RAMCO AVIATION SOLUTION ENHANCEMENT NOTIFICATION Version 5.8.5

Materials

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WHAT'S NEW IN STOCK MANAGEMENT?

Ability to create cycle count plan in bulk for multiple warehouses

Reference: AHBG-19975

Background

Currently, for a large organization operating at a location with multiple warehouses, creation of cycle count for all warehouses at a stretch could be challenging and cumbersome, using the existing Create CC Plan screen in Ramco Aviation. Business Requirement is to provide an ability to create Cycle Count Plans in Bulk for multiple warehouses at various levels, as CC Plans generally are initiated for all stock locations at once. Also this enhancement provides the ability to associate parts in Cycle Count Plan based on cumulative % of Inventory value.

Change Details

A new activity **Create Bulk Cycle Count Plan** is added under the **Physical Inventory & Cycle Count** business component to create Cycle Count Plans in Bulk at different CC Plan Levels i.e. Warehouse or Warehouse-Zone or Warehouse-Zone-Bin across Warehouses in one step. This enhancement also provides the ability to associate parts in Cycle Count Plan based on cumulative % of Inventory value.

- i. Specify the Plan Details such as 'Plan Description', 'Planned Start Date' and 'Numbering Type' in the header.
- ii. In the multiline, select the 'CC Plan Level' as "Warehouse", "Warehouse Zone" or "Warehouse Zone
 Bin" indicating the storage level at which the bulk cycle count plan must be generated.
- iii. Specify the 'Warehouse #', 'Zone #' and 'Bin #' for which the bulk cycle count plan is generated.
- iv. In the 'Planning Options' group box, select the 'Part Selection Mode' field as either 'Manual' or 'Random'.
 - Manual Maps all the parts that satisfies the other planning options specified such as the 'Class', 'Part Type', 'Part Category', 'Part Group', 'Part Classification', 'Expense Type', 'From / To Value', 'Cum.% Inv. Value: From/To'.
 - Random Maps the random parts for the sample size specified, out of the parts that satisfy the other planning options.
- v. Check the box 'Include Capital Parts' to include parts with expense type 'Capital' in the CC plan. The system includes the Capital parts in the CC Plan on selection of this checkbox even if you have specified the From Value and To Value fields.
- vi. Check the box 'Auto Assoc. New Parts' to automatically include in the CC plan those parts available in the warehouse/zone/bin that are not associated with the CC plan.
- vii. Specify the 'Cum. % Inv. Value: From/To.' fields to indicate the starting and the ending values in the range of the cumulative percentage inventory value for the part in a particular warehouse-Zone-Bin.
 Parts can be picked based on the contribution to the inventory value. For example, From/To can be specified as 30-100 for obtaining 70% inventory value parts.

- viii. Click the 'Create Cycle Count Plan' pushbutton. The system automatically generates the cycle count number based on the numbering type selected for all the applicable lines in the multiline.
- ix. On creation of Cycle Count Plan, the system sets the status of the documents to "Draft". Also, an offline scheduler begins to associate parts to each of the CC plan created based on the CC Plan Level and Planning Options. On successful completion of the process, system would update the status of the documents as 'Fresh', if there is no error encountered in the offline process. Else the status would still continue to remain in 'Draft' status.

Exhibit 1: Identifies the Create Bulk Cycle Count Plan screen of the Physical Inventory & Cycle Count business component.

Stock Management > Physical Inventory & Cycle Count > Create Bulk Cycle Count Plan													
Create Bulk Cycle Count Plan						겨 를 다 ◀	-? 🖸						
Plan Details Plan Description PI Plan		Planned Start Da	te 20-12-2017	(<u></u>)	Numbering Type	CCP 💌							
Plan Group	•	Planned by	00041383		Category/User Status	•	•						
$(\mathbf{f} \mathbf{f} 1 - 1/1 \mathbf{b} \mathbf{b} \mathbf{f} = \Box \not \leftarrow 0 \mathbf{c} \mathbf{T} \mathbf{T}_{\mathbf{c}}$					🕂 🗏 🔟 All	v	Q						
# CC Plan Level Warehouse # P Zone # P	Bin # P CC Pla	Plan # Status	User Defined Details -1	User Defined Details -2	Remarks	File Name 👂 Warehouse D	esc. Zon						
1 🖸 Warehouse 🗸 12345	CCP-0	000253-2017 Draft											
2 🖾 Warehouse 🗸													
Includes the part	s with	Automatical Plan #	y generates CC				Þ						
Planning Options expense type 'Ca	ipital' in												
Part Selection Mode the CC Plan		Sample Si	te		Class		•						
Part Type		Part Catego	ry	•	Part Group		•						
Part Classification	-	Last Cycle Count Date <	=		Trading Partner Type		P						
Expense Type	•	From Val	ie		To Value								
Include Capital Parts			Auto Assoc. New Parts		Cum.% Inv.Value:From/To								
		Create	Cycle Count Plan										
Associate Parts View Warehouse Info	ormation	View Zone Informati	in	View Bin Information	View F	file							

Ability to pick parts in Cycle Count Sheet based on Zones and Bins, have the Non-Discrepant Inventory available for Aircraft all time and to automatically authorize the Stock Corrections for Discrepant stock

Reference: AHBG-19975

Background

The following Enhancements have been done in Cycle Count to meet various business requirements.

- Provision to pick parts based on Zones and Bin selection in Cycle Count Sheet.
- Provision to have the Non-Discrepant Inventory available for Aircraft all time.
- Ability to evaluate and confirm the count results based on changes in system (Stock) quantity during confirmation of count results.
- Ability to automatically authorize the Stock Corrections for Discrepant stock.

Change Details

Logistics Common Master:

The following set options are added under the Category 'Cycle Count' in the **Set Inventory Process Parameters** activity of the **Logistics Common Masters** business component:

- "Freeze storage area on confirmation of CC Sheet?", with the following values:
 - 'No' System will not freeze the Part-Warehouse-Zone-Bin combination for Inventory Transactions like Stock Issue, Receipt, etc.
 - 'Yes' System will freeze the Part-Warehouse-Zone-Bin combination for Inventory Transactions like Stock Issue, Receipt, etc.
- "Generate Stock Correction for discrepant stock in Authorized status?" to authorize stock correction document automatically for the discrepancy stocks, with the following values:
 - 'No' Stock Correction document generated on authorization of count results for the discrepant stock will be generated in Draft status.
 - 'Yes' Stock Correction document generated on authorization of count results for the discrepant stock will be generated in Authorized status.
- "Enforce verification of count results when there is change in the sys. Qty.?", with the following values:
 - 'Optional' During confirmation of the Count Results, the Verified check-box need not be selected by user for the parts for which Change in Stock Qty is 'Yes'.
 - 'Mandatory' During confirmation of the Count Results, the Verified check-box should be selected by user for the parts for which Change in Stock Qty is 'Yes'

Exhibit 1: Identifies the **Set Inventory Process Parameter** screen of the **Logistics Common Master** business component.

*	D	Set Inventory Process Para	meters							쟈 (j. (†	+	;	¢ K
								Date Format dd-mi	1-2022					
<u></u>	iearch iearch	ı Criteria	New	New Set Options Cycle Count										
44	4	1 -7/7 🕨 🗰 🖻 🕸 🕸		20										Q
#		Category	Parameter		Permitted Valu	e	Value	Status	Error Message					
1		Cycle Count	Enforce automatic updation of Cycle count	als during	Enter '0' for 'A	llowed' , '1' for 'Not Allowed'	1	Defined						
2		Cycle Count	Enforce Reason when Count Qty is different t	m Stock Qty	Enter '0' for 'N	o' , '1' for 'Yes'	1	Defined						
3		Cycle Count	Enforce verification of count results when there	e is change	Enter '0' for 'O	ptional' , '1' for 'Mandatory'	1	Defined						
4		Cycle Count	Freeze storage area on confirmation of CC She	et?	Enter '0' for 'N	o' , '1' for 'Yes'	0	Defined						
5		Cycle Count	Generate Stock Correction for discrepant stock	in	Enter '0' for 'N	o' , '1' for 'Yes'	1	Defined						
6		Cycle Count	OverDue Date for cycle count sheet based on p	olan	Enter '0' for 'N	on Mandatory' , '1' for	1	Defined						
7		Cycle Count	Short Closure of CC Sheet under Counting/Reco	ounting	Enter '0' for 'N	ot Allowed' , '1' for 'Allowed'	1	Defined						
8														
		4												•
					Se	t Parameters								
+	lecor	Statistics												

Physical Inventory & Cycle Count:

Edit Cycle Count Plan

A new display field 'Offline Processing Status' is added in 'Other details' section in **Edit Cycle Count Plan** screen. The system displays one of the following options:

- If the offline service broker is still running, then the system displays the Offline processing status as 'Inprogress'.
- If processing of offline service broker is completed and if Parts are associated successfully, then the system displays the Offline processing status as 'Completed'.
- If processing of offline service broker is Not completed, due to error, then the system refers the error log and displays the Offline processing status as Error.



Exhibit 2: Identifies the Edit Cycle Count Plan screen of the PICC business component.

\star 🗎 Edit Cycle Count Plan	n					44 4 1 2 3	3 4 5 ▶ ₩	5 /8 🕮 🖷	□ 🕂 ?	[o
- Plan Details										
CC Plan #	¢ CCP-000302-2017		Plan Description	Bharath -	Testing		Status	Fresh	•	
Planned Start Date	e 22-12-2017 🗰		Plan Category		•		User Status		•	
Planned by 🔎	00041383		Plan Group		•					
CC Plan Level	Warehouse 🔻		Warehouse#	01234	 Test Warehous 	ie .	WH - Zone # 👂			
Planning Options										
Part Selection Mode	🔬 Manual 💌		Sample Size				Class		•	
Part Type	2 V		Part Category		•		Part Group		•	
Part Classification	a 🔍 🔻		Ownership		•		Trading Partner # 👂			
Expense Type	ż 🔍 🔻		Last Cycle Count Date <=				\checkmark	Automatically ass	ociate New Parts	
From Value	A		To Value				\checkmark	Include Capital P	arts	
Count Interval Details Assoc	ciate Bins									
44 4 1 -3/3 ▶ ₩ ¥	Tx						All	•	L	с
# Class	Desired Accuracy (%)		Current Accuracy (%)		Count Interval (Days)					
1 A		5.00		1.00					7,005	5
2 B		5.00		4.00					7,224	ŧ.
3 C	New Display	9.00		0.00					3,691	
	New Display									
	field added									
- Other Details	<u> </u>									
	User D					User Defined Deta	il -2			
	Remarks									
0	Offline Processing Status Successful									
- Attachments										
	File Name 👂		View File							
		Edit (Cycle Count Plan		Cancel Cycle Co	ount Plan	Associate Parts			
Record Statistics					·					
	Created by DMUSER					Created D	ate 22-12-2017			
	Last Modified by DMUSER					Last Modified D	Jate 22-12-2017			

<u>View Cycle Count Plan</u>

A new display field 'Offline Processing status' is added in 'Other details' section in **View Cycle Count Plan** screen to display the offline processing status information for the CC Plan #.

Exhibit 3: Identifies the View Cycle Count Plan screen of the PICC business component.

\star 📋 View Cycle Count Plan					44 4 261	262 26	53 264 265 + 1	→ 263 /265 IC			?	Q .
- Plan Details												
CC Plan # CC	CP-000290-2017		Plan Description	Bharath - Te	est 2			Status Cancelled				
Planned Start Date 21	1-12-2017		Planned by	00041383			Use	er Status				
CC Plan Level W	/arehouse		Warehouse#	AUS-10973	Australia Warehouse		WH -	Zone #				
Part Selection Mode M	lanual		Sample Size				Last Cycle Count [Date <=				
Ownership			Trading Partner #			Autor	matically associate Ne	ew Parts No				
From Value			To Value				Include Capi	tal Parts No				
Count Interval Details Associate	ed Bins											
44 4 1 - 5 / 8 🕨 🕨 🝸 式						# #	IIA OIIO				Q	*
# 🗖 Line # Part # F	Part Description	Class	Desired Accuracy (%)		Current Accuracy (%)		Count Interval (Day	vs)		Item Stat	us	
1 🗖 1 0-0110-3- E	BOLT	A		100.00		100.00			90	Cancelled		
2 🗖 2 015T0165- #	#6 SLAT	A		100.00		100.00			90	Cancelled		
3 🗖 3 0F28- F	RING	A		100.00		100.00			90	Cancelled		
4 4 10003367:5 0	CYLINDER	Α	100.00				100.00 90 Cancelle					
5 🗇 5 1006150- A	ARMCAP ASSEMBLY IAT	Α		100.00		100.00			90	Cancelled		
Other Details Use Offline	New Display field added er Demote Scan a <u>Pemate</u> e Processing Status Completed				User I	Defined De	etail -2)	-
	File Name	16	Count Sharts Connected									_
view Status Log		view	count sneets Generated									
- Record Statistics												
	Created by DMUSER					Created	d Date 21-12-2017					
	Last Modified by DMUSER				La	st Modified	d Date 21-12-2017					
	Authorized by					Authorized	d Date					

Create Cycle Count Sheet on Plan Basis

A new section 'Search Criteria' is added in **Create Cycle Count Sheet on Plan Basis** screen to pick parts based on Zones and Bin selection in Cycle Count Sheet. Under this new section two new controls 'Zone #' and 'Bin #' is added. With the help of these two controls, user can filter the parts based on the user entered values provided in Zone /Bin #.

A new display field 'Zone #-Bin #' is added in the **Part details** multiline. If part - stock status combination is available in the multiple zone/bin, then it will display the Zone -Bins by concatenating all the Zone and Bin details. If multiple values are there, it will be separated by comma. Example: Z1-B1, Z1-B2,...

Exhibit 4: Identifies the Create Cycle Count Sheet on Plan Basis screen of the PICC business component.

Sheet Decails CC Sheet # Sheet Description CC Plant # Sheet Description CC Plant # CCC Plant # CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	Create Cycle Count Sheet On Plan Basis			44 4 96))	» 🧕 96 🕫 🖶 🖶 96 /96 🕫 🖥
CC Sheet # Status Sheet Description CC Plan # CCP-000315-2017 Warehouse Description Australia Warehouse Execution Details System Quantity Display Show System Quantity Count Data [25-12-2017] Work Details Count Data [25-12-2017] Count Data [25-12-2017] Count Data [25-12-2017] Count Mandatory Required Criteria' added to three columnar approach is changed to three columnar approach. Fact Since # A Search Criteria Zene # P At Count Interal (Days) Last Counted On Next Due On Stock Status System Quantity Found no rows to display!!! New Section / Search UN Zene # - Bin # Part in CC Sheet Part Part Details Found no rows to display!!! New Field' added in multiline	- Sheet Details				
Sheet Description CC Plan © CC P400318-2017 Warchouse Description Australia Warchouse Plan Description Testing - CC Wir Zone # A2 Zone Description Expendiables System Quantity Display Show System Quantity Count Date [26-12-2017 © Other Details Class Part Category # of Parts For CC Sheet Class Part Category # of Parts for CC Sheet Description Cass C Plan © C Plan 2 Part Group # of Parts Pending 0 Feedules Get Details Part Description Class Count Interval (Days) Last Counted On Next Due On Stock Status System Quanty Stock UON Zone # . Bn # New Field' added In multiline	CC Sheet #	Number	ing Type CS 🔻	Sta	atus
CC Plan # CCP-000318-2017 Plan Description Testing - CC Warehouse # AU5-19973 Warehouse Description Australia Warehouse WH - Zone # A2 Zone Description Expendables Image: System Quantity Two columnar Regulared New Section 'Search Criteria' added Image: Count Date Count Date Zone Description Testing - CC New Section 'Search Criteria' added Image: Count Date Count Date Zone Description Testing - CC New Section 'Search Criteria' added Image: Count Date Count Date Zone Description Testing - CC New Section 'Search Criteria' added Image: Count Date Count Date Zone Description Testing - CC New Section 'Search Criteria' added Image: Count Date Count Date Zone Description Testing - CC New Section 'Search Image: Count Date Count Date Part Type Part Group Part Sector Part Sector Part Sector Part Sector Image: Count Date Count Sector Part Sector Part Sector Image: Count Date Count Date Part Sector Part Sector Image: Count Date Count Date Part Sector Part Sector Image: Count Date Count Date	Sheet Description	Ove	Due Date 26-12-2017	III User Sta	atus 🔍
Warbouse Description Australia Warehouse WH - Zone # A2 Zone Description Expendables Execution Details System Quantity Display Show System Quantity Count Data Zet-12:2017	CC Plan # CCP-000318-2017	Plan D	escription Testing - CC	Warehou	se# AUS-10973
Execution Details System Quantity Display Show System Quantity Count Date 26-12-2017 approach is changed to three columnar approach is changed to three columnar approach. Part Category # of parts for CC Sheet Two columnar approach. Bin ≠ p B2 Get Details Get Details To r, To r, To r, To r, To r, Found no rows to display!!! New field' added in multiline	Warehouse Description Australia Warehouse	WF	- Zone # A2	Zone Descrip	tion Expendables
System Quantity Display. Show System Quantity Count Date 26-12-2017 approach is changed to three columnar approach. # of parts for CC Sheet Search Criteria Zone # P A1 Bin # P B2 Get Details Part Details Part Details Part a count Mandatory Required V New Section 'Search Criteria' added Part Type Parts in CC Plan 2 # of Parts Pending 0 Get Details Part Details Part Details Part 2 Found no rows to display!!! New field' added in multiline	Execution Details				
Count Date [26-12-2017 approach is changed to three columnar approach. Part Type Parts in CC Plan 2 Found a counted Parts Part Group Parts Pending 0 Found a counted Parts Criteria' added Part Group # of Parts Pending 0 Found a counted Parts Criteria' added Part Group # of Parts Pending 0 Found a counted Parts Criteria' added Part Group # of Parts Pending 0 Found a counted Parts Criteria' added Part Group # of Parts Pending 0 Found a counted Parts Found no rows to display] New field' added in multiline	System Quantity Display Show System Quantity		t Mandatory Required 💌	New Section 'Search Rty I	Parts Exclude
Class approach is changed to three columnar approach. Part Type Parts in CC Plan 2 Part Group # of Parts Pending 0 Image: Search Criteria Search Criteria Bin # p B2 Image: Courted Parts Search Criteria Image: Search Criteria Bin # p B2 Image: Courted Parts Search Criteria Image: Courted Parts Bin # p B2 Image: Courted Parts Search Criteria Image: Courted Parts Bin # p B2	Count Date 26-12-2017			Criteria' added	
Parts Category approach. Parts Category # of Parts Pending 0 # o		approach is changed	Ded Ture		
rate Category approach. Fold and Counted Parts Image: Search Criteria Exclude Counted Parts Image: Search Criteria End # P Bin # P B2 Get Details Image: Search Criteria Image: Search Criteria Image: Search Criteria	Udss	to three columnar	Fart Type	# of Parts Page	ding 0
Search Criteria Zone # P A1 Bin # P B2 Get Details Part Details I found no rows to display] Part # Part # Part Description Class Count Interval (Days) Last Counted On Next Due On Stock Status System Quantity Found no rows to display!!! New field' added in multiline	# of parts for CC Sheet	approach.	Evolude Counted Parts	# 01 Parts Peni	ang o
Image: Concept point Image: Concept point Image: Concept point Ima	Search Criteria		Exclude Counted Parts	P	
Get Details Image: Status I	Zone # 👂 🗛		Bin # 👂 B2		
Get Details					
Part Details Vert Part Description Class Count Interval (Days) Last Counted On Next Due On Stock Status System Quantity Stock UOM Zone #-Bin # New field' added in multiline			Get Details		
Image: Control of the second secon	Part Details				
# Line # Part # Part Description Class Count Interval (Days) Last Counted On Next Due On Stock Status System Quantity Stock UOM Zone # - Bin # Found no rows to display!!! New field' added in multiline					-
Found no rows to display!!! New field' added in multiline	# [No records to display] / // - 1 1 _x	Class Count Interval (Dave) Last Counts	d On Navt Dua On Stack St		, , , , , , , , , , , , , , , , , , ,
Found no rows to display!!! New field' added in multiline	# Dine # Part # Part Description	Class Count Interval (Days) Last Counter	TON WEXE DUE ON SLOCK SLA		
New field' added in multiline			Found no rows	to display!!!	
in multiline					
in multiline				New fiel	d'added
				in multil	ine
Previous Next			Previous Next		
Create Count Sheet Confirm Count Sheet	Create Coun	it Sheet		Confirm Count Sheet	
Edit Cycle Count Sheet	Edit Cycle Count Sheet				
View Warehouse Information View Zone Information Generate Cycle Counting Sheet Report	View Warehouse Information	View Zone Information		Generate Cycle Counting Sheet Report	t

Edit Cycle Count Sheet

A new display field 'Zone #-Bin #' is added in the **Part details** multiline of the **Edit Cycle Count Sheet** screen which identifies the zone-bin for the Part- Stock status combination which is to be included in the Cycle Count sheet.

The two columnar approach has been changed to three columnar approach in the **Select Cycle Count Sheet** screen and the **Edit Cycle Count Sheet** screen of the Edit Cycle Count Sheet activity.

The system on confirmation of the cycle count sheet freezes the parts (Warehouse # - Part # -Stock status) based on the process parameter "Freeze storage area on confirmation of CC Sheet?" in the "Set Inventory Process Parameters" screen of the "Logistics common master" business component.

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Exhibit 5: Identifies the select screen of the Edit Cycle Count Sheet activity

★ 🗎 Select Cycle Count Sheet	≭ 륨 ⇄ ← ? ট	ĸ
Direct Entry Edit Cycle Count Sheet		_
CC Sheet #	Two columnar approach is changed to three columnar approach.	
- Search Results		Q
# CC Sheet # Sheet Description CC Plan #	Plan Description	-
1 CS-000135-2017 egyrhu54j CCP-000226-2017	tet	
2 CS-000136-2017 afwsg CCP-000211-2017	DS	
4		•
Cancel Count Sheet		_

Exhibit 6: Identifies the Edit Cycle Count Sheet screen

\star 📋 Edit Cycle Count She	et			44 4 1	2 > >> 2	/2 🕫 🖶 🗧 🖬 🗖
CC Sheet #	CS-000136-2017	Sheet Description afwsg			Status Draft	
Sheet Basis	Based on Plan	User Status	T			
CC Plan #	CCP-000211-2017	Plan Description DS			Warehouse# YULC	s
Warehouse Description	Ban Main warehouse	WH - Zone #		Zo	ne Description	
Execution Details	Show System Quantity	Percunt Mandatony Pequi	red 💌		OverDue Date 21-1	2,2017
Count Date	31-12-2017 m	Zero Oty Parts Evolut	e		No of records 2	2 2017
- Other Details		Zelo Quy Parts Exclud	c		No. of records 2	
Class		Part Type			Part Group	
Part Category		# of Parts in CC Plan 157		# of	Parts Pending 129	New field' added
	Exclude Counted Parts					in the multiline
		Get Uncovered Pa	rts			
Part Details						
	T Tx		人口回	X Z İ C I I II	All	<u>م</u>
# 🖾 Class	Count Interval (Days)	Last Counted On	Next Due On	System Quantity	Stock UOM	Zone # - Bin #
1 🖾 C		107 14-03-2017	29-06-2017	9,372.00	EA	G ACM_NEW_BI
2 🖾 C		107 14-03-2017	29-06-2017	4,990.00	EA	TECH - 0750
4						<u>ا</u>
		Previous	Next			
Edit Count	Sheet	Confirm Count Sheet			Cancel Count S	neet
Generate Cycle Counting Sheet Report						
- Record Statistics						
	Created by DMUSER			Created Date 21-12	-2017	
	Last Modified by DMUSER			Last Modified Date 21-12	-2017	

View Cycle Count Sheet

The two columnar approach has been changed to three columnar approach in the **Select Cycle Count Sheet** of the View Cycle Count Sheet activity.

Exhibit 7: Identifies the select screen of the View Cycle Count Sheet activity

\star 📋 Select Cycle Count Sh	eet		≭ 틈 ቩ ← ? 뎒 民
Direct Entry			
Search Criteria CC Sheet # Cass Part Group Warehouse#	CC Sheet #	View Cycle Count Sheet CC Plan # Part # Part Category WH - Zone # Search	Two columnar approach is changed to three columnar approach.
(i i −5/17) >>	τ τ.	A	<u>⊾ 5 x 2 ä # = III AI ▼ </u>
# CC Sheet #	Sheet Description	CC Plan #	Plan Description
1 🖾 CS-000001-2011	E2E Cycle Count Sheet	CCP-000001-2011	E2E testing cycle 2
2 CS-000002-2011	E2E INV-10 CC sheet	CCP-000004-2011	E2E INV-002 consignment
3 🖹 CS-000003-2011	cycle count testing	CCP-000005-2011	testing 1 2 3
4 🖾 CS-000103-2015	re	CCP-000131-2015	er
5 CS-000105-2016	test	CCP-000132-2016	test for it
<			>
View Summary Sheet			

Enter Cycle Count Results

Two new display fields 'Change in Stock Qty.?' and 'Verified?' checkbox are added in the **Part details** multiline in the **Enter Cycle Count Results** screen.

Change in Stock Qty.? - Indicates whether there is a change in the quantity of stock which could be "Yes" or "No".

- Yes If there is a difference between Current Stock Qty in Inventory and Persisted Stock Qty at the time of confirmation of CC Sheet.
- No If there is no difference between Current Stock Qty and Persisted Stock Qty.

Verified? - Indicates whether the cycle counting is done or not.

- If the set option "Enforce verification of count results when there is change in the Stock Qty?" of the "Logistics Common Master" business component is set as '0' (No) or 'Blank' or Changes in the stock Qty? is derived as 'No', then the Verified? checkbox need not be checked during confirmation of results.
- If the set option "Enforce verification of count results when there is change in the Stock Qty?" of the "Logistics Common Master" business component is set as '1' (Yes) and if Changes in the Stock Qty? is derived as 'Yes', then the Verified? checkbox should be checked during confirmation of results.

The two columnar approach has been changed to three columnar approach in the **Select Cycle Count Sheet** of the Enter Cycle Count Results activity.

Exhibit 8: Identifies the select screen of the Enter Cycle Count Results activity

*		Select Cycle Count S	heet					23		ţ	+ '	? [ō K
	irect I	Entry											
	earch	Criteria	CC Sheet #	Enter Count Results									
		CC Sheet #		CC Plan #			_	Class	•			_	
		Part Type	Component × v	Part Group			•						
		Warehouse#	•	WH - Zone #				I wo columna	r				
		Sheet Status	v					approach is cl	nand	ged			
					Search			to three colum					
	earch	Results						to three colur	IIIIdi				
	4	1 -4/4 🕨 🗰	T T _x			<u>له</u>	o x c é 🖛 🖷	approach					Q
#		CC Sheet #	Sheet Description		Sheet Status		CC Plan #	Plan Descript	non			•	
1		CS-000119-2017	test		Confirmed		CCP-000172-2017	Plan for Aug	'17 - YU	L			
2		CS-000120-2017	test 1		Confirmed		CCP-000172-2017	Plan for Aug	'17 - YU	L			
3		CS-000123-2017	123455		Confirmed		CCP-000183-2017	CC PLAN TES	T - BAN	CUST			
4		CS-000129-2017	dd		Confirmed		CCP-000210-2017	DS					
		<											>
-													

Exhibit 9: Identifies the Record Count / Recount Results for Cycle Count screen

*	🛨 🗎 Record Count / Recount Results for Cycle Count 🤐 🤄 🕹 🖓 👘 🛱 🖨 🔶 ? 🗔														? 🗔 (
Sh	eet D	etails																					
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				She	eet Basis Base	d on Plan				CC Plan # CCP-000210-2017 Description DS													
				Ware	house # 0123				Warehouse E	Description Wareho	use 1	N	lew fie	lds add	ed in	'Part		Zone #	01				
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#		ENT	PCT	DIS	Part # 🔎		Counted by 🔎	Date Of Countin	g	Change in stock	Qty?			Verified?		Certificat	te Type			Certi	icate #		
1		B			:35895	~				No						-				~			
					-25005	~				Yes										*			
2	-				:00090	~				No										~			
3					:35895	~				No				1						~			
4					-25005	~				Yes				1						~			
7					.55655	~				Yes				1						~			
5					0-001-368-	~				No				1						~			
6	F				0.001.269.	*				Yes				1						~			
0					0-001-500-	~				No				1						*			
7					0-001-368-	~				No										*			
	_	-				<																	>
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Genera	ite Cy	de Reco	ounting	Sheet	Report																		

View Cycle Count Results

Two new display fields 'Change in Stock Qty.?' and 'Verified?' checkbox are added in the **Part details** multiline in the **View Count/Recount Results** screen.

Exhibit 10: Identifies the View Count/Recount Results screen



Ability to Quarantine parts during Stock Transfer Receipt

Reference: AHBG-15519

Background

Whenever a part is received in a warehouse (by Stock Transfer Receipt), there could be various reasons because of which the part needs to be quarantined. Also, there could be various information that needs to be captured as part of the Stock Transfer Receipt document. A provision is required to enable quarantine of the parts and to capture the supplementary information in Stock Transfer Receipt.

Change Details

Logistics Common Master

Manage Logistics Quick codes

In the **Manage Logistics Quick Codes** activity of the **Logistics Common Master** business component, on selection of the value "Supplementary Info - Receipt" in the Quick Code Type, the Ref. Doc Type combo UI is loaded and defaulted with the value "Receipt". The Ref. Doc. Sub Type combo is loaded with a new value 'Transfer Receipt' along with the existing values 'Regular Purchase', 'Repair Receipt', 'Customer Goods Receipt' and 'Blank'.

Exhibit 1: Identifies the screen Manage Logistics Quick Codes in the Logistics Common Master business component

*	D	Manage Logistics Quick C	odes		Ramco Role - RAM	co ou 🗸 🖈 🖶 🖨 🔶 🔶	? 🗔 🗖						
-	5elect	Quick Code Type			- Qu								
-	Quick	Code Details	Ref. Doc.Type Supplementary Info - Receipt Ref. Doc.Type Receipt ref. Doc. Sub Type Transfer Receipt	•	New Va Receipt drop-do	lue 'Transfer ' is added in the own list	Code Type Mandatory?Not Applicable Quick Code Type Usage Multiple						
(4 4 1 -3/3 →)→ + - □ + ○ ☆ ☆ ▼ T, 人 LL □ X C □ X C ■ # III AI ▼													
#		Quick Code	Description	Default?	Mandatory?	Applicable on?	Parts Associated?	Recorded at Srl/Lot?					
1	E	QC2	DAFSDFSG	~		Document 🗸	NA	No	~				
2		QC1	DESCQC1	~	V	All Parts 🗸	NA	No	*				
3		QC3	DAFSDFSGRWETT	~	V	All Parts 🗸	NA	No	~				
4				×		*		No	*				
		<							>				
		Update All Ref.	Doc. Sub Types		Save								
Asso	ciate P	arts											

15 | Enhancement Notification Goods Inward

Manage Quarantined Parts

In the **Manage Quarantined Parts** activity of the **Goods Inward** business component, in the "Receipt/ Quarantine Info." section, a new Receipt Type is added. On selection of the value "Receipt Type" in the "Receipt Info." field, the adjacent combo UI is loaded with the new value "**Transfer Receipt**" along with the existing values 'Goods Receipt', 'Repair Receipt', 'Customer Goods Receipt' and 'Not Determined'. "Quar. Stage" in the multiline, is displayed with values "Receiving" or "Inspection" depending on the stage where the parts are getting quarantined. If the Parts are getting quarantined in **Record Stock Transfer Receipt**, then Quarantine Stage should be updated as 'Receiving'.

Exhibit 2: Identifies the screen Manage Quarantined Parts in the Goods Inward business component



Stock Receipt

Record Stock Transfer Receipt

In the **Record Stock Transfer Receipt** screen of the **Stock Receipt** business component, following changes are done.

- New display field "Supplementary Info.?" Is added in the 'Stock Receipt Information' section of the Receipt Information tab. Based on the Quick Code defined under Manage Logistics Quick Code activity in the Logistics Common Master business component for the Quick Code Type "Supplementary Info - Receipt" and the Ref. Doc. Sub Type 'Transfer Receipt', one of the following values will be displayed:
 - Pending Active Quick Code exists for the Quick Code Type 'Supplementary Info Receipt' and Ref. Doc. Sub Type 'Transfer Receipt' combination and at least one of the Quick Code is defined as mandatory (either at Part level, Document level or both).
 - Optional Active Quick Code exists for the Quick Code Type 'Supplementary Info Receipt' and Ref. Doc. Sub Type 'Transfer Receipt' combination but none of them are mandatory (either at Part level, Document level or both).
 - Not Applicable Active Quick Codes does not exist for the Quick Code Type 'Supplementary Info -Receipt' and Ref. Doc. Sub Type 'Transfer Receipt' combination.



- New display field "Supplementary Info.?" Is added in the 'Stock Receipt Information' section of the **Receipt Information** tab. One of the following values will be displayed.
 - Yes If any of the part in the Part Information multiline is Quarantined.
 - No None of the parts in the receipt is Quarantined.
- New fields "Quarantined?", "Reason for Quarantine", "Quarantine Comments", "Quarantine Status", "Resolution Resp.?", "Resolution Comments" and "Quarantine Area" are added in the "Part Information" multiline.
- New Link "Manage Supplementary information" is added in the link section to record the supplementary Information for the stock transfer receipt.

Exhibit 3: Identifies the Record Stock Transfer Receipt screen in the Stock Receipt business component

Record Stock Transfer	Receipt								Z\$ [+	? [
- Search Criteria												
51	ock Transfer Issue # 👂	STI-002470-2017	Get details									
Receipt Information Re	ference Document & Addi	ional Details										
- Stock Receipt Information												
Transfer Rec	eipt #		:	Status		Numbe	ering Type	SRC 🔻				
Receipt Warehou	ise# 0123 ▼		Receipt	Date 27-12-2017		F	Received By	DMUSER				
Receipt Cat	egory 🔻		User	Status		Co	sting Usage			Ŧ		
Supplementary	Info.?		Parts Quaran	tined?			Remarks					
Trading Partner Informatio		w display field	<u> </u>									
Trading Partner	Type Customer	a alala al	Trading Part	tner # 400006		Trading Pa	rtner Name	Customer 7				
	IS	added			New fields are ac	lded						
Default Values			-		in the multiline							
Default	Zone 🔻		De	efault Bin 🛛 🔻	7 /							
Part Information												
(i)		Tx] ≫ C ∓ = II	All		•		,	o
# 🗆 Line # PRT	f Quarantined?	Reason for Quarantine	Quarantine Comments	Quarantine Status	Resolution Resp.?	Resolution Comments	Quarantine A	rea 3	Serial #	Stock	Statu	5
1 🗉 1		~				~	Q1	v (02	Custo	mer O	wr
2		~				v	Q1	~				
	<										>	
Attachments												
	File Name 👂		View File									
Recor	d Transfer Receipt		Co	onfirm Trans <u>fer Recein</u>	t	-	Cancel	Transfer R	eceipt			
					link is added							
Record Material Loss		Manag	e Supplementary Informatio		unnlomontor	Record Hazmat Compliance	e					
Kecoro Inspection Details		Edit Re	rerences	for s	upplementary	upload Documents						
manage Part Sendi MOD Detalls				Info	mation							
View Associated Doc. Attachments		Genera	ate Part Barcode Label			View Part File						

Manage Supplementary Information

A new screen "Manage Supplementary Information" is added to record and manage the supplementary information for the stock transfer receipt, while receiving the stock transferred from a warehouse that could be in the same location or different location.

- The "Ref. Doc #", "Ref. Doc. Type" and "Ref. Doc Status" fields in the header section displays the details of the reference document.
- "Display Option" can be selected as "Document Level", "Part Level" or "All", to retrieve and display the supplementary information at Document Level, Part Level and both.
- The 'Part #' drop-down list box lists all the parts received against the Transfer Receipt document. Using Part # drop-down, supplementary information can be filtered for the selected Part #
- Check the "Display Serial #/Lot #" box to retrieve the serial #/Lot # details in the multiline.

- In the multiline, the "Supplementary Entity" field displays the quick code defined under quick code type Supplementary Info Receipt and Ref. Doc. Sub Type (Regular Purchase/Customer Goods Receipt/Repair Receipt) combination at part level or document level in the Manage Logistics Quick Codes activity of the Logistics Common Master business component.
- In the 'Supp. Entity. Value' field, the receiving clerk enters the values for the Supp. Entities listed down in the multiline.
- On clicking "Save", the supplementary information for the stock transfer receipt can be recorded.

Exhibit 4: Identifies the screen Manage Supplementary Information in the Stock Receipt business component

* 🗉	Manage Supple	mentary Inf	formation										+ 3	2	ĸ
	Re	f. Doc # SRC-0	00940-2017		Ref. D	ос. Туре				Ref. Doc Status	resh				
	Displa	ay option Part L	evel			Part # 25-7	0129-1:358 💌			V ()isplay Serial#/	Lot #			
44 4	1 -1/1 🕨 🗰	+ - 0 :	4 T T							All DIO		•			Q
#	Part #	Serial #	Lot #	upplementary Entity	Description	Mandatory	Supp. Entity Value	Remarks	Manufacturer Serial #	Manufacturer Lot #	Part Descript	ion C	reated by	/ Date	
1	25-70129-1:35895		LOT-000005-20	11	part12	No				test-end-inv-10	DOCUMENT	D	MUSER/D	ec 27 20	017
2	8														
		4		details at part le document level	vel, or both	Save	Click t save t inform	he push he suppl nation	button to ementary						•

Ability to display other customer stock visibility in Plan Materials screen

Reference: AHBG-19658

Background

When an MRO requests a Part and if the requested part is not available in the requested warehouse, the system will fetch and display the MR into **Plan Material** screen. Plan Materials screen will aid the materials planner to verify if the requested parts are available in any other warehouses in the location. If a requested part is available in any other warehouse having no hard allocation, then the same will be displayed as WH free qty. As per the current system behaviour, Plan Material will consider only Requested part, Requested Stock Status, Alternate part, Alternate Stock status (Internal & Supplier Ownership) for identifying the WH Free Qty. But there is no provision to consider Other Customer stocks as a WH Free qty.

Business need is to facilitate visibility of other customer stocks available in other locations, when the parts are not available in the Requested ownership.

Change Details

This enhancement provides the ability to display other customer parts in Plan Material screen. When other customer stocks are available in the different locations, then the system displays the same as WH free quantity along with From WH details.

Usage of other customer parts, when requested customer part is not available in the stock

When a requested customer part is not available, but there are other customer stocks are available, then display the other customer stocks as WH free quantity based on following options.

- Usage of other Customer stocks under the category 'Customer Parts Usage' must be set as "Allowed" in the Manage Additional Options screen of the Customer business component.
- **Demand & Receipt pegging preferences across ownership** must be defined for the Requested customer.

Usage of other customer parts, when requested internal part is not available in the stock

When a requested internal part is not available, but there are other customer stocks are available, then display the other customer stocks as WH free quantity based on following options.

- 'Usage of Customer Parts in case of shortage of Internal Parts' under the category 'Stock Demand Management' must be set as "Allowed" in the Set Inventory Process Parameters screen of the Logistics Common Master business component.
- **Demand & Receipt pegging preferences across ownership** must be defined for the Requested ownership.

Ability to manage stock status restriction for customer stocks

Reference: AHBG-20414, AHBG-20034

Background

Whenever customer owned stock is transacted in inventory, the Customer-Stock Status mapping needs to be validated. Business requirement is to restrict the selection of the Stock Status that is not mapped to the customer selected, to provide better control of Customer Owned inventory. Customer-Stock Status mapping is validated in the various transactions: Customer Goods Receipt, Goods Receipt, Unplanned Receipt, Maintenance Return, General Return, Unplanned Return, Stock Conversion and Stock Correction.

Change Details

Logistics Common Master:

A new set option "Enforce Stock Status restriction for Customer stock?" is added under the Category 'Stock Status Restriction' in the **Set Inventory Process Parameters** activity of the **Logistics Common Masters** business component to enable / disable restricted stock status:

- 'No' Stock Status that is selected should be of Ownership 'Customer'.
- 'Yes' Stock Status that is selected in the respective transaction (i.e. Goods Inward, Stock Receipt) should be mapped to the respective Customer # in Manage Restricted Stock Status screen in the interacting Customer business component.

Exhibit 1: Identifies the Set Inventory Process Parameters screen

Procurement Management > Logis	stics Common Master 🗲 Set Inventory Process Par	ameters					
\star 🔋 Set Inventory Process Par	ameters					과 률 다 두	? 🗔 🗖
- Search Criteria		Category Stock Status Rest	riction	Date Format d	d-mm-yyyy		
Search Results							0
44 4 1 - 1/1 → W + □ Q # □ Category	Parameter	Permitted Value	Value St	≤ ≘ ≫ # # ₪ tatus	Error Messa	7e	Q
1 Stock Status Restriction	Enforce Stock Status restriction for Customer stock?	Enter '0' for 'No' , '1' for 'Yes'	1 De	efined			
	New Set Option Added						•
		Set Parameters					

Customer:

A new screen Manage Stock Status Restriction is added as a link in the Create Customer Record, Edit Customer Record and View Customer Record screens in the Customer business component. This screen provides the list of stock statuses that can be restricted to each customer. A stock status mapped to one customer cannot be reused for another.

On screen launch, the Customer #, Customer Name and Customer Category are retrieved in the header of the screen. On selection of stock status in the multiline, the corresponding stock description and Valuated flag must be retrieved automatically in subsequent columns from the User Defined Stock Status master. On click of save, system will validate if the stock status selected is already mapped to any other customer.

Note: Defining restricted stock status is not mandatory. Customer can be made Active even without defining restricted stock status.

A given stock status can be mapped to only one Customer at a time. Also, any one of the multiple Stock statuses can be mapped as a default.

Exhibit 1: Identifies the link addition in Edit Customer Main Information screen



Exhibit-2: Identifies the Manage Stock Status Restriction screen

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-	Stock Status Info + 1 - 3 / 3 > ロ チ Y Y, All									•	Q
#		Stock Status		Description	Valuated ?		Defaulted ?	Notes			
1		customer-new	~	customer-new	Yes		V				
2		chandan staus	~	chandan status	Yes						
3		Rented	~	Rented to a 3rd Party	No						
4		customer-new	~								
							Save				

Stock Status Restriction Logic:

The Stock Status selected in the respective screens in selected transactions must be mapped to the Customer # in the **Manage Restricted Stock Status** screen in the **Customer** business component, if the value for the Parameter 'Stock Status restrictions' is set as 'Yes' in the **Set Inventory Process Parameters** screen, for the selected record. Else the system validates. If the value for the parameter 'Stock Status restrictions' is set as 'No', the system does not validate the Stock Status - Customer mapping.

Transactions impacted by Stock Status Restriction:

Customer-Stock Status mapping is validated in the following transactions: Customer Goods Receipt, Goods Receipt, Unplanned Receipt, Maintenance Return, General Return, Unplanned Return, Stock Conversion and Stock Correction.

Ability to display Ship to Address Information in Shipping Note select screen

Reference: AHBG-19873

Background

In aviation industry, organizations face unprecedented challenges in today's uncertain and volatile environment. They must fulfil their strategic agendas while keeping costs under control. Shipping Charges account to a large amount of cost. In order to reduce the cost of shipments, shipper may group some parts and then send them together based on supplier/customer location preferences.

Business Need is to provide an ability to display Ship to Address Information of Ref. Doc to create shipping note so that the Shipping Personnel will group multiple shipment for the same address and customer as single shipment.

Change Details

In the **Select Reference Document** screen of the **Record shipping Note** activity in the **Stock Issue** business component, new display fields "Ship To Address", "City", "State", "Country" and "Zip Code" are added in the **Search Results** multiline to expedite grouping the reference docs and creation of the shipment.

		Display Option	ant lauri		-			Hazmat	Parts Taskuda	-	
		Display Option Docum	ent Level 🔹		•		C	Final Data - Free		- 100	and the state
		Rel. Doc. # Issue					CO	T - t - D - t	17 10 29-Nov-201	/ 📖 14-Dec	-2017 📖
	Par	rent Ref. Doc. #	Ŧ					Trading Part	ner # Customer	•	
		Issue Attributes	•	•				Shinning Attri	ibutes	• •	
		Part #				1	New fields	are added	to	•	•
	Shipr	ment Readiness? Ready	for Shipment		•	c	display the	e 'Ship To			
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Search Resul	ts										
< <u>1</u> -1	0 / 246 🕨 🕨 🟋 🔭					Å			al 🗉	T	J
SHP	Ref. Doc. Type	Part #	Quantity	UOM	Ship To Address	City	State	Country	Zip Code	Cust. Packaging Code	Cust, Package I
SHP	Ref. Doc. Type Issue	Part #	Quantity	UOM	Ship To Address 7373 Côte-Vertu west	City Dorval	QC	CA	Zip Code H4S 1Z3	Cust. Packaging Code	Cust. Package I
E SHP	Ref. Doc. Type Issue Issue	Part #	Quantity	UOM	Ship To Address 7373 Côte-Vertu west ADYAR, CHENNAI	City Dorval	QC	CA	Zip Code H4S 1Z3 600012	Cust. Packaging Code	Cust. Package I
 SHP \$ \$ \$ \$ \$ \$ \$ 	Ref. Doc. Type Issue Issue Issue	Part #	Quantity	UOM	Ship To Address 7373 Côte-Vertu west ADYAR, CHENNAI 7373 Côte-Vertu west	City Dorval Dorval	QC QC	CA CA CA	Zip Code H4S 1Z3 600012 H4S 1Z3	Cust. Packaging Code	Cust. Package I
■ SHP ■ ■ ↓ ■ ■ ↓ ■ ■ ↓ <p< td=""><td>Ref. Doc. Type Issue Issue Issue Issue Issue</td><td>Part #</td><td>Quantity</td><td>UOM</td><td>Ship To Address 7373 Côte-Vertu west ADYAR, CHENNAI 7373 Côte-Vertu west 7373 Côte-Vertu west</td><td>Dorval Dorval Dorval Dorval</td><td>QC QC QC QC</td><td>CA CA CA CA CA</td><td>Zip Code H4S 1Z3 600012 H4S 1Z3 H4S 1Z3</td><td>Cust. Packaging Code</td><td>Cust. Package I</td></p<>	Ref. Doc. Type Issue Issue Issue Issue Issue	Part #	Quantity	UOM	Ship To Address 7373 Côte-Vertu west ADYAR, CHENNAI 7373 Côte-Vertu west 7373 Côte-Vertu west	Dorval Dorval Dorval Dorval	QC QC QC QC	CA CA CA CA CA	Zip Code H4S 1Z3 600012 H4S 1Z3 H4S 1Z3	Cust. Packaging Code	Cust. Package I
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	Ref. Doc. Type Issue	Part #			Ship To Address 7373 Côte-Vertu west ADYAR, CHENNAI 7373 Côte-Vertu west 7373 Côte-Vertu west	Dorval Dorval Dorval Dorval Dorval Dorval Dorval Dorval Dorval Dorval Dorval	State QC QC QC QC QC QC	Country CA CA CA CA CA CA CA	Zp Code H45 123 600012 H45 123 H45 123 H45 123 H45 123 H45 123 H45 123 H45 123 H45 123 H45 123 H45 123	Cust. Packaging Code	Cust. Package I

Exhibit 1: Identifies the Select Reference Document screen of Record Shipping Note activity

Address Details retrieval Logic:

On search, the system retrieves and displays the address details ("Ship To Address", "City", "State", "Country" and "Zip Code") in the multiline based on the Ref. Document Type and the Parent Ref. Doc. # selected in the Search Criteria. This is explained in the below table:

Parent Ref. Doc	The system retrieves and displays
Purchase Order (Ref. Doc. Type – Issue)	Address details for the corresponding Exchange issue documents from the Supplier business component for the saved Supplier - Return core to supplier Address ID combination available in Edit Terms and conditions screen in Create Purchase Order activity. If Return Core to supplier Address ID is not available, then system shall retrieve and display address details from the Supplier business component for the saved Supplier - Address ID combination available in Create Purchase Order activity.
Purchase Order (Ref. Doc. Type – Receipt)	Address details for the corresponding Goods Receipt from the Supplier business component for the saved Supplier - Address ID combination available in Create Purchase Order activity
Repair Order (Ref. Doc. Type – Issue)	Address details for the corresponding Repair Order issue from the Supplier business component for the saved Supplier - Ship to Address ID combination available in Edit Terms and conditions screen under Create Repair Order activity.
Repair Order (Ref. Doc. Type – Receipt)	Address details for the corresponding Repair Receipt from the Supplier business component for the saved Supplier - Address ID combination available in Create Repair Order activity.
Loan Order	Address details for the corresponding Loan Order Issue document from the Supplier business component for the saved Supplier – Return to Supplier ID combination available in Edit Terms and Conditions screen under Create Loan Order activity.
Rental Order	Address details for the corresponding Rental Order Issue from the Customer business component for the saved Customer - Ship to Address combination available in Edit Terms and Conditions screen under Create Rental Order activity.
Customer Order (Ref. Doc. Type – Issue)	Address details for the corresponding Unplanned issue document from Shipping Terms tab in the Customer Order (if available), else from the default Ship to ID from the Customer business component with Customer #.

Parent Ref. Doc	The system retrieves and displays
Customer Order (Ref. Doc. Type –	Address details for the corresponding Customer Goods Receipt
Receipt)	document from 'Shipping Terms' tab in the Customer Order (if
	available), else from the default Ship to ID from the Customer
	business component with Customer #.
Material Request	Address details from the Storage Administration business component
	for the requesting warehouse available in the MR for the
	corresponding General / Maintenance Issue Documents.
Stock Transfer	Address details for the corresponding Stock Transfer Issue document
	from the Storage Administration business component for the To
	warehouse available in the respective Stock Transfer order.
Pack Slip	Address details for the corresponding packslip issue from the
	Customer business component for the saved Ship to Customer - Ship
	to customer ID combination available in Create Pack Slip business
	activity.
Part Sale Order	Address details for the corresponding General Issue document from
	'Shipment Info' tab in the Part Sale Order (if available). If it is not
	available then display the customer address details for the default
	Ship to ID from the Customer business component with Customer #.
Release Slip (Ref. Doc. Type –	Address details for the corresponding Goods Receipt from the
Receipt)	Supplier business component for the saved supplier # in the Release
	Slip.
Scrap Note	If Parent Ref Doc is Scrap Note, the system does not retrieve and
	display address details, and the fields are left blank.
Tools	If Parent Ref Doc is Tools, the system does not retrieve and display
	address details, and the fields are left blank.

WHAT'S NEW IN WARRANTY MANAGEMENT?

Ability to evaluate Warranty and generate Warranty Instances in Service Sale cycle

Reference: AHBG-19000

Background

Whenever a Part-Serial/Lot # is received for servicing from a customer, the availability of a warranty for that part is checked at different points of the order processing like receiving, shop execution, estimation preparation, sale quotation and billing. This enhancement provides the ability to view the warranty instances for a given Part-Serial/Lot # involved in different stages of the repair cycle. You can also view the warranty offered by a supplier for a given part-serial/lot #, in addition to the warranty offered to the customers, the warranty reference documents and the repair history of part-serial/lot.

Also, based on different warranty terms, warranty instances will be provided for the Part-Serial/Lot # serviced in a work order at various logical events like SWO Closure or CoM Issuance or Parts shipment. Business need is to cater generation of instances automatically in these events based on the warranty agreement which can be mapped to the service sale contracts.

Change Details

The **View Associated Warranty Instances** pop-up is added as new UI under the **Manage Parts under MRO Warranty** activity in the **MRO Warranty** business component. The Pop-up can be launched for a Part-Serial/Lot # received in a Customer Goods Receipt. The pop-up can also be viewed from the following screens:

- Route Unserviceable Components/Parts screen of Component Maintenance Planning business component.
- Plan Work Order screen of Shop Work Order business component.
- Record Work Estimates screen of Work Monitoring and Control business component.

MRO Warranty - View Associated Warranty Instances

A new Pop-up **View Associated Warranty Instances** is added in the **MRO Warranty** business component to view the warranty instances for a given Part-Serial/Lot # combination.

- On clicking the hyperlinked field 'Under Warranty' in the multiline of the Work Requested Customer Parts tab in the Manage Goods Receipt screen of the Goods Inward business component, the View Associated Warranty Instances Pop-up can be launched.
 - Note: Similar hyperlinks will be available in the Removal and Warranty Details tab of Plan Work Order screen, Unserviceable Components/Parts multiline of the Route Unserviceable Components/Parts screen, Order Execution & Warranty tab of the Edit Work Estimates screen.
- 2. **Part #**, **Serial #**, **Lot #** fields in the header identifies the part # Serial #/Lot # combination for which the warranty instance is associated.

- 3. The **Warranty Instance Details** like Warranty Agreement #, Warranty Agreement Type, Warranty Parameter, Warranty Instance # of the warranty offered to the customers are displayed in the multiline. If the Part-Serial/Lot # has been provided under warranty by a supplier, details of supplier who offered warranty is displayed in the multiline along with the agreement and reference document information.
- 4. The hyperlinked **Reference Document #** provides the ability to view the warranty reference document.
- 5. The **View Repair History** link at the bottom of the screen enables to view the repair history of the part during evaluation of the Warranty.

Exhibit 1: Identifies the View Associated Warranty Instances pop-up screen added under MRO Warranty business component



Manage Goods Receipt

A new column 'Under Warranty' is added in the multiline of the **Work Requested Customer Parts** tab in the **Manage Goods Receipt** screen of the **Goods Inward** business component. This column is hyperlinked to launch the **View Associated Warranty Instances** Pop-up.

Exhibit 2: Identifies the changes in the Manage Goods Receipt screen in Goods Inward business component

😚 > Stock Management > Goods Inward > Manage Goo	ls Receipt		
★ 🗎 Manage Goods Receipt			≭ ☶ 륨 ♬ ← ? ाः (
Ref. Document # 👂 GI-010919-2017	Direct Customer Goods Receipt 🔍 Go		
-Receipt Details			
Receipt Info.			
Receipt # GI-010919-2017::P-WRE	Receipt Type	Customer Goods Receipt	Receipt Status Pending Work Requested Entry
Receipt Date 30-11-2017	Way Bill #		Way Bill Date
Receipt Priority 🔍 🔻	Pack Slip #		Pack Slip Date
Received At	Received From	Ref. Doc. Info.	
Receiving Location JFK 💌	Supplier # 👂	View	Ref. Doc. # 👂 View
Receiving Warehouse # 0123	Customer # 👂	100004	pe Others
Receiving Area R2 💌	Supplier / Customer Name	SINGAPORE AIRLINES Click the hyperlinked 'Un	ider _{pe}
Other Info		Warranty' to view the	
Supplementary Info? Pending	Work Requested?	Yes warranty instance of the	part P No
Additional Details			·
Part Details Serial/Lot Details Work Requested - Cu	stomer Parts Supplementary Info Movement De	tails Reports	
Display Option All	Line # - Pending Work Request Entry	Receipt Line #	•
(< < 1 - 1/1) >> + = □ < ☆ ☆ ▼ ▼			Q v
# 🗖 Received Part # Received Mfr. Serial # Work Re	quested Repair Process Code Customer PO # Cu	stomer Priority Under Warranty? Warranty Requested?	MOD Instructions Customer Regd. Dat
1 🗖 338-171-902-2 GT3 Bench Ch	eck Bench Check 🗸 CPO-019291-16 No	rmal Yes 🔍	
2	*	*	

Manage Customer Order

Warranty terms have been introduced under the Billing tab and the tab has also been renamed as 'Billing and Warranty Terms'. The section would contain the information on the applicable Warranty agreement and the corresponding Warranty terms as per the agreement. User can make modify the terms such as Warranty Start Ref. date, Warranty coverage, parameter and value information which would be applicable for the particular order only.

Exhibit 3: Identifies the changes in the Manage Customer Order screen in Service Sales Management business component

Crick Sales Management > Customer Order - Services > Manage Customer Order	
Manage Customer Order	≭ ☶ 륨 ♬ ← ? ॏ ऱ
© Create Order ⑧ Modify Order Ref. Type / Doc. # Direct Order ▼	Go
Order Details Work Execution Info. TAT & Commercials Shipping Terms Billing & Warranty Terms Taxes / Charges / Discount	
Bill to Address	
Bill to Customer # 400604 V Bill to Address ID Bill to	
Customer Name Customer 38 Customer Contact Person Work Phone #	52 55 52 61 6400
Address 1 Prolongacion Reforma 490, Col. Sa Address 2 Piso 1 (Edificio GE) Address 3	
Address 4 State County	
Province Country MX City	Alvaro Obregón
Zip 01210 Email	52 55 52 61 6100
Warranty Terms	
Warranty Start Ref. Date Warranty Start Date Warranty Coverage	▼
Vald For Parameter Warranty Agreement #	· · · · · · · · · · · · · · · · · · ·
Warranty Notes	
Invoice & Receipt Modes	
Inv. Transmittal Mode 🔹 Inv. Generation Manual 💌 Pay Term 🗭	N030D000_00.0
Receipt Method Regular Receipt Mode Our Bank Code	•
Exchange Rate Eved Course Applicable International State Eved Course Applicable Eved Course Eved Course Applicable Eved Course Applicable Eved C	
THE CARE ADDRESS IN A TOTAL ADDRESS INTERNA ADDRE	
Save Billing Terms	
	~

Plan Work Order

A new section 'MRO Warranty Details' is added in the **Removal & Warranty Details** tab of the **Plan work Order** screen of the **Shop Work Order** business component. Controls 'Under Warranty' and MRO Warranty Instance # are added in this section. Under Warranty will be displayed as 'Yes', 'No' or 'Not Evaluated' as per the availability and validity of the Warranty Instances. Click of the under warranty link will open the **View Associated Warranty Instances** pop-up screen.

Exhibit 4: Identifies the changes in the Plan Work Order screen in Shop Work Order business component

Component Maintenance > Shop Work	Ord	> Plan Work Order	
★ 📄 Plan Work Order			≭ 🖩 🖶 🗲 ? 🗔
- Search Criteria			
Search On Shop Work Order # V	VO-0	03-2017 Get	
By Status By Event			
Work Order Work Order Tasks Due List	Ι.	Order Details Order Execution Details Part Disposition & Movement Details	Reference Details Contract Terms & Conditions Removal & Warranty Details
🗄 🗉 Search - Filter 🛛 🗴 🔎 🌱 🔎		- Removal Details	
EWO-001003-2017 A Constant Sector Con		Rem. From A/C Reg # / MSN # 6yjma 528 p Removed from Part # / Serial #	# Reason for Removal
		Removal Date & Time 🛗 SOS Disposition	n Initial Discrepancy Count 0
	9	- Supplier Warranty Details	
		Under Warranty? No Warranty Agreement # / Supplier	er # Warranty Ref. #
		- Customer Warranty Details	
		Warranty Requested? No 💌 Warranty Resolution	n Varranty Notes
+ Important Dates		- MRO Warranty Details	
		Under Warranty? Yes MRO Warranty Instance #	t Warranty Type
T LIKS		Dwnership / Owning Agency # Customer 400007 Exchange Contract?	PAN-WARNTY-01 PBH Coverage

Route Unserviceable Components/Parts

The column 'Under Warranty' is made as a hyperlink to open the **View Associated Warranty Instances** popup screen.

Exhibit 5: Identifies the changes in the Route Unserviceable Components/Parts screen in Component Maintenance Planning business component

👚 Component Maintenance > Component Maintenance Planning > Route Unserviceable Components / Parts																
*	Route	Unserviceable Con	nponents / Pa	arts								73		₽ •	⊢ ?	ø]
-										Date Fe	ormat mm/dd/yyyy	/				
- w	arehouse Del	ails														
		U/S Routing WH #	0123	•		Zone	# 01		Ŧ		Warehouse De	scription Test Ware	nouse			
- 5	arch Criteria															
		Part #				Part Description	on				Work	Center #				
		SOS Disposition		T		Display Optio	ns		•		Obj	ect Type				
		Prime Part #				Primary Model	#				Part Clas	sification				
		Possession Status		T		Ownersh	hip Customer	▼ 4	00007		Receipt Date:	From/To	Ē			#
							Search									
- 0	serviceable	Components / Parts —														
	4 76	- 85 / 105		r				L In E		74 I I 4			*			0
#	E FF	Part #	Part Type	× Serial #	U/S Routing WH #	From Zone #	From Bin #	UOM	Avail. Otv.	Processed Otv.	Contract # Q	Under Warranty?			Work	Cent
76	E I	015T0263-23:81205	Expendable		0123	01	1	EA	3.00	3.00		Not Applicable			185-1)
77	E	071-50001-8104:27914	f Component	s0508171	0123	01	1	EA	1.00	1.00		Not Applicable			110-9	Ð
78	E	071-50001-8104:27914	f Component	s0508172	0123	01	1	EA	1.00	1.00		Not Applicable			110-9	Ð
79	E	071-50001-8104:27914	Component	s0508173	0123	01	1	EA	1.00	1.00		Not Applicable			110-9	Ð
80	E	071-50001-8104:27914	4 Component	s11081731	0123	01	1	EA	1.00	1.00		Not Applicable			110-9	9
81	E	071-50001-8104:27914	4 Component	s11081732	0123	01	1	EA	1.00	1.00		Not Applicable			110-9	9
82	🖾 E	071-50001-8104:27914	4 Component	s11081733	0123	01	1	EA	1.00	1.00		Not Applicable			110-9	Э

Edit Work Estimates

A new tab **Order Execution & Warranty** is added in **the Edit Work Estimates** screen of the **Work Monitoring and Control** business component. This tab has provisions to display 'Under Warranty?' indicating if the main core part in the Work Order is under warranty, and enter the warranty instance # referring to which it is going to be covered under warranty, in addition to the order execution details like repair process code and repair classification.

Exhibit 6: Identifies the changes in the Edit Work Estimates screen in Work Monitoring and Control business component

🏠 > Aircraft/Shop Work Management > Work Monitoring and	l Control 〉 Edit Work Estimates	•					
★ 🔋 Edit Work Estimates			44	< 1 > >> 1	/1 🍱 🖬 🖶	?	Ū\$
Work Order List	Reference Document Details						
EWO-001003-2017::YUL-100-00::GI-010915-2017::Released Estimates	Ref. Doc #		EWO-001003-2017	Job Type	Component		
	Order Description	GI-010915-2017		Primary Work Center #	YUL-100-00		
	- Main Core Details						
	Part #	338-171-902-2		Serial #	GTF-0292		
	Part Description						
	Component #	COMP-000616-2017		Event #	CO-007913-2017		
	Customer Order Details						
	Customer Order #	CO-007913-2017		Order Description	GI-010915-2017		
	Customer #	400007		Promised Delivery Date			
	Quote #/Rev #			Quote Ind.			
Order Execution & Warranty Task Summary Details Part	Requirements Resource Requirements	Charge Details					
Order Execution Details							
Repair Process Code Bench Check	k × v		Repair Classification	COA			
- Warranty Info.							-
Under Warranty ? Yes			Warranty Inst. #	WARIN000002-17			
		Save					

Manage Sale Quotation

A new section has been introduced under the Main Info. tab to display the Warranty details. The section shows information such as 'Warranty requested', 'Under Warranty?' and Warranty instance information. User can modify the Warranty instance as well as the Warranty resolution for the given Customer Order while setting up the quote. The resolution modified will automatically modify the billability of the Tasks in the order.

Exhibit 7: Identifies the changes in the Manage Sale Quotation screen in Sale Quotation component

☆ > Service Sales Management > \$	Service Sale Quote 冫 Manage	Sale Quotation						
★ 📋 Manage Sale Quotation	I			44 4 1 >	» 1/1 34 m 🖬 🗲	? 🗔	5 K	
Quote Date	12-12-2017	Quote Basis	Estimate	T				
Price Held Firm (Days)		Std. App. Lead Time (Days)		Customer Approval	Required 💌		^	
Quote Category	•	User Status		Cust. Service. Rep 👂	00019402			
Description		Remarks		Unbilled Value	0.00			
Customer TAT Summary								
TAT Duration - Cust.		Adjustment - Cust. Duration		Adj. Comments				
Start Ref. Date		Start Date	1	End Date			1.17	
Projected Completion Date		Prom. Delivery Date		Revision Comments				
Reference Document Details			Curtary C					
Customer #	400007	Customer Name	Customer 8	Sale Type	T&M			
Pricing Basis	T&M	Contract #	PAN-WARRANTY-01	Cust. Order #	CO-007916-2017			
Event #		Exec.Doc.Type	Shop Work Order	Exec.Doc.#	CWO-008855-2017			
Repair Process Code	Calibration	Pre Quote #						
Warranty Details Warranty Requested			Warranty Notes			^		
Under Warranhy 2	Yes	Warranhy Inst #		Warranty Resolution Status	Fully Assessed	~		
Warrach Baselulia Da		Warranty Hist. #	·	Warrancy Resolution Status	Fully Accepted	I		
BER Details		warranty notes exe.						
	BER?	~		BER Threshold Value				
BER Comments								
Save Main Info.								
Confirm		Release for Approval		Return	Cancel			

Manage Invoice Release

As in Sale Quote, a separate section is introduced for Warranty details containing the details such as Warranty requested, Under warranty?, Warranty Instance and Warranty resolution. The instance and resolution can be modified in the Invoice release which in case while impact the billability of Tasks in the Release.

Exhibit 8: Identifies the changes in Manage Invoice Release screen in Service Sale Billing component

😚 > Service Sales Management > Service Sale Billing > Manage Invoice Release.									
★ 📗 Manage Invoice Rel	ease		(4) 4 1 2 3 4 5 > >> 3 /40 II = 4	⇒ ← ? 🗔 🗖					
- Release Main Info.									
Cust. Order # / Rel. # CO-000234-2012/1		Inv. Rel. Readiness Not Ready To Bill	Release Status Fresh						
Customer # 400420		Customer Name Customer 30	Currency CAD						
Sale Type / Pricing Ba	isis T&M/TM	Pend. Rel. Exists? No							
Basic Va	lue 0.00	Order Level TCDs 0.00	Total Value 0.00						
Exchange Ra	ate 1.00000	Total Value (Base Curr.) 0.00							
Bill To Custon	ner 400420 🔻 Bill to 💌	Ship To Customer 400420 V Bill to	•						
Exe. Doc. Info.	Reg. Billing Info. Actuals Info. Materials	Resources Ext. Services CO Prepayment Info	o. Direct Rel. Info. Addl. Charges CO T/C/D CO Mair →						
🖻 🧰 CO-000234-2012	- Release Details								
	Invoice Type Regular	Invoice Category Final	Inv. Rel. Date 09-01-2012						
	Invoice Basis Quote	Biling Rep. 👂 00041383	User Status 🔍						
	Proj. Inv. Rel. Date	Event Description							
	Rel. Remarks		Cust. PO #						
	Re-pro. Remarks	,							
	Warranty Details								
	Warranty Requested No	Warranty Notes							
	Under Warranty ? Not Evaluated	Warranty Inst. #	Warranty Res.						
	Current Ref. Details								
CO # CO-000234-2012		Exe. Doc. Type SWO	Exe. Doc. # CWO-000153-2012						
	Billing Summary								
	T & M Price - Mat. 0.00	T & M Price - Lab. 0.00	T & M Price - Oth. Res. 0.00						
	T & M Charges 0.00	T & M - Ext. Services 0.00	T & M Price - Total 0.00						
	FP - Total 0.00	Basic Value 0.00							
	- Search on Pend. Rel Search	i on Cur. Rel.		~					

Manage Sale Contract

In addition to the Warranty Agreement, Warranty terms can also be defined directly in Sale Contract. Warranty in sale contract can either be a Warranty agreement itself or simple terms specific to the Contract which can be directly entered into the Contract without an Agreement #.

A column Warranty Agreement # is added in the **Warranty Terms** tab of the **Edit Incoming and Outgoing Terms** screen of the **Sale Contract** business component. The warranty agreement referring which the warranty instances shall be offered for the customer orders referring the contract can be defined here. This agreement will be referred during the respective events of warranty instance generation. In addition to these changes, two more warranty start reference dates are added, namely Issue Confirmation Date and SWO Closure Date.

Exhibit 9: Identifies the changes in the Edit Incoming and Outgoing Terms screen in Sale Contract business component

Sales Setup > Sale Contract - Services > Edit Incoming and Outgoing Terms		i .	
★ 🔋 Edit Incoming and Outgoing Terms		20	‡ 帚 ₽ ← ? ⊡
- Main Contract Details			
Contract # / Rev. # 100004-FP-3 / 0	Contract Type Customer Specific	Contract Status Approved	d
Contract Category	Sale Type FP	Contract Date 01-11-20	17
Customer # 100004	Customer Name SINGAPORE AIRLINES	Currency CAD	
Effective from 01-11-2017	Effective to	User Status	
Incoming Inspection - Parts Shipping Terms Billing Terms Certificate Requirement	ts Warranty Terms		
Warranhy Demarke	^		
Warranty Limits			
			0
$((1^{-1/1})) + = \Box + Q Q T T_{2}$			Q
# C Applicability Eff. Ref. Eff. Ref. Code	Warranty Agreement # D Effective from	m Effective to Warranty Note	es
1 🗈 Object Level 🗸 Part Effectivity 🗸 ALL 🗸	WRN000020-2017		
2 🗉 👻 👻			
	<		>
	Save Warranty Terms		

Corporate Office and R&D Center

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