Base			Maintenanc
Event Hangar WO Kcount Definition for Component/No nt ≠ p ■ 1 -3/6 > p + ■	Order Type	Order Category	Planning Base	6 8 2 2	Al	Maintenanc
Event Hangar WO Account Definition for Component/No unt # 1 -3/6 > 10 + Event	Order Type	Order Category	Planning Base	f ii X 🕽 🖛	All	Maintenanc V Maintenanc

Ability to View Repair Cost History and Manage Repair Shop Correspondence

Reference: AHBF-156

Background

Link to **View Repair Cost History** screen needs to be provided from View Repair Order screen.

Also, link to Maintain Repair Shop Correspondence screen needs to be provided from the following screens,

- Edit Repair Order
- Amend Quotes
- View Repair Order

Change Details

In the Edit Repair Order screen, a link to launch the Manage Repair Shop Correspondence screen is provided.

In the Amend Quotes screen, a link to launch the Manage Repair Shop Correspondence screen is provided.

In the View Repair Order screen, the following links are provided,

- View Repair Cost History
- Manage Repair Shop Correspondence

								0
			<u>ک</u> ا		# # W	All		D,
# C Repair Process Code	Maintenance Type	Work Unit # 🔎	Work Unit Type	Part # 🔎	Serial # P	Comments	Mfr. Part # 👂	N
1 📰 Bench Check	*	001-003-01	Task	✓ 011-101		Bench Check of the		
! 🖾 02121	*		Task	*				
						Link to launch	Repair	
						Link to launch Shop Corresp	Repair ondence	
Reason for Cancellation						Link to launch Shop Corresp screen	Repair oondence	
Reason for Cancellation	Edit RO				Cancel RO	Link to launch Shop Corresp screen	Repair pondence	
Reason for Cancellation	Edit R0	idit Discrepancies			Cancel RO Generate RO Rep	Link to launch Shop Corresp screen	a Repair pondence	

Exhibit-XIII: Identifies the changes in the Edit Repair Order screen

Exhibit-XIV: Identifies the changes in the Amend Quotes screen

Amend Quotes				🏋 ≍ 🚍 🧔 🇲
Currency	CAD *	Exchange Rate	1.00000000	
Component List Price	10,000.0000			
Est. Man Hrs.	5.00	Cost / Man Hr.	100.0000	
Labor Cost	500.0000	Total Labor Cost		
Material Cost	2,000.0000	Total Material Cost		
Misc. Cost		Total Repair Cost	2,500.0000	
Total Cost	0.0100	Base Currency Value	CAD	0.0100
Remarks	Parts sent for Repair to comply HW-SB-00	1-1	*	
Quotation Comments			2 📝	
Customer Comments			2	
★ Document Attachment Details Link to la Shop Co screen	unch Repair rrespondence	Amend Quotes	Confirm RO A	mendment
Amend Material Cost	Amend Reported Di	screpancies Amend Terms	and Conditions	
Amend TCD Maintain Repair Shop Correspondance	Amend User Define	d Details Generate RO	Report	
View Repair Cost History	View Parameter Inf	ormation View Quotatio	on History	
View Issue List	View Part Supply Ch	nain Performance		

Exhibit-XV: Identifies the changes in the View Repair Order screen

/iew I	tepa	air Order							*	× 🗐 🗘
-	4	1 -5/9 🕨 📂 🏋 🈿			3			Ali	.	Q
#	Ē	Repair Process Code	Maintenance Type	Wark Unit #	Work Unit Type	Part #	Serial #	Comments	Mfr. Part #	Mfr. #
1	10	02121	Inspection	001-56-VMV	Task	0-0511-3-	302		0-0511-3-0001	99DND
2	E	02121	Inspection	02-AAR-X00-00-000002	Task	0-0511-3-	302		0-0511-3-0001	99DND
3	1	02121	Inspection	03-STD-X00-00-	Task	0-0511-3-	302		0-0511-3-0001	99DND
4	10	02121	Inspection	03-STD-X00-00-	Task	0-0511-3-	302		0-0511-3-0001	99DND
5	D	02121	Inspection	03-STD-X00-00-	Task	0-0511-3-	302		0-0511-3-0001	99DND
		4								÷.
laintain	Repa	sir Shop Correspondance	Link to launch Repa Correspondence sc	ir Shop reen				Lin	k to launch R st History scr	epair een
ew Qu	otes		-	/iew Terms and Conditions			View Discrepa	ncies		
iew Par	amete	er Information	1	liew User Defined Details			View Acknowle	edaement	\leq	
iew RR	List			/lew Issue List			View Repair O	ost History	J	
iew Wa	rrant	y Claim	l	Jpload Documents			View Associate	ed Doc. Attachmen	ts	
iew Shi	ping	Note		/iew Advance Shipping Note Informa	tion		View Invoice			
enerat	ROI	Report								

WHAT'S NEW IN GOODS INWARD?

Ability to Reverse the Confirmation of a Receipt / Inspection

Reference: AHBF-368

Background

Goods Inward is a three stage process.

- Receiving
- Inspection
- Movement / Binning of Goods

In the Receiving sub-process Goods Receipt is created by providing Part / Serial – Lot details. Once the receipt is confirmed the parts are available for inspection. Once the parts are inspected and accepted, it is binned in the respective storage area in the receiving warehouse.

Currently, if any erroneous data entry is made during the Receiving or Inspection process, there is no means to correct it if Receiving or Inspection is confirmed respectively. This reduces the efficiency in the Goods Inward process. Business Requirement is to have an ability to Reverse the Confirmation of a Receipt and/or Inspection, to correct the receipt details.

Change Details

New options have been introduced in the **Set Inventory Process Parameters** screen under the category 'Goods Inward' to allow the Reversal of Confirmation of a Receipt and/or Inspection.

- Allow reversal of Receipt
- Allow reversal of Inspection

In the **Manage Goods Receipt** screen, a button 'Reverse Receipt' is added to support reversal of confirmation of a Receipt. In **Inspect Parts** screen, a button 'Reverse Inspection' is added to support reversal of confirmation of Inspection of a Receipt.

Reversal of Receipt is supported at Part Level, whereas Reversal of Inspection is supported at Part – Serial / Lot level.

When the Reverse Receipt button is clicked, the following will be made;

- Validation to ensure that the option 'Allow Reversal of Receipt' is set as 'Yes'
- Validation to ensure that the Part for which receipt is reversed is not Inspected or Moved to stock
- Reversal Instance will be generated and the Receipt details during reversal will be saved

- The Status of the Received Parts will be reverted back to 'Pending Receipt Confirmation' and based on the reversal of Part status, if all the Parts attain the status 'Pending Receipt Confirmation', the Receipt document will attain 'Pending Receipt Confirmation' status.
- The other updates made during the Confirmation of Receipt in the Vendor Rating, Reference Document (i.e.) Purchase Order or Repair Order or Customer Order, Modification made in the Issued Component when a Repair Receipt is made will be reverted.

When the Reverse Inspection button is clicked, the following will be made;

- Validation to ensure that the option 'Allow Reversal of Inspection' is set as 'Yes'
- Validation to ensure that the Part for which Inspection is reversed is not moved to stock
- Validation to ensure that the Part for which Inspection is reversed is not Invoiced or Capitalized
- Validation to ensure that the Parts received against document having a Customer Order reference is not reversed
- Validation to ensure that the Reference Document is not under the process of amendment
- Reversal Instance will be generated and the Receipt Details during reversal will be saved
- The Status of the Received Parts will be reverted back to 'Received Pending Inspection' and the document status will be managed as per the status of all the Received Parts
- The finance postings made for the accepted Qty in the receipt will be reversed
- Apart from the above, following update made during the Confirmation of Inspection will be reversed; Vendor Rating Update, Ref. Document Status Update, Reversal of Compliance if system had automatically updated compliance based on the option. However, PV update and Configuration build etc. done by the inspector will not be reversed and it needs to be manually corrected as required/applicable.

Accounting Impact

Reverse Receipt

- The finance postings if posted for the received Qty during Confirm Receipt for the line will be reversed.
 - For E.g.
 Supplier Suspense Pending Inspection a/c Dr
 Purchase Cost/Repair Cost a/c Cr

Reverse Inspection

- The finance postings posted for the accepted Qty during Confirm Inspection for the receipt line will be reversed.
 - For E.g.
 - Supplier Suspense a/c Dr Purchase Cost/Repair Cost a/c Cr
- Reversal of Inspection will not be allowed once the part is invoiced, even though the Invoice is in Fresh Status.
- Reversal of Inspection will not be allowed once the Goods Inward document is capitalized, even though the Capitalization Voucher is in Fresh Status.
- View Account Balance break-up info will be reversed for the transit accounts (e.g. exchange Suspense, Stock Suspense, Supplier Suspense etc.,)

Exhibit XVI: Identifies the options added in the Set Inventory Process Parameters screen

								Date Format yyyy	//d/m		
Sear	ch	Criteria		Colorest Could True				×			
Sear	ch	Results		Category Goods Inwa	ra						
•		1 - 10 / 17 🕨 🍽			L II ()	x		6 # =	Al	¥	
1	EL.	Category	Parameter	Permitted Value	v	alue	Status	Error Message			
	6	Goods Inward	Allocation required on Receipt Acceptance	Enter '0' for 'No' , '1' for 'Yes'		0	0 Defined				
		Goods Inward	Allow reversal of a Inspection	Enter '0' for 'No' , '1' for 'Yes'			1 Defined	L L			
		Goods Inward	Allow reversal of a Receipt	Enter '0' for 'No' , '1' for 'Yes'			Defined				
	2	Goods Inward	Binning is a separate process	Enter '0' for 'No' , '1' for 'Yes'		51	Defined				
		Goods Inward	Default 'Move Parts' check box	Enter '0' for 'Unchecked' , '1' for 'Checked'		1	0 Defir	<u> </u>		٦	
		Goods Inward	Default 'Update Inspection' check box	Enter '0' for 'Unchecked' , '1' for 'Checked'		01	0 Defir	New opt	ion		
		Goods Inward	Default level of printing for Inspection Checklist report	Enter '1' for 'Part Level' , '2' for 'Serial / Lot Le	evel'	3	2 Defir	settings	added to		
	۲	Goods Inward	Guided Navigation in Inspect Parts screen	Enter '0' for 'Not Required' , '1' for 'Required'			1 Defir	Settings			
	13	Goods Inward	Guided Navigation in Manage Goods Receipt screen	Enter '0' for 'Not Required' , '1' for 'Required'			1 Defir	support	Reversal		
	1	Goods Inward	Receipt creation against invalid Ref. Document #	Enter '0' for 'Not Allowed' , '1' for 'Allowed'			1 Defir				
		•									

Exhibit XVII: Identifies the Reverse Receipt button in the Manage Goods Receipt screen

	м	anag	e Goo	ods R	eceipt										× 1	3 5 🕻
Par	<	1 - 1	Serial	► ►	ecalis	Supp		ent Details Reports			L D		C I S A	¥		Q
#	10	NXT	INS	PCT	HAZ	STK	Received Part # 🔎	Pending Qty	Qty	UOM 👂	No. of Lots	Comments	Part Description	Material Type		Stock Stat
1	2	Confi	3			P	0-0101-3-3497:36361	1.00	1.00	ea		Parts received as	REDUCER	Regular	~	Accepted
2	1													Regular	×	
View	Alterna	iet Sto te Parts	orage 1	info.						Record	/Update Receipt		Reverse Reco	eipt		
			E] Upda	ite Inspi	ection	Move Parts Co	nfirm Receipt			Cancel Rece	ipt	Rev	erse Receipt	٦	

Exhibit XVIII: Identifies the Reverse Inspection button in the Inspect Parts screen

art	etail	ls (Supp	leme	ntary i	info	Inspec	tion Check List Moveme	nt Details Reports			<u>~</u>	
							Displa	ay Option All Line # - Pending	for Inspection		Receipt Line #	¥	
-	1	- 2	2/2		•	+ 0	0	2 🝸 😨		😕 🗉 🕄	🕼 🖹 🕄 🕄 🕄 🛋 🛋	Y	Q
#	3 +	HAZ	ICL	PV	PRG	CFG	INS	Received Part #	Mfr. Part #	Received Mfr. Serial # 🔎	Received Mfr. Lot #	Pending Insp. Qty	
1	0		NO	YE				PDCC-000186-2014		4545345			
2			NO					PDCC-000190-2014			535353		
3	21												
						٠ [m					,
'iew Fil						٠ [III -		Record / Update Inspection			,
iew Fil	:ifγ T	iech I	Recor	'ds / 1	Maint	< [er comj	m		Record / Update Inspection	Reverse Receipt		•
/iew Fil	cify T	iech I	Recor	rds / I	Maint	۲ [er comj	m		Record / Update Inspection	Reverse Receipt button added		Þ
/iew Fil + Sp + Vie	cify T r Reo	iech I	Recor	rds / I	Maint	۲ [er comj	m		Record / Update Inspection	Reverse Receipt button added		•

Ability to print MMD Report for received Parts

Reference: AHBF-809

Background

In order to facilitate Warehouse Personnel to move the parts received to the right Zone / Bin in the Warehouse, Material Movement Document (MMD) is required.

Change Details

In the Reports tab of **Manage Goods Receipt** screen and **Inspect Parts** screen following changes are done to facilitate printing of MMD report for the parts received.

- In the Display Option drop down a new value "MMD Report" is loaded.
- A new link "Generate MMD Report" is provided.

Once the Display Option is selected as "MMD Report", all the parts in the receipt that are Moved with Movement Type "Binning" will be listed. As the case with few Operators/MRO, where Binning is configured as a separate step in the receiving process, those parts for which Movement is initiated will be listed. From the Reports tab, User can select specific records and print MMD using the link "Generate MMD Report". If it needs to be printed with all the eligible parts then it is not required to select specific records in the multiline. Depending on the Warehouse(s) to which the received parts are moved, one or multiple MMD reports will get generated.

In addition to the above changes, a new link "Generate MMD Report" is also provided in the **Bin Parts** screen to facilitate MMD printing where Binning is configured as a separate step in the receiving process. In the Bin Parts screen, user always needs to select the record(s) for printing MMD from the multiline. When MMD is launched from Bin Parts screen, system will generate one or multiple reports based on Receipt # and Warehouse # grouping.

	Mana	age Goods Recei	ipt												×	\$
Part	Details	Serial/Lot Details	Supplementary Info	Movem	ent Details	Reports	MMI	D Rep	ort							
			Display Option	MMD Repo	ort	•		•				Report Level	Not Applica	ble	T	
-	◄ 1	-1/1 🕨 🕨						. .	L 🗊 🗶	ßĒ	C I	P 🖻	All		T	Q
#	TA	G Received Part #	Qty	UOM	Received Mfr. S	Serial # Interr	nal Serial #		Received Mfr	. Lot #	Internal	Lot #		Condition		
1		MA-A421	1.00	EACH	SO01	SO01								NEW		
		N	lew link	_												>
																·
Gener	ate Part Ba	arcode Label			Gene	erate Goods Receipt N	Note				Gener	ate Inspection	n Checklist Re	port		
Gener	ate MMD R	leport														

Exhibit XIX: Identifies the changes in Reports tab in Manage Goods Receipt screen

-	•	11	- 20 /	530 🕨 🗭	+ - 0 2 0 0 7	1			🗵 🗉 🔟	🛛 🖿 🔍 🕲 🔳 🗯	Al	▼	
•		PCT	HAZ	Receipt #	Received Part #	Mfr. Part #	Qty	UOM	Stock Status	To Stock Status	Condition	Warehouse # 🔎	Zone # 🔎
11	8			RGP0000392011	1001	1001	1.00	EA	Accepted 🗸		New	VH-HG-SER	WH-SER
12	E	÷		RGP0000392011	1020-3013669		1.00	EA	Accepted 🗸		New	VH-HG-SER	WH-SER
13	曰			RGP0000392011	109300-10:01359	109300-10	1.00	EA	Accepted 🗸		New	VH-HG-SER	WH-SER
4	1			RGP0000392011	AGE13396:99167	AGE13396	1.00	EA	Accepted 🗸		New	VH-HG-SER	WH-SER
.5	E			RGP0000572011	109300-10:01359	109300-10	1.00	EA	Accepted 🗸		New	 WH-HG-SER 	wh-ser
16	Ð			RGP0000572011	AGE13396:99167	AGE13396	1.00	EA	Accepted 🗸		New	 WH-HG-SER 	wh-ser
7	E			RGP0000032011	0-008463:35104	0-008463	1.00	PR	Accepted 🗸			VH-HG-SER	WH-SER
8	曰	÷		RGP0001042011	1021-1021			EA	Accepted 🗸		New	✓ WH-HG-SER	WH-SER
9	E			RGP0001072011	01385-6541		1.00	EA	Accepted 🗸		New	✓ wh-hg-ser	WH-SER
20	曰			RGP0001082011	01385-6541			EA	Accepted 🗸		New	✓ wh-hg-ser	wh-ser
						<							>
2	Get S	Storag	e Info.			vlew link		Sau	2 Cartin				

Exhibit XX: Identifies the changes in Bin Parts screen

Ability to restrict overriding Shelf Life check during receipt

Reference: AHBF-3681

Background

In an AOG or Work Stoppage situation for want of parts, it doesn't matter if the parts received do not meet the minimum shelf life requirement of the organization, as the parts will be issued for maintenance of Aircraft or Component and will rarely be moved to the shelf. In the earlier versions, prior to the release of the feature to override shelf life check, system will enforce those parts that do not meet the minimum shelf life requirement to be quarantined and rejected.

As different business scenarios evolve with different customers, the facility to override shelf life check was provided in Goods Inward where the person who receives the parts and / or Inspector who does the inspection can choose to override shelf life check as required depending on the business situation.

However, few Organizations wants stringent system control towards meeting the minimum shelf life requirement and expect system to restrict overriding shelf life check during receipt, which is addressed as part of this feature.

Change Details

A new set option "Override Minimum Shelf Life Check during Receipt" is added under the category "Goods Inward" in the **Set Inventory Process Parameters** screen of the **Logistics Common Master** business component. The option can set as "Allowed" or "Not Allowed".

In the Serial / Lot Details tab of **Manage Goods Receipt** screen and Part Details tab of **Inspect Parts** screen, based on the value set for the option "Override Minimum Shelf Life Check during Receipt" following changes are handled.

If the option is set as,

- Not Allowed: In the drop down column "Shelf Life Check?" the value "Override" will not be loaded. It will be defaulted with the value "Enforce" for Shelf Life parts. Since the value "Override" is not loaded it will not be possible to override shelf life check during the receiving process.
- Allowed: Existing system behavior would continue i.e., the drop down column "Shelf Life Check?" will be loaded with both "Override" and "Enforce". The option to override shelf life check will be available with the receiver / inspector.

Note:

- ✓ There will not be any impact on existing receipts that are in-progress which has a saved value for "Shelf Life Check?" field. The change will be applicable only for new receipts that will be created after introduction of this feature with appropriate option set.
- ✓ If the option is not set, system will consider it as "Allowed" by default.
- ✓ When "Shelf Life Check?" is chosen as "Override" and if the part does not have a remaining shelf life, then, system will enforce the condition to be chosen as "Unserviceable".

Exhibit XXI: Identifies the option added in the Set Inventory Process Parameters screen

	8	Set Inventory F	Process Parameters			× 🗐 🗲 🗲
-		0			Date Format dd/mm/yyyy	
	earch	Criteria		Category Goods Inward		
- 5	earch	Results			Now process parameter	
-	4	1 - 10 / 18			New process parameter	Q ۲
#	2	Category	Parameter	Permitted Value		
1	2	Goods Inward	Zone/Bin info during receiving	Enter '0' for 'Optional' , '1' for 'Mandatory'	0 Defined	
2	10	Goods Inward	Way Bill # for Ref. Document based Receipt	Enter '0' for 'Optional' , '1' for 'Mandatory	0 Defined	
3	D	Goods Inward	Override Minimum Shelf Life Check during Receipt	Enter '0' for 'Not Allowed' , '1' for the med	0 Defined	
4	门	Goods Inward	Value parts received against an Exchange PO in the order of	Enter '1' for 'Assessed Cost, Replacement Cost, Valuation	1 Defined	
5	E	Goods Inward	Validate if received serial # is attached to Aircraft /	Enter '0' for 'Not Required', '1' for 'Required'	1 Defined	

Minor enhancements in Goods Inward

Reference: AHBF-78, AHBF-1682

Background

Following minor enhancements requested by various customers are addressed in Goods Inward business component.

- To provide a link to View Alternate Part Numbers
- To provide an easy access to links in Manage Goods Receipt screen by displaying them instead of keeping collapsed on screen launch
- To automatically default ordered part condition
- To display Eng. Doc. Applicability for the received Components
- To allow partial entry of Serial / Lot information and to support entry of additional Lot #
- To automatically default the Qty when there is only one Lot #
- To configure if it's required to mandate Parameter Value update if Compliance update has reset the Parameter Values

Change Details

A new link "View Alternate Parts" is added in the part details tab of the Manage Goods Receipt Screen. This link can be accessed to view the alternate parts for an ordered part.

Manage Goods	s Receipt										_			x	0
+ Additional De	tails														
Part Details	Serial/Lot Deta	ls Wor	k Requested - Customer R	arts Supplementary Inf	Movem	ent Detais	Reports								
-	[No records to d	isplay]					N 🖻 🗉		6 (3 X C		AI	Ŧ		p
# E AX7	INS PCT I	IAZ STK	Received Part # P	Mfr. Part # 🔎	Mfr. # 🔎	Pending Q	0/	Qty	UOM	No. of Lots	ě.	Comments	Part Description		Mate
1 13															Regu
		ĺ	Link to	View											
			Alternate	Parts											>
Get St	torage Info.	\sim			Re	cord/Update	Recept								
View Alternate Par		-						-							
THE PERSON PROVE PRO															

Exhibit XXII: Identifies the link added in the Manage Goods Receipt screen

On launch of **Manage Goods Receipt** screen, sections 'Record Additional Receipt Info' and 'View Records' will default be expanded and displayed. In a similar way, on launch of **Inspect Parts** screen, the sections 'Record Additional Receipt Info' and 'View Documents' sections will be expanded and displayed.

Exhibit XXIII: Identifies the sections that will be expanded by default in Manage Goods Receipt screen



Whenever a Purchase Order or Release Slip based Receipt is recorded for a Serial / Lot controlled Part, Received Condition in the Serial / Lot Details tab of the **Manage Goods Receipt** screen will be automatically defaulted. In order to configure the behavior change a new set option 'Default Part Condition from Purchase Order/Release Slip during Receipt' has been introduced in the **Set Inventory Process Parameters** activity under **Logistics Common Master** business component. The option can be set as; Yes or No. The option needs to be set as "Yes" to default ordered part condition during receiving.

Exhibit XXIV: Identifies that Received Condition can be configured to be automatically defaulted in the Serial / Lot Details tab of **Manage Goods Receipt** screen



In order to display applicability of Eng. Docs for the Components under Inspection, in the **Inspect Parts** screen a new column 'Eng. Doc' has been added. Secondly, a new field 'Insp. Remarks' has been provided for the inspector to specify any remarks/observations during Inspection against respective Serial / Lots.

Inspect	Parts													× 🗐 :
 Inspection Info 														
	Supplementary Info	?			I	nspectio	n Check	List?			F	Parts Quarantined?		
+ Additional Detai	ils													
Part Details	Supplementary Inf	o Inspection Cheo	k List Movement Detail	s Rep	ports									
		Display Option	All Line # - Inspected							1	Receipt Line #		T	
┥ 🚽 [N	o records to displa	y] 🕨 🕨	+ 🗆 🛛 🔍 🕇 🕏						X 🛛 🖄 👫	e #	<u>له</u>		V	9
# 🖸 HAZ .	ICL PV PRG ce	iptLine #	Line Status	NXT	SLF	CRT	BER	Authorization #	Mfr. D	ate	Eng. Doc.	Insp. Remarks		
1 🗄												~		
									NI				1	
									New	colu	mns; Ei	ig. Doc		
		(and	insp.	Remar	KS		>
	_				1012									
View File						Re	ecord /	Update Inspection						

Exhibit XXV: Identifies the new columns added in Inspect Parts screen

Following change are made in Serial / Lot details tab in order to support partial entry of Serial / Lot information,

- New column 'Line #' has been provided in the multiline with an 'Enter Key' feature. User can enter Receipt Line # in a new row and press Enter key to retrieve the part details. This feature could be used to enter multiple Lot # matching the actual receipt without requiring changing the No. of Lots in Part Details tab.
- Existing validations that enforce entry of Serial / Lot details for all the quantities received will be relaxed. System will enforce user to enter the details only if any of the other fields in the **Serial / Lot Details** tab is entered. For example, if 10 Serial #s are received for a Part, user can enter five Serial # and related information and could still save the details against the receipt. At a later point in time remaining five Serial #s and its related information can be entered.
- In the Serial / Lot Details tab, when there is only Lot # received, system will automatically default the Lot Qty. It is no more required to manually enter the Lot Qty when it is one Lot. But if there are multiple Lots user need to manually enter the Qty against each Lot.

New options have been added in **Set Inventory Process Parameters** screen under the mentioned category to have the updation of Parameter Values for the Components received in Goods Inward, optional when Compliance update has reset the Parameter Values.

- Category: Goods Inward Regular Purchase
 - Parameter: Mandate Parameter Value update post Compliance based Reset?
- Category: Goods Inward Customer Goods Receipt
 - Parameter: Mandate Parameter Value update post Compliance based Reset?

- Category: Goods Inward Repair Receipt
- Parameters:
 - o Mandate Parameter Value update post Compliance based Reset?
 - o Validate Parameter Value Entry for Normal Repairs, on Confirm Inspection

In the **Inspect Parts** screen of the Goods Inward business component, the validation enforcing the Parameter Value update will not be happening if Compliance update has reset the Parameter Value, provided the new option "Mandate Parameter Value update post Compliance based Reset?" is set as 'No' for the corresponding Receipt Type.

In addition, if the Receipt Type is 'Repair Receipt' and if the Received component is the same issued component or a modified component, then Parameter value entry will be mandatory, if alone 'Validate Parameter Value Entry for Normal Repairs, on Confirm Inspection' is set as 'Required'.

WHAT'S NEW IN STOCK ISSUE?

Ability to automatically confirm General, Maintenance and Repair Order Issues

Reference: AHBF-1689

Background

Straight through processing initiative in Ramco Aviation Solution has been a hit with Customers. In the previous releases, automatic confirmation of Stock Transfer Issue and automatic processing of Repair Orders were facilitated. As part this enhancement, process automation framework has been extended to automatically confirm General, Maintenance and Repair Order issues.

With the introduction of this feature, it is no more required to confirm General, Maintenance and Repair Order issues, manually.

Change Details

In the **Set Warehouse Process Parameters** activity under **Storage Administration** business components, following warehouse level options are provided. These options typically depict the different scenario through which an Issue document could be automatically created. It facilitates to configure the different business scenario where the Issue document could be automatically confirmed.

- Confirmation of General Issue generated during Authorization of Material Request.
- Confirmation of General Issue generated during Receipt pegging to an Open MR.
- Confirmation of Maintenance Issue generated during Authorization of Material Request.
- Confirmation of Maintenance Issue generated during Receipt pegging to an Open MR.
- Confirmation of Repair Order Issue generated during Release of Repair Order for shipping.

These options can be set as "Manual" or "Automatic" as required for each warehouse.

Currently, in all of the above scenarios that are provided as configurable options, system automatically generates the Issue document in "Fresh" status leaving the confirmation step with the User. In a medium to large size operations, the no. of Issue documents generated on a given day in a main warehouse will be voluminous, requiring the warehouse clerk to spend much of his/her time with the system confirming the documents, manually. In a small scale operation or a field base that are typically managed by one person, though the no. of issue documents will be less, challenges will be different as one person needs to manage entire inventory operations.

If the option is set as "Automatic", system will automatically confirm the issue documents generated in the respective scenarios. For example, if the option "Confirmation of Maintenance Issue generated during Authorization of Material Request" is set as "Automatic" for a particular Warehouse, then, whenever a Maintenance MR is processed requesting for parts from the Warehouse, system automatically generates and confirms the Maintenance Issue document. In a similar way, if the option "Confirmation of Repair Order Issue generated during Release of Repair Order for shipping" is set as "Automatic" for a Warehouse, then, upon release of Repair Order for shipping the parts either manually or automatically, system generates and confirms the Repair Order Issue document.

In all the above scenarios, if option is set as "Manual" for a Warehouse, Issue document will be generated in "Fresh" status i.e., existing behavior, and user need to manually confirm them.

Note:

✓ If the option is not set for a Warehouse, system will consider it as "Manual" by default.

In order to facilitate configuration of MMD printing in all the above mentioned scenarios, following new options are provided under the Category "Stock Management Reports" in the **Set Inventory Process Parameters** activity under the **Logistics Common Master** business component.

- Print MMD for General Issue generated in Confirmed status during Authorization of MR.
- Print MMD for General Issue generated in Confirmed status during Receipt pegging to and open MR.
- Print MMD for Maintenance Issue generated in Confirmed status during Authorization of MR.
- Print MMD for Maintenance Issue generated in Confirmed status during Receipt pegging to and open MR.
- Print MMD for Repair Order Issue generated in Confirmed status upon Release of Repair Order for shipping

These options can be set as "Required" or "Not required".

If the option is set as 'Required', then, Material Movement Document (MMD) will get printed for issues generated in "Confirmed" status. If the option is set as "Not Required", MMD will not be printed for Issue documents generated in "Confirmed" status.

Note:

✓ If the option is not set, system will consider it as "Not Required" by default.

Exhibit-XXVI: Identifies the options added in Set Warehouse Process Parameters screen

Par	rameter Details	Warehouse # 0		Options added to f the Issue confirm	ider nati	ntify on
	Warehouse	# Category	Parameter		Παι	
	00123	Process Automation	Confirmation of General Issue generated during Authorization of Material Request	Enter '0' for 'Manual' , '1' for 'Automatic'	0	Defined
	00123	Process Automation	Confirmation of General Issue generated during Receipt pegging to an Open MR	Enter '0' for 'Manual' , '1' for 'Automatic'	0	Defined
	00123	Process Automation	Confirmation of Maintanance Issue generated during Authorization of Material Request	Enter '0' for 'Manual' , '1' for 'Automatic'	0	Defined
	00123	Process Automation	Confirmation of Maintanance Issue generated during Receipt pegging to an Open MR	Enter '0' for 'Manual' , '1' for 'Automatic'	0	Defined
	00123	Process Automation	Confirmation of Repair Order Issue generated during Release of Repair Order for shipping	Enter '0' for 'Manual' , '1' for 'Automatic'	0	Defined
	00123	Process Automation	Confirmation of Stock Transfer Issue generated during Authorization of Inter Warehouse Transfer	Enter '0' for 'Manual' , '1' for 'Automatic'	0	Defined
	E 00123	Process Automation	Confirmation of Stock Transfer Issue generated during Auto Inter Warehouse Transfer based on Warehouse Matrix definition	Enter '0' for 'Manual' , '1' for 'Automatic'	0	Defined
	D 00123	Process Automation	Confirmation of Stock Transfer Issue generated during Inter Warehouse Transfer processed from Plan Materials screen	Enter '0' for 'Manual' , '1' for 'Automatic'	0	Defined
	Ð					
	4					

Exhibit-XXVII: Identifies the options added in Set Inventory Process Parameters screen

Searc	h Criteria	Category Stock Management R	Date Format dd/mm/yyyy		
Searc	h Results				Ŧ
2	Category	Parameter	Permitted Value	Value	Status
1	Stock Management	Print MMD for General Issue generated in Confirmed status during Authorization of MR	Enter '0' for 'Not Required' , '1' for 'Required'	1	Defined
1	Stock Management	Print MMD for General Issue generated in Confirmed status during Receipt pegging to and open MR	Enter '0' for 'Not Required' , '1' for 'Required'	1	Defined
E	Stock Management	Print MMD for Maintanance Issue generated in Confirmed status during Authorization of MR	Enter '0' for 'Not Required' , '1' for 'Required'	1	Defined
1	Stock Management	Print MMD for Maintanance Issue generated in Confirmed status during Receipt pegging to and open MR	Enter '0 Not Required' , '1' for 'Required'	1	Defined
2	Stock Management	Print MMD for Repair Order Issue generated in Confirmed status upon Release of Repair Order for shipping	Enter ' equired' , '1' for 'Required'	1	Defined
Ē	Stock Management	Display Event # in MMD Report?	Enter Yes'		Defined
1	Stock Management	Display Part level Package Details in Shipping Note Report	Options added to identify	c	Defined
E	Stock Management	Display Part level Remarks in Shipping Note Report	Options added to identify	0	Defined
1	Stock Management	Print MMD for Main Core Issue?	if the Issue confirmation	0	Defined
1	Stock Management	Print MMD for Stock Transfer Issue generated in Confirmed status during Authorization of Inter Warehouse Transfer	is manual or automatic	c	Defined
	•	m	io mandal of automatio		

Ability to search Issue Documents based on Aircraft Maint. Exe. Ref. # / SWO # and Task

Reference: AHBF-1777

Background

During Aircraft / Component maintenance one or several Material Requests will be raised to communicate the need for parts to perform the maintenance activities. MR could also be automatically raised for the parts associated with a task. Also, particularly in Line Maintenance Operations, Maintenance Supervisor / Mechanic would manually raise an MR. After raising MR, whenever parts are required Mechanic walks to the Warehouse to collect the parts. Warehouse Clerk could quickly issue the parts if the MR # is provided by the Mechanic. At times, Mechanic would not note the MR # but could provide the Work Order # and / or Task # for which parts are required. Business need is to facilitate Warehouse Clerk to search issue documents raised against an Aircraft Maint. Exe. Ref. # or Shop Work Order # (SWO) or a specific Task #.

Change Details

The **Select Reference Document** screen in the **Create Maintenance Issue** activity under the **Stock Issue** business component has been enhanced as follows,

- In the Search Criteria section
 - The field 'Ref. Document Type' is renamed as 'Maint. Exe. Ref. Type' and following values will be loaded in the drop down; A/C Maint. Exe. Ref. # and Shop Work Order
 - o The field 'Ref. Document #' is renamed as 'Maint. Exe. Ref. #''
 - New fields 'Task #', 'Material Request #', 'Requested by' and 'Part Description' are added
- In the Search Results multiline,
 - The column 'Ref. Document # is renamed as 'Material Request #'
 - The column 'Ref. Document Type' is renamed as 'Maint. Exe. Ref. Type'
 - New columns 'Maint. Exe. Ref. #', 'Task #' and 'Requested by' are added
- Search Logic based on different fields
 - Search based on Maint Exe. Ref. # will retrieve MR corresponding to the AME / SWO reference provided.
 - Search based on 'Requested by' will retrieve MR raised by the given Employee Code or Employee Name.
 - Search based on the Task # and/or Part Description will retrieve the MR raised for the given Task # having the Parts with the given Part Description.
 - In the Search Results, the 'Requested by' will display the concatenation of the 'Requested by Employee Code and Employee Name'. For example, '00198 – Anderson, James'.

Exhibit XXVIII: Identifies the changes made in the Select Reference Document screen of Create Maintenance Issue activity

Sele	t Re	ference Document							🔀 🗐 😂 🧲
- 5	earch	Criter <u>ia</u>							
		Maint. Exe. Ref. Type	Shop Work Order	Y	N	Maint, Exe. Ref. # SWO-000005-201	3	Task #	
		Material Request #		4.ynn* New field		From Date		To Date	
		Requested by	Mary-Lynn*	^{m*} New field	<u> </u>	Warehouse #	New fields	Trading Partner #	
		Part #		New	rields	Part Description	\leq	Part Type	*
		Aircraft Reg #							
						Search	New fie	lds	
= 5	earch	Results							
	•	1 -3/3 🕨 🕨 🍸	₹.					All	۵ 🔻
#	8	Material Request #	Request Date	Priority	Maint. Exe. Ref. Type	Maint, Exe, Ref. #	Task #	Requested by	Issue Warehouse #
1	1	MR-000245-2013	22/7/2013	Normal	Shop Work Order	SWO-000005-2013	04-WS-NR-000001	01010 - Mary-Lynn Harney	0123
2	0	MR-000531-2014	11/3/2014	Normal	Shop Work Order	SWO-000005-2013	04-WS-NR-000001	01010 - Mary-Lynn Harney	00123
3	123	MR-000532-2014	11/3/2014	Normal	Shop Work Order	SWO-000005-2013	04-WS-NR-000001	01010 - Mary-Lynn Harney	0123

In the **Select Issue Document** screen in **Edit Issue** activity under the **Stock Issue** component following changes are made.

- In the Search Criteria section
 - A new combo control 'Maint. Exe. Ref. Type' is added and this will be loaded with the values based on the Issue Type selected
 - If Issue Type is selected as 'Maintenance Issue' or 'Repair Order Issue' or 'Stock Transfer Issue', then the values loaded will be 'A/C Maint. Exe. Ref. #' and 'Shop Work Order'.
 - If Issue Type is selected as 'General Issue', the values loaded will be 'A/C Maint. Exe. Ref. #'.
 - For all other Issue Types, the drop down will not be loaded
 - New controls 'Maint. Exe. Ref. #', 'Task #', 'Requested by' and 'Part Description' are added
- In the Search Results multiline
 - New columns 'Maint. Exe. Ref. Type', 'Maint. Exe. Ref. #', 'Task #' and 'Requested by' are added
- Search Logic based on different fields
 - Search based on Maint Exe. Ref. # will retrieve Issues created against documents like Material Request, Repair Order, Stock Transfer (with MR reference), with the corresponding AME / SWO reference.
 - Search based on 'Requested by' will retrieve Issues generated against the documents raised by the given 'Employee Code' or 'Employee Name'
 - Search based on the Task # and/or Part Description will retrieve issues raised for a document having the given Task # or having the Parts with the given Part Description
 - In the Search Results, the 'Requested by' will display the concatenation of the 'Requested by Employee Code and Employee Name'. For example, '00198 – Anderson, James' and the other fields will display the respective information

Exhibit XXIX: Identifies the changes made in the Select Issue Document screen of Edit Issue activity

Select Issue Document	E												≍ ≣	\$ 4
Direct Entry				1							1			
Search Criteria	Issue #	New fie	elds	Edit Issue					N	ew fields				
- Scarci Criceria	Issue #				Is	sue Category			Y		Status			Ŧ
	Issue Type Mainter	nance Issue	Y		Ref. Do	cument Type	Maint Material	Request	v		Ref Document #			
Maint, Exe	. Ref. Type Shop W	/ork Order	Y		Maint	. Exe. Ref. #	SWO-000191-	2014		•	Task #			
Re	quested by Vishnu	• 1				Warehouse #			v	-	Trading Partner #			
	Part #				Pa	rt Description]	Part Type			Y
Airo	traft Reg #		New f	ields	/-	User Status	rch		¥	New fields	6			
Search Results														
4 4 1 -1/1 🕨	💌 🝸 😨							1	L D		All		v	J
# 🖾 Issue #	Issue Date	Issue Type	Status	Warehous	e Description	Ref. Docu	ment Type	Ref Document #	e N	aint. Exe. Ref. Type	Maint. Exe. Ref. #	Task #	Requested	d by
1 🗇 MIS-000284-2014	4/3/2014	Maintenance Issue	Fresh	Parts for R	eplenishment	Maint Mate	erial Request	MR-000473-201	4 ST	op work Order	SWO-000191-2014	03-STD-X00-	11043 - Vis	shnu c Prasar

In the **Confirm Issue** screen under the **Stock Issue** component following changes are made.

- In the Search Criteria section
 - A new combo control 'Maint. Exe. Ref. Type' is added and this will be loaded with the values based on the Issue Type selected
 - If Issue Type is selected as 'Maintenance Issue' or 'Repair Order Issue' or 'Stock Transfer Issue', then the values loaded will be 'A/C Maint. Exe. Ref. #' and 'Shop Work Order'.
 - If Issue Type is selected as 'General Issue', the values loaded will be 'A/C Maint. Exe. Ref. #'.
 - For all other Issue Types, the drop down will not be loaded.
 - New controls 'Maint. Exe. Ref. #', 'Task #', 'Requested by' and 'Part Description' are added
- In the Search Results multiline
 - New columns 'Issue Type', 'Maint. Exe. Ref. Type', 'Maint. Exe. Ref. #', 'Task #' and 'Requested by' are added
- Search Logic based on different fields
 - Search based on Maint Exe. Ref. # will retrieve Issues created against documents like Material Request, Repair Order, Stock Transfer (with MR reference), with the corresponding AME / SWO reference.
 - Search based on 'Requested by' will retrieve Issues generated against the documents raised by the given 'Employee Code' or 'Employee Name'
 - Search based on the Task # and/or Part Description will retrieve issues raised for a document having the given Task # or having the Parts with the given Part Description
- In the Search Results, the 'Requested by' will display the concatenation of the 'Requested by Employee Code and Employee Name'. For example, '00198 – Anderson, James' and the other fields will display the respective information.

Confirm Issue 🔀 🖶 😂 🧲 - Search Criteria New fields User Status * Issue Category 語 齲 Warehouse # From Date To Date ef. Document Type Maint Material Regu ssue Type int. Exe. Ref. Type Shop Work Orde Maint. Exe. Ref. # SWO-000191-2014 Task # Vishnu^a rading Partner # Part # Part Description Part Type New fields Aircraft Reg # New fields Search 4 4 1 + - 0 * OQTX Issue # Ref. Document Type RefDocument # Maint, Exe. Ref. Type Maint. Exe. Ref. # Task # Issue Date Issue Type d by 4/3/2014 Parts for Replenishment MIS-000284-2014 Maintenance Issue Maint Material Request MR-000473-2014 Shop Work Orde SWO-000191-2014 03-STD-X00-00 11043 - Vishnu c Prasad

Exhibit XXX: Identifies the changes made in the Confirm Issue screen

In the **Select Issue Document** screen in **View Issue** activity under the **Stock Issue** component following changes are made.

- In the Search Criteria section
 - A new combo control 'Maint. Exe. Ref. Type' is added and this will be loaded with the values based on the Issue Type selected
 - If Issue Type is selected as 'Maintenance Issue' or 'Repair Order Issue' or 'Stock Transfer Issue', then the values loaded will be 'A/C Maint. Exe. Ref. #', 'Shop Work Order' and blank.
 - If Issue Type is selected as 'General Issue', the values loaded will be 'A/C Maint. Exe. Ref. #'.
 - For all other Issue Types the drop down will not be loaded
 - New controls 'Maint. Exe. Ref. #', 'Task #', 'Requested by' and 'Part Description' are added
- In the Search Results multiline
 - New columns 'Maint. Exe. Ref. Type', 'Maint. Exe. Ref. #', 'Task #' and 'Requested by' are added
- Search Logic based on different fields
 - Search based on Maint Exe. Ref. # will retrieve Issues created against documents like Material Request, Repair Order, Stock Transfer (with MR reference), with the corresponding AME / SWO reference.
 - Search based on 'Requested by' will retrieve Issues generated against the documents raised by the given 'Employee Code' or 'Employee Name'
 - Search based on the Task # and/or Part Description will retrieve issues raised for a document having the given Task # or having the Parts with the given Part Description
- In the Search Results, the 'Requested by' will display the concatenation of the 'Requested by Employee Code and Employee Name'. For example, '00198 – Anderson, James' and the other fields will display the respective information

Exhibit XXXI: Identifies the changes made in the Select Issue Document screen of the View Issue activity



WHAT'S NEW IN SHIPPING NOTE?

Ability to display 'Reason for Rejection' in Shipping Note Report

Reference: AHBF-2507

Background

Parts received from Supplier could be rejected during the receiving process for various reasons like wrong shipment, damaged etc. Whenever parts are rejected, Buyer / QA notify the Supplier. Supplier could request to scarp or return the rejected parts. In most cases, when the parts need to be returned, Supplier provides the RMA No. Shipping Note is processed and the rejected parts are shipped along with the Shipping Note Report.

Business requirement is to display the reason for rejection in the Shipping Note Report, when rejected parts are shipped.

Change Details

A new set option "Display 'Reason for Rejection' in Shipping Note Report" is added under the category "Shipping Note" in the **Set Inventory Process Parameters** screen of the **Logistics Common Master** business component. The option can be set as "Yes" or "No".

In the Shipping Note Report, based on the value set for option "Display 'Reason for Rejection' in Shipping Note Report" following changes are handled.

If the option is set as,

- Yes: In Part Details section of the Shipping Note Report, a new field "Reason for Rejection" will be displayed for those shipping note processed to return rejected parts. The reason for rejection of the Part–Serial/Lot will be displayed as a concatenation of Reason Code Reason Description.
- No: The "Reason for Rejection" will not be displayed in the Shipping Note Report.

Note:

- ✓ If the option is not set, system will consider it as "No" by default.
- ✓ In scenario where parts are rejected at the Serial / Lot level but if Shipping Note is processed at the Part Level, reason for rejection will not be displayed though the option is set as "Yes".

Part	Details					
SI #	Part #	Quantity UOM	Mfr. Serial	RMA #	Unit Cost	Value
	Fart Description	UOM	WIIF. L/01 #	Date	Currency	
1	ADEC0103-3-33810	1		100	1.14	1.14
	Bush Bearings	EA		25/09/2014	CAD	
	Shipping Note Ref. Docs: Purchase Order	# : POA-000339-2	014, Receipt # : RGP000	07102011		
	Reason for Rejection: R35 - Damaged Par	Re	eason for Rejection	_		

Exhibit XXXII: Identifies the new 'Reason for Rejection' field in the Shipping Note report

Exhibit XXXIII: Identifies the new option added in Set Inventory Process Parameters screen

Se	arch	Results		Colorest Colorest						
	4	1 - 10 / 13 🕨		2 E	8 × 6		8 8 9	Al	¥	
	10	Category	Parameter	Permitted Value	Value	Status	Error Message			
	10	Shipping Note	Carrier Code	Enter '0' for 'Optional' , '1' for 'Mandatory'	1	0 Defined				
	10	Shipping Note	Display of Serial # /Lot # in Shipping Note Report	Enter '1' for Mfr. Secial # /Mfr. Lot #', '7 for Toternal Secial		1 Defined		Now optio		
	0	Shipping Note	Display Reason for Rejection in Shipping Note Report	Enter '0' for 'No' , '1' for 'Yes'		1 Defined				
	10	Shipping Note	Hazmat Parts with different Hazmat Id in a Shipping Note	Enter '0' for Not Allowed', '1' for 'Allowed'	1 7	0 Defined				
	0	Shipping Note	Net Weight	Enter '0' for 'Non Mandatory' , '1' for 'Mandatory'	1	0 Defined				
	0	Shipping Note	PART UNET COST	Enter '0' for 'Manual' , '1' for 'Standard Cost' , '2'		1 Defined				
	15	Shipping Note	Print Ref. Document info in Shipping Note Report	Enter '0' for Not Required' , '1' for 'Required'		1 Defined				
	8	Shipping Note	RMA # for Direct Shipping Note	Enter '0' for 'Optional' , '1' for 'Mandatory'		1 Defined				
	0	Shipping Note	RMA # for Issue Based Shipping Note	Enter '0' for 'Optional' , '1' for 'Mandatory'		1 Defined				
	10	Shipping Note	RMA # for Receipt Based Shipping Note	Enter '0' for 'Optional' , '1' for 'Mandatory'		1 Defined				
		*								

WHAT'S NEW IN STOCK CONVERSION?

Ability to change Part Condition and Stock Status in Offline Operations

Reference: AHBF-2198

Background

One of the unique capabilities of Ramco Aviation Solution is the Offline Field System, which enables Maintenance and Logistics operations in a remove environment, where there is limited or no network connectivity.

To facilitate maintenance of Aircrafts in an offline Field Base, parts need to be transferred from the Main Base. At times, it happens that the parts received from Main Base are found to be damaged (in-transit damage) and offline user need to update the condition as Unserviceable. The parts are then transferred back to Main Base. Also, in scenarios where shelf life is expired, parts are mishandled etc.; there is a need to change the part condition, manually. Though Offline Field System has several capabilities to manage day-to-day operations, manual change of part condition is restricted.

This feature addresses the business need of offline operations to manually change the condition of parts using **Stock Conversion** business component.

Change Details

Offline version of **Stock Conversion** business component will be developed to facilitate changing the part condition for the parts in stock. In addition to changing part condition, changing Stock Status of parts will also be supported and can be configured if required. Following are addressed as part the enhancement.

Configurator

- Stock Conversion transaction is added in the "Permitted Transactions List" of offline operations. Numbering Type for Stock Conversion transaction needs to be defined for each offline area in the Document Numbering Class business component
- In the Configurator business component, additional validations are added in the "Evaluation" and "Release" tasks to ensure,
 - Numbering Type is defined for Stock Conversion transaction for the Offline Area.
 - There are no Stock Conversion documents in "Draft" or "Fresh" status in the Warehouse that is going offline. Open Stock Conversion documents should be canceled or confirmed, prior to release of the Warehouse for offline operations.
 - Stock Conversions created in Field Base will be extracted and loaded onto the Main Base during extract and load operations.

Stock Conversion

- A new set option "Permitted function in Stock Conversion" is added under a new category "Stock Conversion" in the Set Warehouse Process Parameters screen of the Storage Administration business component. The option can be set as "Condition Change", "Stock Status Change" or "Both" as required for each Warehouse. Based on the option set, Stock Status Change or Condition Change or both will be permitted in the warehouse. For example, if Stock Status Change needs to be restricted in an offline warehouse, then the option needs to be set as "Condition Change" for the warehouse. If the option is not set, system will consider it as "Both" by default.
- Warehouse combo in the Create Stock Conversion and Edit Stock Conversion screens will be loaded based on the area of operation i.e., Online or Offline. In offline operations, it will be loaded only with the corresponding offline warehouse. In Main Base, offline warehouses will not be loaded.
- Stock Conversion processed in any Field Base, that is loaded onto Main Base during data synchronization will not be allowed to be modified in the Main Base.

Part Data Change (PDC)

- When a PDC is initiated in Main Base to modify the "Part Control Type" or "Stockable" attribute of a Part, Stock Conversion documents in 'Draft' or 'Fresh' status for that Part pertaining to any offline area will not be considered as open transactions.
- During synchronization of a PDC on to an offline area, Stock Conversions documents in "Draft" or "Fresh" status for the Part in the offline area will be automatically cancelled.

Note:

- ✓ Before rolling in the feature for offline operations, offline users' needs to be trained on using Stock Conversion functions in Ramco Aviation Solution.
- ✓ After defining Numbering Type for Stock Conversion for all Offline Area and setting the option as required at the Warehouse level, data needs to be extracted from the Main Base and released for loading onto all Field Bases.

Exhibit XXXIV: Identifies the option added in Set Warehouse Process Parameters screen

Se	arch	Criteria	Warehouse #		Addl. Search	h On Parameter Category 💌 S	tock conve	rsion	T
Pa	ram ∢	1 - 10 / 11					# #	III AI	T
	2	Warehouse #	Category	Parameter	Permitted Value		Value	Status	Warehouse Description
	10	YULCS	Stock conversion	Permitted function in stock Conversion	Enter 1 for 'Stock Status Change'	, '2' for 'Condition Change' , '3' for 'Both'	3	Defined	Main Montreal store location CS Ban
	10	YULCSUS	Stock conversion	Permitted function in stock Conversion	Enter '1' for status Change'	, '2' for 'Condition Change' , '3' for 'Both'	1	Defined	Main Montreal US store location CS Ban
	10	YULES	Stock conversion	Permitted function in stock Conversion	Enter '1' for 'Stock shane			Defined	Main Montreal store location ES
	E	YULES21050	Stock conversion	Permitted function in stock Conversion	Enter '1' for 'Stock Status	New option set	ing	Defined	BAN FSL Location EMC
	E	YULFS251	Stock conversion	Permitted function in stock Conversion	Enter '1' for 'Stock Status Chang	for the category	, -	Defined	BAN FSL Location CMC
	1	YULFS301	Stock conversion	Permitted function in stock Conversion	Enter '1' for 'Stock Status Chang	"Or the ballogory		Defined	BAN FSL Location CMC
	-83	YULFS302	Stock conversion	Permitted function in stock Conversion	Enter '1' for 'Stock Status Chang	Stock		Defined	BAN FSL Location CMC
	E	YULFS351	Stock conversion	Permitted function in stock Conversion	Enter '1' for 'Stock Status Chang	/ E for contraction enange / o for coor		Defined	BAN FSL Location CMC
	D	YULFS352	Stock conversion	Permitted function in stock Conversion	Enter '1' for 'Stock Status Change'	, '2' for 'Condition Change' , '3' for 'Both'	2	Defined	BAN FSL Location CMC
0	10	YULHM	Stock conversion	Permitted function in stock Conversion	Enter '1' for 'Stock Status Change'	, '2' for 'Condition Change' , '3' for 'Both'	3	Defined	Main Montreal store location HM
		4		m					

Ability to configure access rights to change the part condition for specific roles

Reference: AHBF-3788

Background

Stock Conversion facilitates changing Stock Status and / or Condition for parts in Stock. Part Condition change through Stock Conversion is provided primarily to facilitate correction of data entry errors i.e., when a Part – Serial / Lot is moved into inventory with an incorrect condition. Also the feature eliminates the need to move the parts out of inventory and again receive/return it with the correct condition.

Currently, all the Users who have access to **Create Stock Conversion** or **Edit Stock Conversion** activities can change the Stock Status and Condition. However, as the case with few Organizations, condition change is a controlled activity and access needs to be provided to specific user/roles like Inspectors etc., as it could have regulatory implications, otherwise.

Change Details

A new set option "Enforce additional security to change Part Condition" is provided under the category "Stock Conversion" in the **Set Inventory Process Parameters** screen under **Logistics Common Master** business component. The option can be set as "All Parts", "Component" or "Not Required".

In organizations where only specific roles can change the part condition, the option needs to be set as "All Parts". In business practices where a User who has access to **Create Stock Conversion** or **Edit Stock Conversion** activities can change the part condition, the option needs to be set as "Not Required".

As part of the enhancement a new activity "Manage Condition Change for Noncomponent Parts" is provided under **Stock Conversion** business component. This activity is not a user activity and should not be configured to appear in the left pane. The activity is used to configure and control access to specific roles that can change the condition for non-component parts. User/role mapping to this activity needs to be done only when the above option is set as "All Parts".

Validations are added in **Create Stock Conversion**, **Edit Stock Conversion** and **Edit Serial # / Lot # / Condition Details** screens based on the value set for the option "Enforce additional security to change Part Condition" as explained below.

If the option is set as,

- All Parts: User will be allowed to modify the part condition for a component part only if access rights are available to the activity Update Component Condition under Aircraft business component. In a similar way, part condition for a non-component part can be modified only if User has access rights to Manage Condition Change for Non-Component Parts activity under Stock Conversion business component.
- Component: User will be allowed to modify the part condition for a component part only if access rights are available to the activity Update Component Condition under Aircraft business component. However, system will not enforce any restriction on the User when the part condition for a non-component part is modified.
- Not Required: System will not enforce any restrictions on the User from modifying the condition of component or non-component parts.

Note:

✓ If the option is not set, system will consider it as "Not Required" by default.

Exhibit-XXXV: Identifies the option setting added in Set Inventory Process Parameters screen.

	1	Set Inventory	/ Process Parameters						× E 🗲 🗲
	arch	Criteria	lew process parameter)	Date Format dd/	mm/yyyy	
	earch	Results		Category Stock Conversion			v		
-	4	1 - 2 / 2 🕨		<u>اا</u> ک	5 × 3	Ē 🛯	C # #	All	۵ 🔻
#	10	Category	Parameter	Permitted Value	Value	Status	Error Message		
1	123	Stock Conversion	Enforce additional Security to change Part Condition	Enter '0' for 'Not Required' , '1' for 'Component' , '2' for 'All	3	Defined			
2	23	Stock Conversion	Manual Ownership Conversion between Owned & Customer	Enter '0' for 'Not Allowed' , '1' for 'Allowed'	1	Defined			
3	12								

WHAT'S NEW IN STOCK MAINTENANCE?

New screen to View Material Count and Location Information

Reference: AHBF-811

Background

View Material Count and Location Information screen in the Stock Maintenance component is a powerful screen to know the count and location details of a given Part within and outside an organization including the Demands (Open MR Qty) and Due In (Open PO Qty). The screen is used by different roles; Buyer, Warehouse Administrator, Material Planner, Inventory Controller, Technical Records Administrator etc. Information under several entities (Shop Due, Third Party Repair, Quarantine, Spares Due, Intransit etc.) is displayed in the screen. However, the way information is rendered does not help in quick decision making process as related information is not logically grouped. In addition, the screen has a very long scroll, which makes it hard to use.

Business requirement is to address the usability issues of the screen by logically grouping the different entities displayed in addition to displaying the quantities under return with an easy drill down screen avoiding to and fro traversal across screens / entities.

Change Details

In order to address the business need, a new screen **Inquire Material Count and Location Information** is developed. The screen is positioned under Stock Maintenance business component and can be launched using the activity **Inquire Material Count and Location Information.** In order to view the break up details for different entities a new screen **View Qty Breakup Details** is provided.

Various entities are logically grouped as under,

- Inquire Material Count and Location Information
 - o Serviceable Qty
 - Warehouse
 - Due In On Orders
 - Due In Others
 - Due Out
 - Open PR
 - o Unserviceable Qty
 - Warehouse
 - Due In On Orders
 - Due In Others
 - Due Out
 - Open PR
 - o Others
 - On Wing, Off Wing, Issue Not Attached Qty

Inquire Material Count and Location Information screen

The Inquire Material Count and Location Information screen has the following sections,

- Part Details
- Material Count Summary
- Due In / Due Out Summary

Exhibit-XXXVI: Identifies the new Inquire Material Count and Location Information screen

# P 0-0110-3-0442:363615HAZ	Owned		Supplier #	Customer	# Trading Parth	er # 👂 📘				Get Detais				
erial Count Summary		~			12	5								-
10-3-0442:363615HAZ ACOUSTICAL A		0	Comp	onent া 🚍	EMC	E/ E	A		56628		Part 1		Serviceable	Un-service
Main / Alternate Part #	5e 70	tal Otv	WH	Due In - Others	Due In - On Orders	Due Out	PR	WH	Due In - Others	Due In - On Orders	Due Out	PR	On-Winn	Off-Wina
0-0110-3-0442:363615H4Z		32.00	28.00	56.00	12.00	6.00	0.00	4.00	2.00	0.00	6.00	0.00	305.00	6
0-1INCH:99999		1.00	1.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0
TOTAL		33.00	29.00	60.00	12.00	6.00	0.00	4.00	2.00	0.00	6.00	0.00	306.00	6
Part # 0-0110-3-0442:363615	ACOUSTICAL	AFT Y PANE	L	581	828									
Part # 0-0110-3-0442:363615 In / Due Out Summary 1 - 17 / 17	ACOUSTICAL	. AFT Y PANE	L	58	828					区 🛎 👎 Al			¥	
Part # 0-0110-3-0442:363615 In / Due Out Summary 1 - 17 / 17 Intity	acoustical Sub-Entity	. AFT Y PANE	L	58 Serviceable	828	Uns	erviceabl	•	<u> </u>	区 📋 🖡 Al			¥	
Part # 0-0110-3-0442:363615 In / Due Out Summary 1 - 17 / 17 intty 9 Due-In-Others	ACOUSTICAL Sub-Entity	. AFT Y PANE	L	58 Serviceable	828	Uns	erviceabl	e) i i i i i i i i i i i i i i i i i i i	🕼 🗐 🖡 Al			v	
Part # 0-0110-3-0442:363615 in / Due Out Summary 1 -17/17 ntity 9 Due-In-Others	Sub-Entity Spares Due	. AFT Y PANE	L	Serviceable	828	Uns 0.00	erviceabl	2	<u> </u>	a			T	
Part # 0-0110-3-0442:963615 In / Due Out Summary 1 -17/17 Inity 9 Due-In-Others	Sub-Entity Spares Due In Shop Due	. AFT Y PANE	L	581 Serviceable 0.00 0.00	828	Uns 0.00	erviceabl	2	<u> </u>	F 🛱 📮 Al			V	
Part = 0-0110-3-0442-363615 In / Due Out Summary 1 - 17 / 17 Intry 9 Due-In-Others	ACOUSTICAL Sub-Entity Spares Due In Shop Due Pending return	. AFT Y PANE	L	581 Serviceable 0.00 0.00 0.00	828	Uns 0.00 0.00	erviceabl	2), m () ()	G 🛱 🚺 AI			Y	
Part # 0-0110-3-0442:953515 In / Due Out Summary 1 - 17 / 17 14 Due-In-Others	Sub-Entity Spares Due Pending return Under Return	. AFT Y PANE	L	580 Serviceable 0.00 0.00 0.00 3.00	828	Uns 0.00 0.00 1.00	erviceabl	2), H () X	G 🖹 🔋 🗚			V	
Part # 0-0110-3-0442:553615 In / Due Out Summary 1 -17 / 17 Dirty 9 Due-In-Others	Sub-Entity Spares Due In Shop Due Pending return Under Return In Transit	n	L	581 Serviceable 0.00 0.00 0.00 3.00 0.00 5.00	828	Uns 0.00 0.00 1.00 0.00	erviceabl	2), H () X	G 🗎 🕽 🗚			×	
Part # 0-0110-3-0442:953615 In / Due Out Summary 1 - 17 / 17 nbty # Due-In-Others	ACOUSTICAL Sub-Entity Spares Due In Shop Due Pendrg return Under Return In Transit Under Recept	n t	L	588 Serviceable 0.00 0.00 0.00 3.00 0.00 53.00 0.00	828	Uns 0.00 0.00 1.00 0.00 1.00 0.00	erviceabl	-	2 h 🗊 X	c = . A			Y	
Part # 0-0110-3-0412:353515 In / Due Out Summary 1 - 17 / 17 Intty 3 Due-In-Others	Sub-Entity Spares Due In Shop Due Pending return Under Receipt Quarantined F	n Receipt	L	581 0.00 0.00 0.00 0.00 0.00 0.00 53.00 0.00	828	Uns 0.00 0.00 1.00 0.00 1.00 0.00 0.00	erviceabl	2	2 iii () x	c a 🤋 🗚				
Part # 0-0110-3-0442:563515 In / Due Out Summary 1 - 17 / 17 Inity 9 Due-In-Others	Sub-Entity Spares Due In Shop Due Pending return Under Recept Quarantined F PO/ Release:	n t Slip	L	588 0.00 0.00 0.00 0.00 0.00 0.00 53.00 0.00 12.00	828	Uns 0.00 0.00 1.00 1.00 0.00 0.00 0.00	erviceabl	<u>e</u> .		6 🖹 🚺 🗛				
Part # 0-0110-3-0442:553515 In / Due Out Summary 1 - 17 / 17 Due-In-Others 9 Due-In-On Orders	ACOUSTICAL Sub-Entity Spares Due In Shop Due Pending return Under Return Under Return Under Return Dur Greiten Po / Release : Third Party Re	n Receipt Slip spair	L,	Serviceable 0.00 0.00 0.00 0.00 3.00 0.00 53.00 0.00 12.00 0.00	828	Uns 0.00 0.00 0.00 1.00 1.00 0.00 0.00 0.0	erviceabl	-	L I V X	6 8 . 4			V	
Part # 0-0110-3-0412:553515 In / Due Out Summary 1 - 17 / 17 Initity 9 Due-In-Others 9 Due-In-On Orders	ACOUSTICAL Sub-Entity Spares Due In Shop Due Pending return Under Return In Transt Under Recapt Quarantined Fe PO / Release : Third Party Re Loan In	AFT Y PANE n t teceipt Sip spair	L.	581 581 581 581 581 581 581 581	828	Uns 0.00 0.00 1.00 0.00 0.00 0.00 0.00 0.0	erviceabl)))))))))))))))))))	=	2 . 5				•	
Part # 0-0110-3-0412:353515 In / Due Out Summary 1 - 17 / 17 Intty 3 Due-In-Others 3 Due-In-On Orders	Sub-Entity Spares Due In Shop Due Pending return Under Receipt Quarantined F PO / Release I Third Party Re Loan In Loan Out	n t Receipt Sip epair	L	581 581/0628/8 0.00 0.00 0.00 0.00 53.00 0.00 12.00 0.00 0.00 0.00	828	Uns 0.00 0.00 1.00 0.00 0.00 0.00 0.00 0.0	erviceabl)))))))))))))))))))	2	2 0 0 3	G				
Part # 0-0110-3-0412:53515 In / Due Out Summary 1 - 17 / 17 Tothy Due-In-On Orders Due-In-On Orders Due Due Out	Sub-Entity Spares Due In Shop Due Pending return Under Recept Quarantined F PO / Release Third Party Re Loan In Loan Out	n t Receipt Sip spair	L	58 Serviceable 0.00 0.00 0.00 5.5.00 0.00 1.2.00 0.00 1.2.00 0	828	Uns 0.00 0.00 1.00 0.00 0.00 0.00 0.00 0.0	erviceabl)))))))))))))))))	2	2 0 0 3	(?) (?) (A)				

Part Details Section

Exhibit-XXXVII: Identifies the Part

This section acts as the Search Criteria section to retrieve the Part for which the Qty and Location information needs to be reviewed. The search can be made using the following attributes.

- Part #
- Ownership
- Trading Partner #

Details section

Part # 👂 0-001-368-016:35895	Vowned	Supplier #	Customer #	Trading Partner # 👂	Get Details	
------------------------------	--------	------------	------------	---------------------	-------------	--

A new set option "Default Ownership check-box for Material Count and Location Inquiry" is added under the new category 'Material Count and Location Information' in the **Set Inventory Process Parameters** screen under **Logistics Common Master** business component. The set option can take one of the following values; Owned, Supplier, Customer or All. When the option is set as Owned, Supplier or Customer, corresponding check boxes will appear checked on launch of the screen. If the option is set as "All" then all the three check boxes will appear checked on launch of the screen.

After entering the Part # when Get Details button is pressed, if specific Ownership is chosen then Quantities corresponding to the selected Ownership will only be considered and displayed. Also it is possible to enter specific Trading Partner # for Supplier or Customer Ownership to review the count and location details for the combination of Part # and Trading Partner #.

Material Count SummaryThis section displays the Part #, Part Description, Part Type, Part Category, Stock UOM, Mfr.# and No. of Alternate Parts. Also, the image legend for color code of multiline columns will be displayed.

Note:

✓ Static images are used to represent Part Type, Part Category, Stock UOM and Mfr. # instead of Text Labels.

Exhibit-XXXVIII: Identifies the Material Count Summary section

Mate	rial Count Summary				100										
0-001-	368-016:35895 REPAI	RABLE CAT3 STARTER		O Consum	able	NA-MISC	Ę]	EA	Pyre -	35895	No Of Alt Par	t 3	s	erviceable	Un-Service
-	1 - 5 / 5 🕨	🕨 🝸 🔣						2		🖹 🕙 👎 🖻	Al		-	r	Q
#	Main / Alternate Part #	Total Qty	WH	Due In - Others	Due In - On Orders	Due Out	PR	WH	Due In - Others	Due In - On Orders	Due Out	PR	On-Wing	Off-Wing	Issue-Not
1	0-001-368-016:35895	62.00	42.00	4.00	2.00	10.00	0.00	20.00	61.00	2.00	28.00	0.00	0.00	0.00	
2	51-26201-7095:P0970	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	51-26201-7119:P0970	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	MD146AC:P0970	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	TOTAL	62.00	42.00	4.00	2.00	10.00	0.00	20.00	61.00	2.00	28,00	0.00	0.00	0.00	
			4												•

Significance of the Columns in multiline

• Main / Alternative Part:

In the first row, the number identifying the part, for which the details are displayed. If any alternate part number is defined for the selected part, the alternate part numbers will be displayed in the subsequent multiline rows.

• Total Qty:

This column will display the sum of the following Qtys; Serviceable WH Qty + Serviceable Due In-Others + Unserviceable WH Qty + Unserviceable Due In-Others

Serviceable WH:

This column will display the Serviceable qty of the part available in the Warehouse.

• Serviceable Due In - Others:

Refer Due In / Due Out Summary Section

• <u>Serviceable Due In – On Orders</u>:

Refer Due In / Due Out Summary Section

• <u>Serviceable Due Out</u>:

Refer Due In / Due Out Summary Section

• Serviceable PR:

This column will display the Qty of Parts available in Purchase Requests of 'Authorized' status with the Condition as 'New', 'New Surplus', 'Overhauled' or 'Serviceable', which is not covered under any PO / RS.

• Unserviceable WH:

This column will display the Unserviceable Qty of the part available in the Warehouse.

• <u>Unserviceable Due In - Others</u>:

Refer Due In / Due Out Summary Section

• <u>Unserviceable Due In – On Orders</u>:

Refer Due In / Due Out Summary Section

Unserviceable Due Out:

Refer Due In / Due Out Summary Section

Unserviceable PR:

This column will display the Qty of Parts available in Purchase Requests of 'Authorized' status with the Condition as 'Unserviceable', which is not covered under any PO / RS.

Off-Wing Qty:

The count of active and mandatory position codes defined in an "Aircraft" in which the position Part # is not available.

On-Wing Qty:

The count of Part # attached to Aircraft.

• Issue-Not Attached Qty:

The Qty of the Component Part that is issued to an AME/SWO, but is not attached to any Aircraft / NHA.

Stock Value:

The Value of Part available in Stock in Base Currency.

• Part Description:

The Part Description for the given Part # as defined in Part master (i.e.) Part Administration.

• <u>Mfr. Part #:</u>

The Mfr. Part # for the given Part as defined in Part master.

• <u>Mfr. #:</u>

The Manufacturer Code for the given Part # as defined in Part master.

• <u>Prime?</u>:

This field indicates if the Part # is a Prime Part or not. If it's a Prime Part, then this field will be displayed as 'Yes'

Due In / Due Out Summary:

This section displays sub-entity level breakup Qty for the following entities; Due In-On Orders, Due In-Others and Due Out. The combo in this section will be loaded with the Main Part # and its Alternate Part #s. The breakup will be displayed for the Part # selected in the combo. In addition, the combo will also have a value "All" loaded, to review sub-entity level breakup for the part including its alternates.

1 + 17 / 17				Ŧ	
Entity	Sub-Entity	Serviceable	Unserviceable		
E Due-In-Others					
	Spares Due	0.00	0.00		
	In Shop Due	0.00	0.00		
	Pending return	0.00	0.00		
	Under Return	0.00	0.00		
	In Transit	1.00	0.00		
	Under Receipt	4.00	0.00		
	Quarantined Receipt	0.00	0.00		
Due-In-On Orders					
	PO / Release Slp	7.00	0.00		
	Third Party Repar	0.00	0.00		
	Loan In	0.00	0.00		
	Loan Out	0.00	0.00		
E Due Out					
	Material Request	0.00	49.00		
	Loaned Pending Return	0.00	0.00		
	Reades Care Euclases DO	0.00	40.000		

Exhibit-XXXIX: Identifies Due In / Due Out Summary Section

In order to facilitate grouping of sub-entity to a main entity based on organizational requirement, following options are provided.

- Display 'Spares Due' Sub-Entity under
- Display 'Pending Return' Sub-Entity under
- Display 'Under Return' Sub-Entity under
- Display 'In Transit' Sub-Entity under
- Display 'In Shop Due' Sub-Entity under
- Display 'Under Receipt' Sub-Entity under
- Display 'Quarantined Receipt' Sub-Entity under
- Display 'PO / Release Slip' Sub-Entity under
- Display 'Third Party Repair' Sub-Entity under
- Display 'Loan In' Sub-Entity under
- Display 'Loan Out' Sub-Entity under

These options can be set as "Due In - Others" or "Due In - On Orders".

Based on this definition, Qty under each of the Sub-Entity will be either counted under Due In – Others or Due In – On Orders. If the value is not defined for these options, then they will be considered under the Entities as mentioned below.

Significance of the Columns in Due In / Due Out Summary section

• <u>Serviceable Due In - Others</u>:

This column will display the sum of Sub – Entities defined based on the option settings, which are defined under Category "Material Count and Location" in the **Set Inventory Process Parameters** activity. If it's not defined, then the Sub-Entities that will be taken for the count of Serviceable Due In – Others will be the sum of the following,

• <u>Quarantine Receipt:</u>

This column will display the Qty of Serviceable Parts quarantined against a Goods Receipt or Repair Receipt or Loan / Rental Receipt.

<u>Under Receipt:</u>

This column will display the Qty of Serviceable parts available in the Goods Receipt or Repair Receipt or Loan / Rental Receipts that are inprogress.

• Spares Due:

This column will display the Qty of Serviceable Spare Parts (Parts with Issue Basis as 'Returnable') issued to an AME / SWO, for which Return is pending.

Pending Return:

This column will display the Qty of Serviceable Parts for which Maintenance Return is pending from AME / SWO.

• Under Return:

This column will display the Qty of Serviceable Parts that are available in 'Draft' or 'Fresh' Return document.

• In Transit:

This column will display the Qty of Serviceable Parts that are in-transit between two warehouses i.e., transferred from a warehouse and is yet to be received in another warehouse.

<u>Serviceable Due In - On Orders</u>:

This column will display the sum of Sub – Entities defined based on the option settings, which are defined under Category "Material Count and Location" in the **Set Inventory Process Parameters** activity. If it's not defined, then the Sub-Entities that will be taken for the count of Serviceable Due In – On Orders will be the sum of the following,

PO / Release Slip:

This column will display the Qty of Serviceable Parts ordered in a Purchase Order or Release Slip yet to be received.

• Third Party Repair:

This column will display the Qty of Parts issued to a Repair Agency yet to be received.

• Loan In:

This column will display the Qty of the Parts that is pending to be received against an authorized Loan Order.

<u>Loan Out:</u>

This column will display the Qty of Parts issued against a Rental Order, but is yet to be received.

• <u>Serviceable Due Out</u>:

This column will display the sum of Material Request Qty and Loaned Pending Return Qty of Serviceable Parts.

Material Request:

This column will display the Qty of Serviceable Parts requested against a Material Request, for which Issue of Parts is pending.

• Loaned Pending Return:

This column will display the Qty of the parts that are loaned but not yet returned to Supplier.

• Unserviceable Due In - Others:

This column will display the sum of Sub – Entities defined based on the option settings, which are defined under Category "Material Count and Location" in the **Set Inventory Process Parameters** activity. If it's not defined, then the Sub-Entities that will be taken for the count of Unserviceable Due In – Others will be the sum of the following,

• Quarantine Receipt:

This column will display the Qty of Unserviceable parts Quarantined against the Goods Receipt or Repair Receipt or Loan / Rental Receipt.

• Under Receipt:

This column will display the Qty of Unserviceable parts available in the Goods Receipt or Repair Receipt or Loan / Rental Receipts that are inprogress.

In Shop Due:

This column will display the Qty of the Main Core Parts issued to a SWO that is in-progress, for which Return is not yet confirmed.

Pending Return:

This column will display the Qty of Unserviceable Parts for which Maintenance Return is pending from AME / SWO.

• Under Return:

This column will display the Qty of Unserviceable Parts that are available in 'Draft' or 'Fresh' Return document.

• In Transit:

This column will display the Qty of Unserviceable Parts that are in transit.

• <u>Unserviceable Due In – On Orders</u>:

This column will display the sum of Sub – Entities defined based on the option settings, which are defined under Category "Material Count and Location" in the 'Set Inventory Process Parameters' activity. If it's not defined, then the Sub-Entities that will be taken for the count of Unserviceable Due In – On Orders are displayed below.

PO / Release Slip:

This column will display the Qty of Unserviceable Parts ordered in a Purchase Order or Release Slip

<u>Third Party Repair:</u>

This column will display the Unserviceable Parts that has been issued to a Repair Shop in a Repair Order but yet to be received.

Unserviceable Due Out:

This column will display the sum of Material Request Qty and Pending Core – Exch. PO Qty of Unserviceable Parts.

• Material Request:

This column will display the Qty of Unserviceable Parts requested against a Material Request, for which Issue of Parts is pending.

• Pending Core – Exch. PO:

This column will display the Qty of Unserviceable Core Part that is pending to be issued against an Exchange or PBH Exchange PO.

View Qty Breakup Details

This screen will be launched on click of any Qty data hyperlink from Inquire Material Count and Location Information screen. On launch it will retrieve and display detailed breakup along with transaction level information. In this screen two drop downs i.e., Entity and Part # enabled with an UI task is provided. User could use the drop down to select appropriate entity or sub-entity and / or part # to see the breakup details. It is not required to traverse back to the main screen to select an entity or sub-entity to review the breakup details. With this feature to and fro traversal between the main and breakup details screen can be completely avoided.

Exhibit-XXXX: Identifies the View Qty Breakup Details screen.

												-
	View Q	View Quantity Breakup Details										2 ?
L	- Entit	y & Pa	art Informat	ion								
e			Entil	y Ser-Warehouse	T		Part # 0-0033	466-0:2D671	T	Part Descriptio	TERMINAL	
3			QI	y 25	EA							
	- Qty	Break	up Details —									
		-										0
L			1-0/0							Al	•	2
2	#		Part #	Part Description	Sub-Entity	Mfr. Serial #	Serial #	Mfr. Lot #	Lot #	Component #	Quantity	Condition
	1		0-0033466-	TERMINAL	Ser-Warehouse						1.0	0 Serviceat
	2		0-0033466-	TERMINAL	Ser-Warehouse						2.0	0 Serviceat
	3		0.0033466	TERMINAL	Ser-Warehouse						5.0	0 Serviceat
	4		0.0022466	TERMINAL	Ser-Warehouse						10.0	0 Serviceat
_	5	10	0.0033466	TERMINAL	Ser-Warehouse						2.0	0 Serviceat

Map View in Inquire Material Count and Location Information screen

Reference: AHBF-3623

Background

Inquire Material Count and Location Information screen under Stock Maintenance business component is further enhanced providing a map view representing different warehouses in the user organization. Also, existing link to View Material Count and Location Information screen from different other screens in the application is replaced with the link to Inquire Material Count and Location Information screen.

Note:

✓ Kindly refer to enhancement notification "Trn-Bsg-Enh-Inquire Material Count and Location Information-AHBF-811" for more details on Inquire Material Count & Location Information screen.

Change Details

Two new parameters "Latitude" and "Longitude" are added under the category "Geographic Coordinate" in the **Set Warehouse Process Parameters** screen under **Logistics Common Master** business component.

In the **Inquire Material Count and Location Information** screen, a new map section "Warehouse Qty Summary" is added to show different warehouses in the Organization where stock is available for the Part #. Warehouse will be represented as pointers in the map based on its Latitude and Longitude. On click of the pointer, a popup appears displaying the Warehouse #, Total Available Qty, Serviceable Qty and Unserviceable Qty.

The link to launch the **View Material Count and Location Information** in the following screens is modified to launch the **Inquire Material Count and Location Information** screen.

- Stock Maintenance
 - Inquire Stock Availability
 - Part Serial # / Lot # Transaction History
- Stock Demand Management
 - o Plan Materials
- Storage Administration
 - o Maintain Warehouse Planning Parameters
 - View Warehouse Planning Parameters
- Inventory Operations WorkSpace

Note:

- ✓ Latitude and Longitude for each Warehouse needs to be specified in decimal format.
- ✓ If there is more than one warehouse available in the same location i.e., having similar latitude and longitude values, then, it is suggested to define them with at least one decimal difference for better map representation. For example, if the latitude and longitude of WH1 and WH2 are same i.e., 42.2 and -83.2. Then for WH 1 it can be defined as 42.2 & -83.2 and for WH 2 it could be defined as 42.3 and -83.3.
- ✓ Map will be displayed only if the client machine (lap top, desktop etc.) has internet connection.
- ✓ Link to old View Material Count and Location Information screen has been removed from different other screens in the application and it's replaced with link to the new screen.
- ✓ It is recommended to use the new screen Inquire Material Count and Location Information for review instead of the old View Material Count and Location Information screen as the old activity/screen will be de-supported in future.

Exhibit XXXXI: Identifies the Map in Inquire Material Count and Location Information screen



Exhibit XXXXII: Identifies the Map section in Inquire Material Count and Location Information screen



Exhibit XXXXIII: Identifies the new link to Inquire Material Count and Location Information screen from **Inquire Stock Availability** screen

	1	Inquire Stock Availab	ility						×
-	•	1-6/6 🕨 🍽 🍸	x), 🔟 🛛	× 🛛 🗰 🕒 🗭 🗭	All	•
#	1	Storage Location	Warehouse #	Part #	Mfr. Part #	Part Description	Serial #	Available Qty	UOM
1	13	YUL-HM	YULES	0-044-5-696	MP-0-044-5-696	ACOUSTICAL AFT Y PANEL	SL-001953-2014	1.00	EA
2	15	YUL-HM	YULES	0-044-5-696	MP-0-044-5-696	ACOUSTICAL AFT Y PANEL	SL-002055-2014	1.00	EA
3	10	YUL-HM	YULES	0-044-5-696	MP-0-044-5-696	ACOUSTICAL AFT Y PANEL	SL-002056-2014	1.00	EA
4	6	YUL-HM	YULES	0-044-5-696	MP-0-044-5-696	ACOUSTICAL AFT Y PANEL	SL-002057-2014	1.00	EA
5	13	YUL-HM	YULES	0-044-5-696	MP-0-044-5-696	ACOUSTICAL AFT Y PANEL	SL-002058-2014	1.00	EA
6	8	YUL-HM	YULES	0-044-5-696	MP-0-044-5-696	ACOUSTICAL AFT Y PANEL	SL-001685-2014	1.00	EA
Gener	ate Pa	rt Barcode Label	Link Cou Info	rmation sc	Part Tag Report				
View A	vailab	ility of Alternate Parts - Acros	s Locations	View Ava	ilability Of Alternate Parts -	Wh level	View Allocated Quantit	ty	
View F	arts I	nformation		View Alte	mate Part Info		View Shelf Life Renews	al History	
Inquir	e Mate	erial Count and Location Inform	nation	View Par	Supply Chain Performance		View Warehouse Plann	ning Parameter	

Exhibit XXXXIV: Identifies the new link to Inquire Material Count and Location Information screen from **Plan Materials** screen

E,	Ű	Plan Material		_						× 🔒 🕯	
-	4	31 -40/66 🕨 🖛	+ 0 0 0 7	2					AI AI	¥	,p
		Material Request #	Need Date	MR Priority	Requesting Warehouse #	Part #		Part Description	PMA?	Unallocated MR Qty	UCM
31	0	MR-001522-2014	27/08/2014	Normal	10973	51-262	21-7119:P0970	REPAIRABLE CAT3 STARTER	NO	1.00	EA
32	0	MR-001515-2014	27/08/2014	Normal		51-262	01-7119:P0970	REPAIRABLE CAT3 STARTER	NO	2.00	EA
33	8	MR-001648-2014	11/09/2014	AOG	TUUHM	364580	6:89277	WING FLAP SUPPRT BRACE	NO	2.00	EA
34	0	MR-001648-2014	11/09/2014	AOG	YULHM	364580	6:88277	WING FLAP SUPPRT BRACE	NO	2.00	EA
35	0	MR-001585-2014	01/09/2014	Normal	00123	3510-00	053-011A	3510-0053-011A	NO	1.00	TESTEA
36	0	MR-001580-2014	01/09/2014	Normal		123	بطلاحة باجا	- Incuring Material	NO	1.00	EA
37	0	MR-001694-2014	16/09/2014	Normal	00123	309	LINK to the	e înquire Materiai	NO	1.00	KT
38	0	MR-001693-2014	16/09/2014	Normal	00123	109	Count and	d Location	NO	0.00	KT
39	0	MR-001695-2014	16/09/2014	Normal	00123	109	Leferre etie		NO	1.00	10
40	0	SMR-000267-2014	03/10/2014	Low	0123	0-1	Informatic	n screen	NO	3.00	EA
											,
Create	Purd	hase Request							_		
		Create St	ock Transfer		Create Is	sue		Create Purchase Request		Update	
Create	PR b	ased PO			Check Part Availability						
View A	valab	bility of Alternate Parts			Wew PO/RS Details			View Quantities Lind	ler Repair		
Weve Q	uanti	ities in Shop			Very Quantities In Tran	tia		View Loaned-In Qua	antities		
View R	ented	d-Out Quantities			Inquire Material Count i	and Locat	on Information				

Exhibit XXXXV: Identifies the new link to Inquire Material Count and Location Information screen from **Inventory Operations** WorkSpace

inventory Operations									- 0 🌡
My Area: Warehouse	YULES			1	🗹 Easy Laun	ch 💿 Create	O Edit / View	Receipt V Document #	Go
Inventory Operations	nventory Mana	igement & Alerts							
Overdue 13 Alerts	7 In	ventory							
Warehouse # Go	All	tory	Select 🔹			Go			
VULES Component	ì 🔽	Part #	Description	Stock Status	Qty /	Illoc. Qty	Warehouse #	Action Links Create Inter WH Transfer	
 None (3) Non-Repairable (4) Repairable (10) 		1 0-0511-3-0001:99D 2 109300-12:01359 3 114T4180-2:81205	Hydro Filter Co Yir Driven Pump #2 & #11 Main T	to the Inq	uire Ma	terial (Count	Create Intre Wil Transfer View Material Count Info Inquire Stock Availability	
Rotable (8) Consumable Kit	G	4 121-7605:99999	Air Gaug and	Location I	ntorma	ion sc	reen E	View Warehouse Info View Part Information	Ļ

WHAT'S NEW IN PHYSICAL INVENTORY AND CYCLE COUNT?

Facility to include a serial controlled part from CC Plan to CC Sheet even if all the Serial # are transferred and received in another Warehouse

Reference: AHBF-867

Background

Cycle Count Plan can be used as perpetual plan to facilitate repeated counting of parts identified over the year. Once a CC Plan is created, Parts needs to be associated to the plan prior to authorization. CC Plan then can be used to create CC Sheets to facilitate counting. It can happen that the parts available during CC Plan creation could be transferred and moved to other warehouses over the period in time. As a result, when CC Sheet is created, with the option to include zero qty parts, Serial controlled parts that are transferred and received in other warehouses will not be listed. Business need is to retrieve and display the serial controlled part from the plan even if the quantities are transferred and received in other warehouses.

Change Details

Currently, retrieval of Parts into a CC Sheet is based on the availability of stock in the CC Warehouse and the option chosen to include / exclude zero qty parts. When a serial controlled part is transferred and received in another warehouse, the stock records get updated with the new warehouse for the serial #s and as a result the part does not get pulled into CC Sheet. This is not the case with Lot or None controlled parts, as new stock records will be created in the warehouse where the parts are received after transfer.

The logic to retrieve a serial controlled part from CC Plan to CC Sheet is modified as below,

- If Qty is available in stock for that Part, then same will be retrieved from stock records.
- If Qty is not available in the CC Warehouse but if there are entries in stock records with zero qty, then the part will be retrieved, if the option chosen is to include zero qty parts during CC Sheet creation.
- If Qty is not available in CC Warehouse and also there are no entries in the stock records then history of stock records will be looked at to retrieve the part, if the option chosen is to include zero qty parts during CC Sheet creation.

Note:

There are exceptions in retrieving the parts from the CC Plan to CC Sheet or from CC Sheet to Count Results.

- ✓ Part # is modified for all the existing Serial #s post creation of CC Plan / Sheet.
- ✓ Stock Status is modified for all the quantities of the Part in a CC Sheet.
- ✓ Part Data Change is done to modify the part control type for the Part after creation of CC Plan / Sheet.

WHAT'S NEW IN FACILITY MANAGEMENT?

Ability to display the Work Center specified during Issue of Tool in the Return Tools screen

Reference: AHBF-2509

Background

As the case with any Airline / MRO Operations, tools are administered by one or more Tool Cribs. A mechanic, who is in need of a tool to perform maintenance activities on an Aircraft or Component, collects the tool from the Tool Crib. Tool is returned once the maintenance activities are completed or by the end of the day / shift.

Issue Tools screen under **Facility Management** business component facilitates recording of issuance of tools. While issuing a tool, Employee # of the Mechanic is recorded against the tool. Apart from Employee #, the Work Center # of the Mechanic can also be recorded, if required.

Once in a while, using the **Return Tools** screen, Tool Crib administrator reviews the list of tools that are pending to be returned. In the event where a tool is not returned within the specified return date, Tool Crib administrator initiates necessary follow-up with the Mechanic or his/her Work Center.

Currently, **Return Tools** screen shows the Employee Name of the Mechanic to whom the Tool is issued. However, it doesn't show the Work Center # that is recorded during issuance of tool. Business need is to display the Work Center # so that the Tool Crib administrator can extract the information and follow-up with the respective Work Centers.

Change Details

In the Search Results multiline of **Return Tools** screen, a new column "Issued To: Work Center #' is added. The Work Center recorded during tool issuance will be displayed against the tool.

	-	Return Tools									_				×	-	\$	K
- 4	ccou	unting Details	Account Usage	¥			Sea	rch			(Costing Usage MA	ATERIA	ALS V				
-) 5	earc	ch Results								1444 (1444) (1444)								
-	4	1 - 5 / 5 🕨 🌬	+-0%00	T 🔣				<u>_</u>	<u>h</u> [4 🗜 🖻	All		Y	_	_	
#	12	Facility Object # 🔎	Part # 👂	Se	erial # 👂	Part Descrip	ntion	Return Condition		Stock Status		Ref. Doc Type		Ref. Doc #	Issued To:	Work C	enter	#
	E	TFAB-000019-2013	7801-S1	W	0	DRILLING	FIXTURE	Serviceable	×	Accepted	×	A/C Maint, Exe. R	Ref≢	VPP-000003	HYD	7	_	7
	E	0001	PDCC-000132-2013	Q	1	TUG		Unserviceable	*	Accepted	×					4		
	2	COMP-002854	PART-COMP SER-TEST	-1-NEW sa	be	EXP-PART-0	1-NEW	Serviceable	Y	Accepted	v			New co	lumn			
	1	TFAB-000018-2014	FFO-02	SL	-001479-2014	FFO-02 (ser	ial)	New	v	Accepted	Y		1	housel"	To			
	E	TFAB-000024-2013	7801-S1	W	3	DRILLING	FIXTURE	Serviceable	*	Accepted	۲		Ι.	133000	10.			
		•	m										1	Work C	enter	#		
R	etur	rned By /Transferred	to Details															_
			Action	Regular Return	Y					Return / Tr	ransfe	r Date & Time 25	/09/20	014	10:11:00	J	1	
		Re	turned by:Employee # 👂	01010				Received	By /	Transferred t	to Em	ployee # 👂 01	.024					
			Return / Transfer Remarks	Return of Tools									4					
			Recorded by	DMUSER														
			Recorded by	DMUSER		R	ecord Return ,	/ Transfer Info										

Exhibit XXXXVI: Identifies the new column in Return Tools Screen

WHAT'S NEW IN INVENTORY OPERATIONS WORKSPACE?

Straight through processing from Inventory Operations WorkSpace

Reference: AHBF-347, AHBF-1650

Background

Currently, to confirm an Issue document, user needs to take the action link 'Confirm Issue' and traverse to **Confirm Issue** screen from Inventory Operations WorkSpace. Once the issue document is confirmed, user needs to traverse back to the WorkSpace for processing other inventory documents. Same is the case with confirmation General / Maintenance Return and Stock Transfer Receipt or authorization of Material Request.

In order to address the usability issue of traversing from and to the WorkSpace for confirmation or authorization of pending documents, a new concept of Straight through processing has been introduced. Straight through processing will facilitate user to directly confirm / authorize the documents from the WorkSpace without traversing to respective screens.

Change Details

When an Issue, Return, Stock Transfer Receipt or Material Request is chosen from the **Document List Panel** to preview the details, and if the next step for the chosen document is either confirmation or authorization, an action button will dynamically appear next to the Document # in **the Document Preview Panel**. On click of the action button a pop-up task ribbon will be displayed with the corresponding task i.e., Confirm or Authorize. User can click the task in the task ribbon pop-up to directly confirm or authorize the document without requiring visiting the respective screens to confirm or authorize.

Action button will be displayed only if the following conditions are satisfied; Login user should have access rights to respective Confirm / Authorize activity of the chosen document and the document should be eligible for confirmation or authorization i.e., the next step. For example, if an issue document is in Fresh status and the logical next step will be to confirm the issue, but if login user does not have access rights to confirm issue activity then the action button will not be displayed.

Upon successful confirmation a success message will be displayed and the **Document Preview Panel** will be refreshed to show the latest status. Also, **Action Links Panel** will be refreshed and links to view the document alone will be displayed. In the event where the document could not be confirmed due to valid error conditions i.e., failure of referential integrity checks etc., relevant error message will be displayed. Direct confirmation of Issue from WorkSpace is supported for the following document types / sub-types:

Issue: General Issue, Maintenance Issue, Stock Transfer Issue, Loan Order Issue, Rental Order Issue, Exchange Issue, PBH Exchange Issue and Repair Order Issue.

Return: General Return and Maintenance Return

Receipt: Stock Transfer Receipt

Request: Material Request

Exhibit XXXXVII: Identifies the Action button to confirm issue from the Inventory Operations WorkSpace

All T 179	Issue	Issue - Ageing
arehouse View	To be Confirmed V	
Go	# Type Document# Date Priority Due/Age Status Aircraft References	N 1
Orders Pending Issue - Dut	1 ISU MIS-000180-2014 28:08/2014 Normal 1 Confirm Issue 1000 MR-000230-2014/00	
Open Orders - Not Due (1)	Document stamped for straight 1 Confirm Issue VT-TEST MR-000404-2013/00	12
Draft (1)	through processing Action button 4 Confirm Issue 1000 MR-000238-2014/00	1 2 2
To be Confirmed (34)	THOUGH PLOCESSING. ACTION DUILON 7 Record Hazmat Complia 1000 MR-000012-2014/00	0.0 0.00 10.00 1
Return (34)	for straight through processing.	
cument Details		Action Links Ouiok
Document #: MIS-000161-2014	art # Description Oty Stock Status CND Serial/Lot Next Action Source Doc	ACION LINKS QUICK
Date: 26 Jun 2014	X 200040 Ibde Eller 0.4.5 Overal 0.704 and 0.704	Confirm Issue
Status: Fresh	Confirm	Edit Issue
Type: Maintenance Issue	Confirm Issue	
Reference: MR-000404-2013		
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