RAMCO AVIATION SOLUTION ENHANCEMENT NOTIFICATION Version 5.8.1

Finance

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Background
Change Details

WHAT'S NEW IN PAYABLES MANAGEMENT? Ability to Specify Value Based Tolerance for matching

Reference: AHBG-6037

Background

The Invoice matching tolerances are set to trap the exceptions in Invoice rate/value between Order & Invoice beyond a certain tolerance percentage. This is given at two levels: Auto-Match and Force Match Tolerance, which set a cap for invoice rate/value variance. Further, the cap for invoice rate/value variance can also be set for both negative and positive variance. However, currently, invoice variance tolerance is allowed only as a percentage and cannot be set in terms of value. The requirement is to enable definition of tolerance for invoice variances in value in addition to percentage based tolerance.

This enhancement brings another dimension in managing supplier order based invoice variances by specifying tolerance in **VALUE** (to be provided in base currency) for the invoice amount which is based on a parameter defined in **Set Finance Process Parameters** (Payables Management \rightarrow Supplier Order Based Invoice). (See exhibit: 1). Now, the enhancement allows the user to set the tolerance in VALUE for invoice amount in conjunction with the existing functionality of percentage based invoice tolerance.

Change Details

 This enhancement allows the user to set the tolerance limit in VALUE for invoice amount along with existing percentage based set options. Following table shows the possible combinations of tolerance for Invoice Variance:

SI. No.	Tolerance-1	Tolerance-2	Remarks
1.	Rate %	NA	% tolerance on Rate
2.	Value %	NA	% tolerance on Value
3.	Value- Value	NA	Value tolerance on Value
4.	Rate %	Value-Value	% tolerance on Rate & Value tolerance on value
5.	Value %	Value-Value	% tolerance on Value & Value tolerance on value

 The existing set options governing tolerance limits for Supplier Order Based Invoice have been moved from the Set Functions Defaults activity to the Set Finance Process Parameters activity as mentioned below:

Process Parameter	Permitted Value	Values
Invoice Tolerance for Auto Matching based on	Enter '0' for 'None' and '1' for 'Rate' and '2' for 'Value' and '3' for 'Both'	
Invoice Tolerance for rate	Enter '1' for 'Percentage'	
Invoice Tolerance for value	Enter '1' for 'Percentage' and '2' for 'Value' and '3' for 'Both'	
Invoice Tolerance (%) for Auto Matching	Enter a positive numeric value	
Invoice Tolerance (%) for Forced Matching	Enter a positive numeric value	
Invoice Tolerance (value-Base Currency) for Auto Matching	Enter a positive numeric value	
Invoice Tolerance (value-Base Currency) for Forced Matching	Enter a positive numeric value	
Allow Auto Match Failed Invoices during Period Closure	Enter '0' for 'No' and '1' for 'Yes'	

Exhibit 1: Set Finance Process Parameters

🖈 🔋 Set Finance Process Parameters Ramco Role - RAMCO OU 👻 🕫 🛱 🔶 ? 🗔 🗖									
	earch	Criteria							
		Parameter Level Organizat	tion Unit Level Business Pro	ocess	T	Category Su	upplier Order Base	d Invoice 💌	
_									
	earch	Results							_
	•	4 - 15 / 15 > >> + 🗇 🗡 🕈	×		Set options – specify	III AII	•		ρ
#		Category	Process Parameter	Permitted Value	tolerance for invoice	Value	Status	Error Message	
4		Supplier Order Based Invoice	Rounding off : Range for the difference between Supplier	Enter a positive numeric	variance		Not Defined		
5		Supplier Order Based Invoice	Rounding off : Default Charge Code for Positive difference	Enter a valid TCD code of	Valiance		Not Defined		
6		Supplier Order Based Invoice	Rounding off : Default Discount Code for Negative difference	Enter a valid TCD code of	type . Format: TCD, Variant	DISTCD, DISTCD	Defined		
7		Supplier Order Based Invoice	Rounding off : Default cost center for Charge/Discount Code	Enter a valid Cost Center		5656	Defined		
8		Supplier Order Based Invoice	Invoice Tolerance for Auto Matching based on	Enter '0' for 'None' and '1'	for 'Rate' and '2' for 'Value' and '3' for 'Both'	3	Defined		
9		Supplier Order Based Invoice	Invoice Tolerance for rate	Enter '1' for 'Percentage'		1	Defined		
10		Supplier Order Based Invoice	Invoice Tolerance for value	Enter '1' for 'Percentage'	and '2' for 'Value' and '3' for 'Both'	2	Defined		
11		Supplier Order Based Invoice	Invoice Tolerance (%) for Auto Matching	Enter a positive numeric	value	3	Defined		
12		Supplier Order Based Invoice	Invoice Tolerance (%) for Forced Matching	Enter a positive numeric	value	999999999	Defined		
13		Supplier Order Based Invoice	Invoice Tolerance (value-Base Currency) for Auto Matching	Enter a positive numeric	value	2000	Defined		
14		Supplier Order Based Invoice	Invoice Tolerance (value-Base Currency) for Forced Matching	Enter a positive numeric	value	9999999999	Defined		
15		Supplier Order Based Invoice	Allow Auto Match Failed Invoices during Period Closure	Enter '0' for 'No' and '1' fo	r 'Yes'	0	Defined		
		4							Þ
				ot Daramotors					_
			-	bet Parameters					

New controls have been added as part of this enhancement in the Match Invoice Screen (see Exhibit:
 and in the View Invoice Screen (see Exhibit: 3) to enlighten the user to know the causes of mismatch in the invoice namely Tolerance Failure, Buyer (name of the buyer who created the order document) and to specify any remarks - Matching Remarks (as a column in the multiline) and Remarks (as a control in the header). Illustration 1 & 2 brings out the examples with value based tolerance.



Exhibit 2: Match Invoice

★ 🗎 Match Invoice			Ramco Role - RAMCO C	₩ 22 🖽 🖶 🛱 🗲	? 🖾
Invoice # SI-001083-2017	Invoice Date 02/02/201	7	Status A	AutoMatch Failed	
Supplier # 00000	Supplier Name Supplier 1	2	New Display	and Editable cont	trols
Currency CAD	Exchange Rate 1.0000000	0	ar	e introduced	
Supplier Invoice Amount 2000.00	Total Proposed Amount 1000.00				
Total Unmatched Amount 970.00 Part/T/C/D Information	Maximum Variance (%) 94.17		Forcematch Tolerance (%)	9999999999.00	
44 4 1 -1/1 » »» + 🗇 Y T,			All 💷 🗐	*	Q
# 🗇 Variance % Remarks		Tolerance Failure	Buyer	Matching Remarks	
1 🗉 94.17		Rate Variance- Percentage	DMUSER	Negotiated and approved	
2					
4					- F
- Variance Information					
Variance Accounting Expense Off	Hold Invoice for Payment No 💌		Remarks	Negotiated and Approved	
	Match Invoice				

Exhibit 3: View Invoice

😚 > Payables Management > Sup	plier Order Based Invoice 冫 View Invo	vice				
\star 📋 View Invoice				Ramco Role - RAMC	0 0U 💴 🖬 🖶 🗲	? [0
Part/Order Level T/C/D Informa	Invoice Level T/C/D Information					
(4) 4 1 - 1 / 1 → →→ ▼ 1	τ.			III → III All	•	Q
# 🗆 ion	Remarks	New Display only	Tolerance Failure	Buyer	Matching Remarks	
1		controls are	Rate Variance- Percentage	DMUSER	Negotiated and approved	
		introduced				
						,
Payment Information						
Payment Processing Point	RAMCOOU	Electronic Payment	lo	Payment Prio	rity Low	
Payment Method	Regular	Payment Mode C	heck	Auto Adj	just No	
Pay Ref.ID		Pay Ref.Details		Payment Instruction		
Hold Reversal Information					New Display only	
Reversal Document #		Reversal Date			controls are	
Reason for Reversal		Remarks for Reversal			introduced	
Reason for Hold		Remarks for Hold			Introduced	
						_
Variance Accounting	Expense Off	Remarks N	legotiated and Approved			

4. Illustration:-1 (Invoice in Base Currency)

When Set option for Invoice Tolerance is Rate- Percentage and Value-Value is as follows:

Tolerance	(%) on Rate	Value \$
Auto Match	8%	\$ 10
Force Match	15%	\$ 100

Maintain Invoice – Auto Match Failed

Quantity	Invoice rate	Invoice Amount	Proposed Quantity	Proposed rate	Proposed Amount
5	106	530	5	100	500

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Calculation of Variance Amount in Match Invoice

Particulars	Rate Variance	Value Variance	Remarks
			'Value Variance- Value'- This value shall be displayed in
Variance	NIL	20 (530-510)	<i>Tolerance Failure</i> Column
Maximum of			\$20 shall be displayed in <i>Variance Amount</i> column of
above		20	Match & View Invoice Screen

Match Invoice

Particulars	Rate Variance (A)	Value Variance (B)	Max of (A) and (B) shall be considered	Tolerance Failure
Variance Amount	0	20	20	Value Variance, Value
Variance (%)	NA	3.92	3.92	value validite- value

5. Illustration 2:- (Invoice in Foreign Currency)

When Set option for Invoice Tolerance is Value-Value

Tolerance	(%) on Value	Value (in Pound)	Exchange Rate	Value (in USD)
Auto Match	Not Set	20	0.840336134	16.81
Forced Match	Not Set	30	0.840336134	25.21

Maintain Invoice – Auto Match failed

Quantity	Invoice rate (\$)	Invoice Amount (\$)	Proposed Quantity	Proposed rate (\$)	Proposed Amount (\$)
1	118	118	1	100	100

Particulars	Value \$	Tolerance Failure
Variance Amount	1.19 (118-116.81)	
	1.02	
Variance (%)	[(1.19/116.81)*100]	Value Variance- Value

Ability to automate Supplier Invoicing function integrating with OCR

system

Reference: AHBG-7809

Background

OCR (Optical Character Recognition) is a technology that involves scanning of text characters by character, analysis of scanned-in image and translation of Character image into character codes commonly used in data processing. Currently, there is no provision in the application to automate invoicing function by integrating with the OCR system. This enhancement aims to integrate the Ramco Supplier Invoicing function with the OCR system to generate Order Based Invoices, Direct Invoices and Notes based on the feed from the third party OCR system.

Change Details

- A new activity **Review / Process Scanned Invoices & Notes** introduced in the **Accounts Payable Hub** Component (refer Exhibit 1 & 2).
- This screen helps in reviewing and rectifying the errors and exceptions encountered in the data fed from OCR system by scanning of the Invoices.
- A new 'Interface & Validation' rule engine is introduced to interpret, validate & process the data feed (in the prescribed format) from the OCR system.
- This rule engine will process the data feed against each of the invoices with a unique ID (Tracking ID) by
 - Validating the availability of the mandatory information and classifying those as "Errors".
 - Validating the existence and the correctness of the information by cross checking with the respective master / transactions and classifying those as "Exceptions".
 - Initiating the invoice generation process for error and exception free documents for the respective document types i.e. Order Based Invoice, Expense Invoice, Account Based Debit Note, Account Based Credit Note, Item Based Debit Note and Item Based Credit Note.



	Review / Proce	ss Scann	ed Invoices 8	& Notes								Ramco Role - RAM	CO OU 🔻	x t	+	?	Ľ
	Filter Search		Exceptions	т	o be Processed												
	18		12	1	.4												
T	racking ID Summary																
	< 1 - 5 / 13 	T T						P 9	44	4 1 - 3 / 3	F FF 7	r T _x				#	-
	Tracking ID	Status	User	Date	Doc.Type	Image File #	Erro	•	#	Error Type	Erro	r Correction					
	ITM-1009000	Errors		01/01/1900	Item Based Note	jpeg.xls	1		1	Errors	Plea	se provide Supplier code					
	ABN-9999-000001	Errors		11/06/1905	Account Based Note	test.xls	1		2	Errors	Inva	lid Currency Code.					
	TR-4444-0000	Errors		30/01/2017	Order Based Invoice	Test.xls	3		3	Errors	Inva	lid Finance Book.					
	AB-8888-0099	Errors			Account Based Note	jpeg.xls	4										
	AB-8888-0099	Errors			Account Based Note	jpeg.xls	4										
C	Document Information —																
	Tracking ID/Status	TR-4444-0	0000	Errors		Do	c.#/ Status	/	r		Doc. F	ïle					
	Company/FB	A	•		•	Doc. Typ	e/Category Orde	r Based Invoice 🛛 🔻	Purc	hase Order	•	Doc. D	ate	30/01/20	17 🗄	<u><u></u></u>	
	Supplier 👂					Supplier (Doc. #/Amt Sup	plier-0009977		100	.00	Curre	ncy USD	•			
	Supplier Doc. Date	30/01/2	017 節		Pay Term O			Tay Key	0			Com	mente				1
E	nvoices & Notes				- co / co / co			(a) (they	-			0011					
	< 1 - 1 / 1 > >>	+ 0	T T,					人口	J X	2 🖻 🕫 🙂	P = 0	All		•			۶
	E Line # Error M	sg.	0	order # 🔎	DocumentType	e Do	cument #	Part T/C/D #	A	count # P	Dr/Cr	Transaction Amount	Entity		R	art De:	sc.
	E 1 Diasco	arauida Cum	olier code /	00 9090 111	OPT			#10.0534.55			Credit as	100	00				

- The **Review / Process Scanned Invoices & Notes** activity has two search sections at the header: 'Filter' and 'Search'.
- The filter section has three cards with counts of documents on it 'Errors', "Exceptions' and 'To be Processed'. If a 'Tracking Id' has an 'Error', it will be classified under the Error card. 'Tracking Ids' with exceptions alone will be classified under the 'Exceptions', and 'Tracking Id' which are cleared for errors and exceptions will be classified under 'To be Processed'.
- On click of the cards, the data will get populated in the Tracking ID multiline, with its status and count of errors. On click of error count hyperlink, the error information will get populated in the adjacent multiline describing the 'Error Type' and 'Error Correction'.

Exhibit 2: The Review/ Process Scanned Invoices & Notes activity (Invoices & Notes multiline)

Payables Management > Accounts Payable	Hub > Review / Process Scanned Invoices & Notes			
Review / Process Scanned Invoices AB-8888-0099 Errors	s & Notes Account Based Note jpeg.xls	4	Ramco Role - RAMCO OU 👻 🚅 🗲 ?	
Document Information			Doc File	
Tracking ID/Status TR-4444-0000	/ Errors Doc.#/S	atus /	20/01/2017 (20)	
Company/FB A	Doc. Type/Cat	gory Order based invoice + Purchase Order +	Doc. Date 30/01/2017 E	_
Supplier D	Supplier Doc. =	Amt Supplier-0009977 100.00	Currency USD +	_
Supplier Doc. Date 30/01/2017	Pay Term 👂	Tax Key 👂	Comments	
(4 ← 1 - 1 / 1 → → + □ ▼ ▼ _x			A 🖶 III All 🔻	Q
# 🗉 Line # Error Msg.	Order # DocumentType Docume	t # Part T/C/D # Account # P	Dr/Cr Transaction Amount Entity Part D	Desc.
1 🗉 1 Please provide Supplier code.	APO-8989-111 OBI	#10-CSW-SS	Credit 🗸 100.00 WASH	IER
2			Credit 🗸	
				•
Validate & Save	Save Create Expense Invoice	Generate Create Item Based Note Edit Account Based Note	Cancel Create Account Based Note	-
Accounts Payable Hub -> Review / Process Sanned Invoices & No	otes	(Tota	al: 0.24 / Server: 0.16 / Client: 0.07 / Misc: 0.00) 57 Minute(s	6:50 PM

- On click of Tracking ID hyperlink in the Tracking ID multiline, the header level information will get populated in 'Document Information' and line level information will be populated in the 'Invoices & Notes' section.
- The Search section consists of the following controls to perform an advanced search
 - o Tracking ID/Status
 - o Company/FB
 - o Data Based on
 - o Doc. Type /Status
 - o Supplier
 - o User ID
- On click of 'Validate & Save' button document information will be validated for correctness and saved.
- On click of Save, the modified data will get saved. Validation will not be triggered.
- On click of Generate, the invoice will get generated if the status of the Tracking ID is "To be Processed".
- On click of Cancel, the status of the Tracking Id will get updated as 'Cancelled' and the invoice should be either recorded manually or scanned again for a new Tracking ID.

Exhibit 3: Set Finance Process Parameters: Payables Management→ Accounts Payable Hub

Process Parameter	Permitted Value
OCR: Analysis Code for Supplier debit / credit notes	Enter a valid Analysis Code as defined in the Account
	Based Budget Component
OCR: Default Cost Center for Supplier Debit /Credit notes	Enter a valid Cost Center as defined in the Cost Setup
	Component
OCR: Default Usage ID for Supplier Debit/ Credit notes	Enter a valid User defined Usage ID defined in Additional
	Account Definition Component
OCR: Analysis Code for Supplier Direct Invoice	Enter a valid Analysis Code as defined in the Account
	Based Budget Component
OCR: Default Cost Center for Supplier Direct Invoice	Enter a valid Cost Center as defined in the Cost Setup
	Component
OCR: Default Usage ID for Supplier Direct Invoice	Enter a valid User defined Usage ID defined in Additional
	Account Definition Component
OCR: Default Currency for Supplier Order Based Invoice	Enter '1' for Invoice Currency, '2' Base Currency, '3' for
	Order Currency
OCR: Default Currency for Supplier Direct Invoice	Enter '1' for Invoice Currency and '2' for Base Currency
OCR: Generate Supplier Order Based Invoice in Authorized	Enter '0' for 'No' and '1' for 'Yes'
status for matched Invoices.	

- Based on the default 'Usage ID', 'Cost center' and 'Analysis Code' set in Set Finance Process Parameter, the Supplier Direct Invoice and Supplier Debit / Credit notes will be generated with the same.
- The default Currency can be set for the generation of Supplier Order Based Invoice and Supplier Direct Invoice.
 - For Supplier Order Based Invoice '1' is set for Invoice Currency (for Supplier's Invoice Currency), '2' is set for Base Currency and '3' for 'Order Currency'.
 - For Supplier Direct Invoice '1' is set for Invoice Currency (for Supplier's Invoice Currency) and '2' set for Base Currency.
- If Auto Authorization option is set as 'Yes' for Supplier order Based Invoice then the error free invoice will get automatically generated in 'Authorized' status. If this option is set as no, the invoice would be generated in the Matched status
 - Note: This feature involves commercials and is not available for all customers. Please contact your Ramco Account Manager.

Ability to enable workflow in AP Invoicing Hub with an ability to reroute

Reference: AHBG-8289

Background

The **Accounts Payable Hub** serves as a single dashboard for all the payable documents (Order Invoice/ Direct Invoice/ Supplier Debit / Credit Notes) and performs various tasks pertaining to the documents (Authorize / Match / Return / Delete / Reverse / Hold / Release). Currently, the AP HUB serves as the dashboard for the AP user to track the Invoices / Notes, follow-up for authorization and track their day-to-day operations. The requirement is to enable workflow in AP HUB and enhance the same for usage by the authorizer.

Change Details

- \checkmark AP Hub is enhanced with the two different contexts:
 - o AP user context
 - o Authorizer context

AP user context gets access to all the documents (Invoices & Notes) for follow up and authorization of the same.

Authorizer context gets access to only the documents which are pending with the login user for authorization.

- ✓ Two new additional columns 'Assigned User' (user name if available from OCR) and 'Current User' (the current user with whom the document is pending for authorization) is added in the 'Bulk Invoice Processing' section.
- Re-route action button is added to re-route the documents for authorization in both bulk invoicing and single invoicing processing section. (Re-route screen will launch only if the login user has access to that screen).
- ✓ A new node for 'Scanned Invoices & Notes' is added with child nodes 'Errors', Exceptions' and 'To be processed', to provide visibility to the documents pending in various stages as part of the OCR scanning.

Exhibit 1:

AP Invoicing Hub with new action button for re-routing

												Simple Order	- Liser	
Easy Launch Select	Existing	ng	0	9 New	Doc.Type	Order Inv.	Doc./Sup. [Doc. #		Go	•	Invoice	Preferen	.ce
To do list All Docs. (172) Order Invoice (43)	Ba	sic Se c.Type	arch	Advance T	d Search Doc. Attribute	#			Auth	orized	Overdue	Search		
Returned (25)	44	4	1 -	7/9 🕨 🕨	+ 🗇 🔻 🔨		A				All	•		Q
- Matched (9)	#		I	Doc.Type	Doc. #	Sup.# / Name	Sup Doc. #	Curr.	Amt.	Doc. Date	Assigned User	Current User	Due Date	Cate
- Held (9) Direct Invoice (94)	1		٠	Order Inv.	SI-000822-2015	00060 / Supplier 6	APHUB	CAD	712.00	09/10/2015		Л		Pur. (
Fresh (3)	2		٠	Order Inv.	SI-000823-2015	800228 / Supplier 112	asddasdasd	CAD	503.00	09/10/2015				Exch.
Returned (3)	3		٠	Order Inv.	SI-000804-2015	800228 / Supplier 112	dsfsd	CAD	600.00	08/10/2015				Pur. (
Held (88)	4		٠	Order Inv.	SI-000808-2015	00060 / Supplier 6	DSFDSFDS	CAD	212.33	08/10/2015				ur. (
Scanned Invoices and Notes (35)	5		٠	Order Inv.	SI-000813-2015	00060 / Supplier 6	222	CAD	5900.00	08/10/2015	Ne	wlv added	l columns	ur. (
	6		٠	Order Inv.	SI-000797-2015	800228 / Supplier 112	invoice11233	CAD	5000.00	07/10/2015				Pur. (
	7		٠	Order Inv.	SI-000791-2015	00060 / Supplier 6	ffhgfghf	CAD	5120.00	05/10/2015				Pur. (
						4								Þ
	A	v uthoriz	e	Real Match	Return	Delete Contraction	Hold	Rele	ase Re	Re	e-route but	tton added	d.	
										Re	e-route but	tton addeo	d.	

Ability to enable workflow for authorization of documents

Reference: AHBG-9506, AHBG-9711, AHBG-9969, AHBG-9785

Background

This enhancement notification brings the details of components for which workflow is enabled under Payables Management Business Process. The requirement is to enable workflow for select Payables Management transactions for authorization and release of such documents, with the provision of multi-level and parallel authorization.

Change Details

Workflow has been introduced in the following transactions for authorization. In the **Authorize** screen of the respective documents, on click of 'Search', the documents are retrieved for authorization only if the document is pending for authorization with the login User.

Similarly, for documents which are in 'Held' status, for releasing, on click of 'Search', the documents are to be retrieved for release, only if the document is pending for release with the login User.

Document	Authorization	Hold/ Release
Supplier Order Based Invoice	Yes	Yes
Supplier Expense Invoice	Yes	Yes
Supplier Item Invoice	Yes	Yes
Supplier Account Based Note	Yes	Yes
Supplier Item Based Note	Yes	Yes
Supplier Regular Pay Batch	Yes	NA
Supplier Prepayment Voucher	Yes	Yes
Sundry Payment	Yes	Yes

Parameters available for configuring workflow

Following are the Parameters which can be used for configuring workflow and for enabling notification messages:

Supplier Expense Invoice and Item Invoice

Parameter Description
Anchor Date
Comments
Created Date
Created By
Currency
Electronic Payment
Exchange rate
Expense Category
Finance Book
Invoice Date

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Invoice Number
Last Modified By
Last Modified Date
payment Instruction
Payment Method
Payment Priority
Payment mode
Payment Processing Point
Payment Reference Details
Pay Ref Id
Payment Term
Pay To Supplier Name
Pay To Supplier Number
Status
Supplier Invoice Amount
Supplier Invoice Date
Supplier Invoice Number
Supplier Name
Supplior Number

Supplier Order Based Invoice

Parameter Description
Anchor Date
Created by
Currency
Finance Book
Invoice amount
Invoice date
Invoice #
Invoice Status
Invoice Category
Numbering Type
OU Id
Pay To Supplier Name
Pay To Supplier #
Decision Pending with Buyer
Sup. Inv. Amount
Supplier invoice date
Supplier Invoice #
Supplier Name
Supplier #
Total Invoice Amount
Total Proposed Amount



Sundry Payment Voucher

Parameter Description
Bank Cash code
Created by
Finance Book
Instrument Date
Numbering Type
Payment amount
Pay Currency
Payee
Payment Category
Payment Mode
Priority
Receipt Amount
Request Date
Status
Transaction bank code
Transferee
Voucher No

Supplier Prepayment Voucher

Parameter Description
Bank Cash code
Bank Currency
Created by
Created Date
Finance Book
Numbering Type
Pay Amount
Pay Currency
Pay Date
Payment Mode
Pay Route
Priority
Request Date
Status
Supplier Document Date
Supplier No
Voucher Category
Voucher No

Supplier Regular Pay Batch

Parameter Description
Amount
Bank Cash Code
Bank Currency
Created By
Created Date
Credit Document Type
Discount Date To
Doc currency code
Due Date
Finance Book
Pay Batch
Pay Currency
Pay Date
Pay Group Number
Payment Route
Pay Mode
Pay To Supplier
Priority
Request Date
Status
Supplier Code
Supplier Group From

Supplier Debit/Credit Note

Parameter Description
Anchor Date
Comments
Currency
Electronic Payment
Exchange Rate
Finance Book
Note Date
Note #
Note Type
Payment Instructions
Payment Method
Payment Mode
Payment Priority
Payment Processing Point
Pay Ref. Details
Pay Ref. Id
Pay Term
Status
Supplier Name
Supplier Note Amount
Supplier Note Date
Supplier Note #
Supplier #
Supplier Registered At
Тах
Total Amount
Usage ID

Anna

Note: This feature involves commercials and is not available for all customers. Please contact your Ramco Account Manager.

Ability to record tax information in Sundry Payment

Reference: AHBG-6483

Background

Sundry Payment is used to make one-time payments or payments for which a previous liability does not exist. Payments of miscellaneous expenses, one time charges etc., are typical examples of sundry payments. Currently, the application allows making the sundry payment excluding tax. Provision was required to record taxes in the sundry payment voucher and to enhance the tax reports to include the taxes added in the sundry payment voucher.

Change Details

- A new activity **Maintain Sundry Payment Voucher** (Refer Exhibit 1) is introduced in **Sundry Payment** business component. This new screen will replace the functionality of Create, Edit and Authorize screens.
- Maintain Sundry Payment Voucher screen is enhanced with Tax information tab to record taxes while making sundry Payments.
- The Payee related details are moved to the Payee Information tab.
- Only TCD of type tax can be recorded in **Sundry Payment Voucher** screen. Charges and Discounts cannot be added.
- The Maintain Sundry Payment Voucher screen launched through View select page will launch the Maintain Sundry Payment Voucher screen without any action buttons in it.
- The **Maintain Sundry Payment Voucher** screen invoked from Select page of **View Voucher** activity, will be launched without any action buttons in it.
- Tax Currency cannot be other than voucher currency (line currency) or base currency in tax information tab.
- Only Tax Codes applicable for Purchase transactions can be specified.
- Taxable Amount can be modified based on the set option introduced in **Set Finance Process Parameters** (see exhibit 2).
- Both taxes of Payable in nature (e.g. VAT) and withholding in nature (e.g. WHT) are allowed for recording tax in Sundry Payment.

Exhibit 1: Maintain Sundry Payment Voucher

🐐 > Payables Management > Sundry Payment > Maintain Sundry Payment Voucher																	
🔺 🗎 Maintain Sundry Payn	nent Voucher												:/\$		+	? [0 5
- Voucher Information																	
Voucher #	Voucher # SPV-000175-2017 Payment Cal											Status	Requested				
Request Date	2017/01/16	#			Finance B	ook CBA 🔻	•				N	umbering Type	SPV 🔻				- 11
- Payment Information																	- 11
Payee	XYZ Corporation				Pay Da	ate 2017/01/16					Elect	ronic Payment	No 💌				- 11
Pay Currency	CAD 🔻				Exchange Ra	ate		1.00000000	1			Pay Amount			2120	00	- 10
Payment Method	Regular 🔻				Payment Ro	ute Bank 🔻						Payment Mode	Check				- 11
Bank/Cash #	ICICI	Ŧ			Descript	tion Bank					Payment	Release Point	RAMCOOU	•			- 11
Instrument Charges	· · · ·	7			Prio	rity Medium	•					Ref.Doc #					- 11
Remarks																	
Basic Value Can\$ 2000.00 C	Tax an\$ 120.00	Can	VHT \$ 0.00	Total Voi Can\$	ucher Amount 2120.00												
Accounting Information Tax In	rormation Pa	ayee information														_	
(((1 - 1/1))) +		×					7 11		≝ ∞ ¢	#	HI III AII		•		_	Q	
# 🗆 Line # Tax Code	Variant # 🔎	Description	Tax Rate	Taxable Amount	Tax Amount	Tax Amt. in Bas	e Curr.	Currency	Cost Cente	r#P	Analysis # 🔎	Sub Analysis #	# Reference	e Informat	ion		
1 1 5-17	6%	5-TX:6%	6.00	2000.00000000	120.00000000	120.00000000		CAD 🗸					1/131000	131000/0	r/CAD/20	00.00	
2								CAD 🗸									
Tax Informati tax in Sundry	on tab to Payment	record				. .											•
Sundry Payment -> Maintain Sundry Payment \	/oucher													C	59 Minut	(s)	11:13 PM

Exhibit 2: Set Finance Process Parameter

	*		Set Finance Process	Parameters			Ran	nco Role - R	AMCO OU	- 2¢ 1		+	? 🖬 🗖
	Search Criteria Parameter Level Organization Unit Level V Business Process Parameter Level Organization Unit Level V Category Sundry Payment												
		Searc	h Results										_
	44	•	1 -1/1 > >> +	OT T.		▶ ■ ◙ 丞 図 箇 ∞	# # W	All		Ŧ			Q
	#		Business Process	Category	Process Parameter	Permitted Value	Value		Status	Error Me	ssage		
	1	D	Payable Management	Sundry Payment	Allow modification of taxable amount in Maintain Sundry Payment Voucher.	Enter '0' for 'No' and '1' for 'Yes'	1		Defined				
	2												
L													

Ability to record tax in Recurring Voucher Template

Reference: AHBG-6483

Background

The **Recurring Voucher** Template (see exhibit 3) is used to raise sundry payment vouchers to payees on a periodical basis. This template holds all common details pertaining to the voucher. Based on the pay date frequency selected, the sundry payment vouchers get generated. Currently there is no provision in **Recurring Voucher Template** to record taxes. The requirement is to enable recording of taxes in the **Recurring voucher** template.

Change Details

- Tax Key is introduced in Accounting Information multiline along with Tax #/ Description, Variant #/ Description, Tax Rate, Taxable Amount and Tax Amount.
- The above change is done in Create, Edit and View Recurring Voucher Template.

Exhibit 3: Recurring Voucher Template

	A > Payables Management > Sundry Payment > Edit Recurring Voucher																		
	Ed	lit Re	ecurring Voud	her							44 4 1	2 3 4	5 🕨 👐	4 /5 🕮			?	Co	ĸ
-	Ten	nplate	e Information —																*
-	Vou	icher	Information	nplate # SPVR-UU	10004-2016			Fin	апсе воок	CDA			Description						
			Require	d Date 2016/0	9/19		N	umbering Type for R	tecurring Vouchers	SPV		Recurring V	oucher Status	Fresh	Ŧ				
			Pay Date Fre	quency Monthly					Start Date	2016/09/19			End Date	2016/10/27					
				Day					Option										
-	Pay	ment	Electronic	Payment No 🔻	r			Paume	nt Method	Regular 🔻			Priority	Medium					
			Paymer	nt Route Bank	•			Payne	nent Mode	Check 🔻			Pay Currency	CAD 🔻					
			Exchang	je Rate		1.00000000		Pay	Amount		7000.00	В	ank/Cash/PTT #	ASB		Ŧ			
Description Code Payee ABC Instrument Charges										•				111					
			Payment Relea	se Point RAMCO	ou 🔻				Remarks										
	Acc	ounti	ing Information -															-	
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=			121000	Account # 121000	CAD	Amount E000.00	Dr/Cr	Base Amount	Tax Key	p Tax =/ Description	variant #/ Description	Tax Kate		ount	78	Amount			
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												lax Infor	mation	in Recur	ring				
		4										Vc	ucher s	creen				F	
Co	mpu	ute																	
			Base Credit	Amount 7000.00				Base Deb	it Amount	7350.00									*
Sundry	Payn	nent -	> Edit Recurring V	oucher Template			_		_			_		L.	P 0) 58 Minu	te(s)	11:2	O PM

Tax report impacted due to Sundry Payment

• Report on Tax Transactions – General

The sundry payment vouchers will additionally be listed in the report on Tax Transactions.

CВА	irways≡							Transad	ction Deta	ils					
Company Finance Boo Currency	9k	Aviation Se	ervices Inc.									Financial Year Financial Perio	d	01 Jan 2017 01 Feb 2017	- 31 Dec 2017 - 28 Feb 2017
Transaction Category	Transaction Type	Account Code	Document Date	Document #	Trading Partner #/ Name	Supplier Invoice #	TCD Code / Variant	Tax Key	Taxable On	Taxable Amount	Tax Amount (Dr)	Tax Amount (Cr)	Tax Category	Tax Class	Posting Doc #
Purchase	Sundry Payment Voucher	TCDTX5	02/02/2017	SPV- 000228-2017			5-TX / 6%	5-TX-6%	Line	1446.50	86.79	0.00	Std. Rated Purchases	TX-Taxable Supplies	
Purchase	Sundry Payment Voucher	TCDTX5	03/02/2017	SPV- 000229-2017			5-TX / 6%	5-TX-6%	Document	1446.50	86.79	0.00	Std. Rated Purchases	TX-Taxable Supplies	

WHAT'S NEW IN APPROVE ANYWHERE?

Ability to manage Invoice Authorization using iPhone

Reference: AHBG-1747

Background

Operational efficiency is one of the key parameters that decide an organization's performance. Operational efficiency is high when the time taken for processing documents in the organization is less. Quick processing of the transaction documents can be ensured, if supported by varied devices located at multiple locations. With the emergence of Smart phones, business software vendors have started developing various applications to improve the operational efficiency of an organization.

Ramco has already jumped into the mobile front and has delivered applications like Warehouse Anywhere, Mechanic Anywhere, Fly Anywhere and so on to improve the operational efficiency in Inventory, Work Centers and Flights respectively. Added to this, the **Approve Anywhere** application is a boon to the senior management personnel who are responsible for approval of various documents. The Approve Anywhere application reduces the dependencies on desktop application and ensures uninterrupted processing for the Authorizers. The Approve Anywhere application ensures optimized performance, improved processing, and greater agility thus delivering exponential productivity gains and is an incremental business value to the customer.

Change Details

The Approve Anywhere application provides the capability to authorize, release or return the following documents.

- Order Based Invoice
- Delivery Charges Invoice
- Direct Invoice
- Notes

This application is well integrated with the Ramco desktop application, therefore all the work done in this application can also be viewed using the desktop application and vice versa.

Approve Anywhere Application Pre-Requisites

The **Approve Anywhere** application requires the following recommended requirements for optimal user experience:

- 1. iPhone 5 or later.
- 2. iOS 9 or later.
- 3. Constant network connectivity via Wi-Fi or 3G/4G.
- 4. 100 MB or more free space.

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Note: Your carrier might charge you extra for data roaming if 3G/4G mobile data is used. When available, always prefer Wi-Fi connectivity over Mobile Data.

Installation Guide

The **Approve Anywhere** application is be available to install from the enterprise store and not from the Apple App Store. To access the enterprise store, contact your IT Admin team to get the URL of the host server. Now follow the below steps on the iPhone.

- 1. Ensure the device is connected to Wi-Fi or Mobile Data.
- 2. Open Safari.
- 3. Type in the URL provided in the Address bar and click GO.
- 4. On the Enterprise store listing, select the 'Approve Anywhere' app.
- 5. Click 'Install' on the popup to allow installation on the device.
- 6. Quit Safari.
- 7. Wait for the app installation to complete.
- 8. Tap on the App icon.
- 9. If Untrusted App Developer popup shows up, click on 'Trust'.
- 10. Quit the App.

Application Configuration

In order for the application to work seamlessly, there needs to be some configuration done for the **Approve Anywhere** application, which is discussed below.

- 1. General Settings
 - a) The general settings are the ones that will be defined by the IT team of the organization and is available in the iPhone Settings screen
 - b) These settings include the following:
 - Server Configuration
 - Default User/Role/Organization Unit Configuration
- 2. Application Settings
 - a) This screen facilitates the User to modify the following:
 - Context Role/Organizational Unit
 - Default Login UI for the Login OU/Role
 - To Do List
 - Supplier Order Based Invoice



- Delivery Charges
- Supplier Direct invoice
- Notes

Exhibit 1: Identifies the General and Application Settings screen

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DMUSER 00041383 Barros Bola	=	Settings ApproveAnywhere	e
RAMCO OU	Q	ALLOW APPROVEANYWHERE TO ACCE	SS
		Reminders	
	Sup	😡 Mobile Data	
OU - Role	3 Pa	APPROVEANYWHERE SETTINGS	
RAMCO OU - Ramco Role 👻		VIRTUALWORKS CONFIGURATION	
Default Login UI		User Name : dmuser	
To Do List		Password : ••••••	
Document List		Role : ramcorole	
To Do List Preference		OU : 2	
Deckhoord Declaration		Server-URL : http://180.179.164.19	92/ramcoservi
Dashboard Preference		Voice Out Msg :	\bigcirc
		Enable Debug :	
	Select All		

User Interfaces

The User Interfaces available in the application can be broadly classified as:

- 1. **Infrastructure User Interfaces** User Interfaces that assist the user in getting to the document in which the work needs to be carried out
- 2. Actionable User Interfaces User Interfaces that provide the user with the actions that can be performed in the application

Infrastructure User Interfaces

The Infrastructure User Interfaces available in the Approve Anywhere application are as follows.

- Menu Options
- To Do List
- To Do List Preferences

Menu Options

• This screen acts as the hub for the user to view the login details

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- There is a provision to configure the Favorite Activities and retrieve them when required
- Here the application settings can be configured for the Login User OU Role combination
- Above all, this screen lists the various activities for which alone the user has the access rights to perform in this mobile application. The access rights definition is similar to the one available for the access control in the desktop application

Exhibit 2: Identifies the Menu Options screen



To Do List and To Do List Preferences:

- 1. To **Do List** screen categorizes the Invoices and Notes to be authorized by the login user into different pre-defined categories.
- 2. Also, any document that is pending for approval can be verified in the filter categories defined by the user in the Custom Filters and act upon them.

The documents pending for authorization by login user in categorized in the following categories

- 1. Approval Due > 'x' days: Invoices & Notes for which Approval is due for more than 'x' no. of days from the last modified date
- 2. Document Value > 'Y' <Base Currency>: Invoices & Notes with total value greater than the value configured in the '**To Do List Preference**' screen
- 3. Recent Supplier Documents: Documents with the last modified date in the recent days, with the number of days configured in the '**To Do List Preference**' screen
- 4. Today's Supplier Document: Supplier Invoices & Notes that are created today

To **Do List Preference** is the screen in which user can configure the filter categories that are to be visible in the **To Do List** screen. Custom Filters can be defined using Supplier Name, Created by Employee #, Document Date, Due Date, Document Type and Status.

Exhibit 3: Identifies the To Do List and To Do List Preferences screen

••••∘ Airtel 🤶	13:24 To Do List	€ 52% ■)	••••• Airtel
¥≓ 4 Purchase	Ma	anage Filter	AOG ROs
Order	Approval Due > 9 Days	405 >	Customer ROs
&≫ 47 Repair	Recent Supplier Document	0 >	Exchange ROs
	Today Supplier Document	0 >	Today RO
415 Supp.Or d.Invoic			Repair Value > CAD
2			Recent ROs Days
Supp.DC.I nvoice			Supplier Invoice/Notes
Supp.D			Approval Due > 9 Days
e 463			Document Value > 9 USD
			Recent Supplier Document 5 Days
Y			✓ Todays Supplier Document >
Custom Filter			Custom Filter Manage Filter
			\checkmark

Actionable User Interfaces

The actionable user interfaces are the ones in which the user can record the work action that has been carried out in the application after reviewing a document. The possible actions in the application for a document will typically be 'Authorize', 'Match', 'Return' or 'Release'.

The current actionable user interfaces available in the application are listed below:

- 1. Order Based Invoice
 - a) Order Invoices list
 - b) Line level Details
 - c) TCD level Details
- 2. Delivery Charge Invoice
 - a) Delivery Charges Invoice list
 - b) Line level Details
- 3. Direct Invoice
 - a) Direct Invoices list
 - b) Line level Details
 - c) TCD level Details
- 4. Notes
 - a) Debit Credit Notes List

- b) Line level Details
- c) TCD level Details
- 5. General
 - a) Approver History

Invoices & Notes

The Invoices & Notes comprises of three screens in the Approve Anywhere application.

Invoices & Notes List

The **Invoices & Notes** screen lists all the Invoices recorded against documents (Purchase Order, Repair Order, Loan Order, Release Slip and Exchange Purchase Order, Delivery Charges Invoice, Expense Invoice, Item Invoice, Debit/Credit Note) pending authorization. All the key information of an Invoices & Notes is shown here in this screen so that the user can carry out the requested action then and there.

- 1. Details Displayed
 - a) Invoice/ Note #
 - b) Supplier Name
 - c) Finance Book
 - d) Invoice Date
 - e) Supplier Invoice #
 - f) Due date
 - g) Invoice Value
 - h) Variance Value (if applicable)
 - i) Order Type [PO/EPO/RO/LO] (if applicable)
 - j) Status [Matched (M), Auto-Match Failed (MF), Fresh (F)]

Exhibit 4: Identifies the Invoice & Notes list screens





- 2. Swipe Actions
 - a) Authorize
 - b) Match
 - c) Return
 - d) Release
 - e) Reminder
- 3. Bottom Bar Actions
 - a) Authorize
 - b) Return
 - c) Match
 - d) Reminder
 - e) Release

Exhibit 5: Identifies the Invoice & Notes list screens with Swipe Actions



Invoice & Notes Details

This screen provides the details of a selected Invoice/ Note document. The information is organized into header information, Line level Information multiline with a separate tab for TCD information multiline. Additional header information of the Invoice/ Note document can be viewed by clicking 'More'. The additional information displayed includes the Pay Term, Supplier Document #, Document Date, Due Date, Document value Details, Other Document Details, Comments etc. After reviewing the details of the Invoice/ Notes, the users can Authorize/Return/Release the document from this screen itself.



Line Details

This screen enables the user to view on the additional information of the line in the Invoice/ Note. The information displayed includes additional Line Level details such as Reference document # (e.g. Goods Inward #), Quantity, Rate, Amount, Variance, Accounting Usage, Costing Usage, Analysis/ Sub Analysis etc.

Line Details Order Inv# SI-001055-2017 Wore LN#01 PT# 171-L1 Can\$ 794.88 VALVE POTABLEH20 PO# APO00393317 Value Detail Basic Value Can\$ 794.88 Taxes Discount Charges Net Value Can\$ 794.88 Ref # GI-011100-2017/17 Jan 2017 Proposed/Invoice Qty 5/5 Proposed/Invoice Value 794.88/794.88 Variance Account Usage	•••• Airtel 穼		13:35	C 50% 🔳							
Order Inv# SI-001055-2017 More▼ LN#01 PT# 171-L1 Can\$ 794.88 VALVE POTABLEH20 PO# APO00393317 Value Detail Basic Value Can\$ 794.88 Taxes Discount Charges Net Value Can\$ 794.88 Additional Details Ref # GI-011100-2017/17 Jan 2017 Proposed/Invoice Qty 5/5 Proposed/Invoice Value 794.88/794.88 Variance Account Usage	<	Line	e Details								
More	Order Inv# SI	Order Inv# SI-001055-2017									
LN#01 PT# 171-L1 Can\$ 794.88 VALVE POTABLEH20 PO# APO00393317 Value Detail Basic Value Can\$ 794.88 Taxes Discount Charges Net Value Can\$ 794.88 Additional Details Ref # GI-011100-2017/17 Jan 2017 Proposed/Invoice Qty 5/5 Proposed/Invoice Value 794.88/794.88 Variance Account Usage	More										
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Ref # GI-011100-2017/17 Jan 2017 Proposed/Invoice Qty 5/5 Proposed/Invoice Rate 158.98/158.98 Proposed/Invoice Value 794.88/794.88 Variance Account Usage	Additional D	etails		_							
Proposed/Invoice Qty 5/5 Proposed/Invoice Rate 158.98/158.98 Proposed/Invoice Value 794.88/794.88 Variance Account Usage	Ref #		GI-011100-20 2017)17/17 Jan							
Proposed/Invoice Rate 158.98/158.98 Proposed/Invoice Value 794.88/794.88 Variance Account Usage	Proposed/Invo	oice Qty	5/5								
Proposed/Invoice Value 794.88/794.88 Variance Account Usage	Proposed/Invo	pice Rate	158.98/158.9	8							
Variance Account Usage	Proposed/Invo	pice Value	794.88/794.8	8							
Account Usage	Variance										
	Account Usag	le									
Costing Usage	Costing Usage	e									
Anl./Sub Anl. Code	Anl./Sub Anl.	Code									
Remarks	Remarks										

General Screens

Apart from the above screens, there are few screens that are common for all the Order Based Invoice, Delivery Charges Invoice, Direct Invoice and Notes activities.

Approvers List

The Approvers List screen lists the different authorizers who need to authorize the document. The screen will display the basic information of the document along with the approvers list. Also, the OU shall be displayed next to the user details.

Filter and Sort

Filtering of all the invoices & Notes can be done based on Date, Supplier Name, Order Type, Status etc., Sorting of all the invoice can be done on the Ascending and Descending order on the following basis:-

- a) Order Type
- b) Document Date
- c) Payment Due Date
- d) Value
- CHIMAN

Note: This feature involves commercials and is not available for all customers. Please contact your Ramco Account Manager.

WHAT'S NEW IN ACCOUNT BASED BUDGET?

Maintain Analysis Rule Definition for M&E Transactions

Reference: AHBG-8008

Background

In aviation industry, knowledge in profitability in different dimensions becomes imperative. Currently, this is enabled through CCRD (Cost Center Rule Definition) framework by capturing costs and revenue for M&E transaction against cost centers. But over the years, additional dimension of analysis is required due to vast verticals in aviation industry. This resulted in the extension of the already existing framework of *Analysis Code* which will allow the user to know the profitability from another dimension of the business transactions.

This enhancement brings improvements in **Account Based Budget** business component which allows the user to maintain the definition for *Analysis Code* for M&E transaction based on parameters. Currently, the application allows only *Aircraft to Analysis mapping* (based on the set option) or the *Default Analysis Code* for all the transactions. Requirement is to extend this through a rule definition for tracking the cost.

Change Details

This enhancement brings up the new screen **Maintain Analysis Rule Definition** (Refer Exhibit 1) in **Account Based Budget** business component under **Book Keeping** business process. The Maintain Screen gives flexibility to define the Analysis rule for the below mentioned *Events* with the help of applicable parameters like Aircraft Reg. #, Shop Job Type, Execution Category and Work Center # with effectivity dates. The resourcefulness of this is such that it is *a maintain* screen where user can define, edit and view the current definitions for the particular event. In addition, there is another context for *View* (Refer Exhibit 2), where user can view all the definitions which have been made for an event(s) up to date.

Events:

- 1. Repair Order
- 2. Non Component Repair Order
- 3. Shop Work Order Component
- 4. Shop Work Order Non Component
- 5. A/C Maint. Exe. Ref #
- 6. Asset Depreciation

Exhibit 1: Maintain Analysis Rule Definition - Maintain Screen



Exhibit 2: Maintain Analysis Rule Definition- View Screen

*) I	Maintain Analysis Rule Definiti	ion									Ramco	Role - RAMC	이 - 여 룸 후 수 역) [@
© Ma	ntain	View												10 H	
	Company Code											User can specifically search for the existing			
		Analysis Code 👂					Sear	ch By	v			\leq		definition	
- An	alysi	s Rule Definition Details	8					Aircraft R Shop Job Execution Work Cer	eg # Type n Category nter #						0
#	Ð	Event		Aircraft Reg. # 🔎	Shop Job Typ	be	Execution Category	Work Center #	Analysis Code 🗜	Analysis Co.	de Description	Effectiv	e from date	Effective To Date	7
1	8	Shop Work Order - Component	*	AT-2673	Facility	*	~	~	A1	A1		13/01/20	17	13/01/2017	T
2	Ð	Shop Work Order - Non Component	*		Project	~	*	*	A1	A1		01/01/20	16	01/01/2016	
3	Ð	Shop Work Order - Non Component	*	VT-1823	Miscellaneous	• •	~	~	A3	A3		17/01/20	17		Т
4		Shop Work Order - Non Component	*		Miscellaneous	• •	~	~	A3	A3		01/01/20	17	01/01/2017	
5	8	Shop Work Order - Component	~	AB-7911	Engine	~	~	~	AS	A5		16/01/20	17	16/01/2017	
6		Non Component Repair Order	~	AC-883		*	*	~	A1	A1		01/01/20	17		
7	Ð	Non Component Repair Order	*			~	*	~	A2	A2		01/01/20	17		
8	1	Shop Work Order - Non Component	~		Project	*	*	~	A1	A1		01/01/20	16	01/01/2016	
9		A/C Maint. Exe. Ref #	*	VY-909		*	*	~	A3	A3		01/01/20	17		
10	Ð	Repair Order	•			*	*	*	A5	A5		01/01/20	17		
11		Repair Order	~			*	*	~	A3	A3		01/01/20	17		
12			~			*	×	×							

Hierarchy Rule

For the events mentioned above, if any Revenue or Expense account is being posted and has a mapping to analysis code, then such analysis code shall be picked up from **Maintain Analysis Rule Definition** screen even if for the same transaction Aircraft to Analysis Code mapping is available.

If analysis code is not defined / derived in **Maintain Analysis Rule Definition**, then application will pick up the analysis code from Aircraft to Analysis Code mapping. If Aircraft to Analysis Code mapping is not available then application will retrieve default Analysis code mapped for that account code.

WHAT'S NEW IN ASSET DEPRECIATION PROCESSING?

Ability to allocate depreciation to contracts based on usage or mapping of asset to aircraft

Reference: AHBG-9025

Background

In Aviation Industry, the significant assets being Aircraft / Helicopters, the need to capture, calculate and segregate the depreciation cost is required for quality reporting and analysis of profitability at Aircraft level. Currently, application supports this functionality with the assistance of *Cost Center* by allocating the *Usage based depreciation* cost to the required cost centers, but there is additional requirement to enhance the allocation of depreciation cost at a different level i.e. *Analysis Code*.

This enhancement brings improvements in 'Allocation Tab' of **Confirm Usage & View Depreciation** screen under **Asset Depreciation Processing** business component in **Fixed Asset Management** Business Process. Currently, the application via *Analysis Code* allows tracking of depreciation cost for *Default Analysis Code* assigned to the depreciation account code(s). However, requirement is to capture the depreciation cost based on some parameter(s) as well.

Change Details

This enhancement allows user to retrieve usage information (in Confirm Usage & View Depreciation Screen-Refer Exhibit 1) at an Aircraft level for Assets which are Depreciated based on Usage (Usage Based Depreciation), so that Analysis code can be derived at aircraft level based on definition in Analysis Rule Definition or Aircraft-Analysis mapping. This is done primarily to capture depreciation cost at the analysis code level.

Similarly for Non-Usage based depreciated assets which are related to aircrafts (e.g. Airframe Assets which are depreciated on SLM basis), based on the 'Asset # Tag # – Aircraft Reg. #' mapping in Maintenance Asset Tracker (MAT), the analysis code can be derived based on Analysis Rule Definition or Aircraft – Analysis Mapping. Analysis Rule Definition is enhanced to enable definition for the event "Asset Depreciation" with the Parameters "Aircraft Registration #', Asset Location. (Refer Exhibit 2). A new set option is introduced in **Set Finance Process Parameter** activity (Refer table below) to enable derivation of Analysis codes based on the above options (Analysis Rule Definition / Aircraft-Analysis Mapping). These set options need to be defined separately for Usage / Non-Usage Based Assets.

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Table	showing	the new s	set options	in Set	Finance	Process	Parameters:

Category	Process Parameter	Permitted Value
Asset Depreciation	Analysis retrieval for Usage	Enter '0' for Analysis Rule Definition, '1' for Aircraft-
Processing	Depreciated Assets based on	Analysis Mapping and '2' for Default Analysis Code
Asset Depreciation	Analysis Retrieval for Life	Enter '0' for Analysis Rule Definition, '1' for Aircraft-
Processing	Depreciated Assets using MAT	Analysis Mapping and '2' for Default Analysis Code
	mapping based on	

Exhibit 1: Allocation tab of Confirm & View Depreciation



Exhibit 2: Maintain Analysis Rule Definition - For Asset Depreciation

Maintain View Company Code Company Code Event Asset Depreciation Analysis Code P As on Date Bearch Search As on Date BolyOlZ2017 Search Shop Job Type Shop Job Type	1	k [Ì	Maintain Analysis	Rule Definition							Ramco Role - RA	AMCO OU 👻 式 🖷		
Company Code Event Asset Depreciation Analysis Code Ø Search By Analysis Code Ø As on Date 06/02/2017 Search Search By Search Search Search Search By Search Search	0	Mai	ntain	© View											
Analysis Code P As on Date D6/02/2017 Image: Code P As on Date D6/02/2017 <td></td> <td></td> <td></td> <td>Company Co</td> <td>ode</td> <td>•</td> <td></td> <td>Event Asset</td> <td>Dep</td> <td>reciation</td> <td>T</td> <td></td> <td></td> <td></td> <td></td>				Company Co	ode	•		Event Asset	Dep	reciation	T				
Search Analysis Rule Definition Details			earci	Analysis Code	٩			Search By		▼		As On	Date 06/02/2017	(<u>***</u>)	
Analysis Rule Definition Details Image: State Definition Details <td></td> <td>_</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Sear</td> <td>:h</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		_						Sear	:h						
# Event Aircraft Reg. # Ø Shop Job Type Execution Category Work Center # Asset Location Code Ø Analysis Code Ø </td <td></td> <td>-) - AI</td> <td>nalys (</td> <td>is Rule Definition Deta</td> <td>ails + - □ - ▼ ▼,</td> <td></td> <td></td> <td></td> <td></td> <td>人国</td> <td>JXZÓV</td> <td>👎 📾 💷 🛛 All</td> <td>•</td> <td></td> <td>Q</td>		-) - AI	nalys (is Rule Definition Deta	ails + - □ - ▼ ▼,					人 国	JXZÓV	👎 📾 💷 🛛 All	•		Q
1 Asset Depreciation v 1101 v v New Delhi A1 A1 01/01/2017 2 Asset Depreciation v 1102 v v Mumbai A2 A2 01/01/2017 3 Asset Depreciation v 1103 v v Kolkata A3 A3 01/01/2017 4 Asset Depreciation v 1104 v v Chennai A4 A4 01/01/2017 5 v v v v v New Delhi A4 A4 01/01/2017		#		Event	Aircraft Reg. # 🔎	Shop Job Type	Execution Category	Work Center #		Asset Location Code 🔎	Analysis Code 🔎	Analysis Code Description	Effective from date	Effective To D	ate
2 Asset Depreciation v 1102 v v Mumbai A2 A2 01/01/2017 3 Asset Depreciation v 1103 v v Kolkata A3 A3 01/01/2017 4 Asset Depreciation v 1104 v v Chennai A4 A4 01/01/2017 5 v v v v Chennai A4 A4 01/01/2017		1		Asset Depreciation 🗸	1101	~	*		•	New Delhi	A1	A1	01/01/2017		
3 Asset Depreciation v 1103 v v Kolkata A3 A3 01/01/2017 4 Asset Depreciation v 1104 v v Chennai A4 A4 01/01/2017 5 v v v v v No No No		2		Asset Depreciation 👻	1102	*	*		٠	Mumbai	A2	A2	01/01/2017		
4 Asset Depreciation v 1104 v v Chennai A4 A4 01/01/2017 5 0 v v v v V V		3		Asset Depreciation 🗸	1103	~	~		۲	Kolkata	A3	A3	01/01/2017		
		4		Asset Depreciation 🗸	1104	~	~		۲	Chennai	A4	A4	01/01/2017		
		5		*		~	~		*						

1. Hierarchy Rule

In **Set Finance Process Parameter,** if user has set *Analysis Rule Definition* and for any transaction parameters are not satisfied based on definition then the existing framework of retrieving analysis code shall be followed i.e. Aircraft to analysis code mapping (if Aircraft Based Accounting is set as Yes) else default analysis code based on assigning analysis code to Account code. This hierarchy is applicable for both Usage / Non Usage based depreciated Assets.

2. <u>Retrieval Logic- Cost Center</u>

Currently, application does not retrieve the cost center in **Confirm and View Depreciation** screen. It is just an editable control which permits the user to segregate the depreciation cost by specifying different cost center. This enhancement retrieves the cost center which was provided during the creation of the Asset Record. However, user is allowed to modify the same and can specify the cost center and save the details to process and confirm the depreciation.

3. <u>Retrieval Logic- Analysis Code</u>

This editable control is enabled as part of this enhancement which shall fetch the *Analysis Code* based on the set options in Set Finance Process Parameter. If Process Parameter 'Analysis retrieval for Usage Depreciated Assets based on' is 'Analysis Rule Definition', and if the Usage based depreciation satisifies the conditions defined in rule, then in *Allocation* tab, Analysis Code and *Description* shall be displayed. However, user is allowed to modify the same and can specify the *Analysis Code* and save the details to process and confirm the depreciation.

WHAT'S NEW IN FIXED ASSET REPORTS?

Ability to Review Aircraft Value Based on Aircraft Configuration

Reference: AHBG-8419

Background

In Aviation industry, it will be a boon for the organization to know the current capitalized book value of their important asset being utilized in and out and also being the important source of revenue. Aircraft is itself configured with many components which are capital in nature. Currently, application allows viewing the current book value of components alone with the help of **View Asset Record** screen if Maintenance Asset Tracker mapping is available for that component and asset-tag. However, users would require reviewing the value of Aircraft as a whole for a given date.

This enhancement eases the task carried out by the user to review the aircraft value by deriving the value of capital parts, which are attached to the aircraft based on Maintenance Asset Tracker for an Aircraft Registration number, Aircraft Model number and Aircraft Group.

Change Details

A new screen is introduced to review the value of Aircraft(s). New activity **Review Aircraft Value** under the **Reports – Fixed Asset Management** business component, allows the user to review the value instantaneously for an Aircraft tail / registration number in On Screen View section (Refer Exhibit 1) and for multiple aircrafts by specifying Aircraft Model number (or) and Aircraft Group number or so on in Offline Report section (Refer Exhibit 2). User will be able to download the bulk report in excel spread sheet when the status of the Run # becomes 'Completed' status from 'In-Progress'.

Summary of Aircraft value at component type level

This screen summarizes the book value of Aircraft at component type level viz., Engine, APU, Landing Gear and Others. Additionally, Airframe is also included in the above mentioned summary section and the book value of the same is also arrived based on the maintenance asset mapping directly available for aircraft tail/registration number and asset-tag.

1. On Screen View:

In this screen, user can easily fetch the report for an aircraft either for current date or previous period end date(s). Multiline details provide conglomerate data of three attributes namely Part-Serial, Asset and Aircraft details. If user has mapped the part-serial (Component Id) with an asset-tag, then the cumulative cost and book value will be fetched against the respective component type in multiline details. Red icon indicates that the component is not mapped with asset-tag which comes under exception category and Green icon indicates that the same has been mapped with an asset-tag. The On Screen View enables to review aircraft value for one aircraft at a time. In order to extract reports for more than one aircraft tail / registration number, Offline Report shall be used.

Tree, on the other hand assists user to review the details at detailed component level in aircraft configuration.

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When user clicks on a node, the details of that particular node with all its child components shall be fetched in multiline.

Exhibit 1: Review Aircraft Value screen - On Screen View

* 🗎 Review Aircraft Value									Ra	mco Role - RAMCO OL	· → 34		? []
Report Type: 🔘 On Screen View 👘 Off	fline Rep	oort											
Aircraft Reg. # P CC1914		Date	03/02/20	17 🛗	Get								
CC1914 Model # B767-200	т	otal Valu	Je	Airframe	Engine		APU		Land	ing Gear	Others		
Active MSN # MSN1914	920	00.0000	0000	0.0000000	0.0000000		3000.00000000)	25000	.00000000	64000.0000	0000	
			Airc	raft Value						Show Exception	Yes		•
	-	44	3	- 13 / 13 🕨 🗰 🔳	Tx	ЪJ			II All		Ŧ		Q
		#	Exp.	Part #	Part Description		Serial #	Part MSN #		Asset #	Tag #	Asset Co	ist
CC1914 B767-200 92000.00000000		3	•	AIRFRAME			AIRFRAME						
AIRFRAME 0.0000000		4	•	161T0000-192:36361	MAIN LANDING R/H GEAR		CC1914103						
	NOL	5	•	161T0000-223:36361	MAIN LANDING L/H GEAR		CC1914104						
BATI 024453-000:09052 APU BATTERY CC19142	16	6	•	162T0000-24:81205	NOSE LANDING GEAR ASSEMBLY		CC1914110			APU-1	1		
MLG-LH 161T0000-223:36361 MAIN LANDING L/H GE	AR	7	•	132-32-2069:99999	N.L.G AXLE (THRE BULLET		CC1914219						
MLG-RH 161T0000-192:36361 MAIN LANDING R/H GI	EAF	8	•	126812-1:59364	ACTUATOR		CC1914217			V_HULL-4	1		
NLGII162T0000-24:81205IINOSE LANDNG GEAR ASSE	EME	9	•	\$160T300-22:81205	WHEEL & TIRE MLG WHEELASSY		CC1914218						
- ACTII126812-1:59364IIACTUATORIICC1914217IIC	005	10	•	103592:16954	PUMP		CC1914323			V_Hull-5	1		
- PMPII103592:16954IIPLIMPIICC1914323IIC005	049	11	•	PS9836:99212	TROLLEY		CC1914107						
AXI II132-32-2060-000000IN L G AXI E (THRE BUIL	FTI	12	•	PS9836:99212	TROLLEY		CC1914108						
WTAIL01607000 20:01061WULFEL & TIDE MLC/W		13	•	PS9836:99212	TROLLEY		CC1914109						
WTAIS 1001300-22:81205 WHEEL & TIRE MLG W	HEL												

2. Offline Report:

Offline Report allows the user to review the value of more than one aircraft by generating report either based on Aircraft Model / Group number. Run # shall be generated and the same can be used to track the status of the report (initially it will be in 'In Progress' status). Prescheduled back-end scheduler routine shall process this Run # and status is changed as 'Completed'. The generated report can be downloaded by clicking on the 'File Name'. Offline Report displays the summary of multiple aircraft and their values as a summary and with a detailed report similar to that of the multiline details in *On Screen View.*

Exhibit 2: Review Aircraft Value screen - Offline Report

*	D, I	Review Aircraft Value					Ramco Role - RAMCO	0U ~ J‡	₽ ←	?	0
		Report Type: 🔘 O	n Screen View 🔘 Offline Report								
	Senera	ate Report									
		Company	¥	A/0	C Model # ALL	v	A/C Group ALL			•	
		Aircraft Reg. # 👂			Date 03/02/2017		Aircraft Status ALL			•	
		Incl. Exceptions									
		t Consel			Generate						
	сероп	Run #		F	un Status ALL	•	Generated by				
		Addl. Search by Air	rcraft Reg.# 💌	Report	Date from 03/11/2016	1.001 1.001	Report Date to 03/02	/2017		雦	
44	4	1-8/10 > >> T.			Get Details	. 11 回 X 反 首 早 看 川	All	v			Q
#		Run #	Run Status	Report Date	Generated by	Report Generated On		File Name			
1		20170201REP0007	Completed	01/02/2017	Data Migration User	01/02/2017		2-20170201-	04.xlsx		
2		20170201REP0010	Completed	01/02/2017	Data Migration User	01/02/2017					
3		20170201REP0012	Completed	01/02/2017	Data Migration User	01/02/2017		2-20170202-	01.xlsx		
4		20170120REP0001	Completed	20/01/2017	Data Migration User	20/01/2017		2-20170201-	04.xlsx		
5		20170125REP0004	Completed	25/01/2017	Data Migration User	25/01/2017		2-20170201-	04.xlsx		
6		20170201REP0011	Completed	01/02/2017	Data Migration User	01/02/2017					
7		20170201REP0005	Completed	01/02/2017	Data Migration User	01/02/2017		2-20170201-	04.xlsx		
8		20170201REP0006	Completed	01/02/2017	Data Migration User	01/02/2017		2-20170201-	04.xlsx		

WHAT'S NEW IN COST BUDGET?

Ability to Capture Cost Budget at CC-Analysis-CE level

Reference: AHBG-7757

Background

This enhancement ushers improvements in Cost Budget screen of the **Management Accounting** business Process. Currently, the application supports creating budgets at the Cost Center and Cost Center-Cost Element level. A requirement was to define cost budget at a much lower level including analysis code for a detailed analysis.

Change Details

This enhancement allows the user to define the cost budget at the Cost Element-Cost Center-Analysis Code-Sub-Analysis Code level and report the variance between the budget and the actuals for the defined period. The new definition type CC-Analysis-CE is enabled for period(s) of both the budget types namely quantity and values.

A new set option is also introduced (see exhibit 1) in the **Set Finance Process Parameter** activity, which manages the auto creation of budgets for other definition types- Cost Center (CC) and Cost Center-Cost Element (CC-CE), if CC-Analysis-CE budget is authorized, by rolling up the CC-Analysis CE budget. Users can extract the report- MAC Budget Vs Actual (see exhibit 2) which is now enhanced for the budget type- CC-Analysis-CE to analyze the actual cost incurred, variance and variance % for the defined budgets.

Additionally, the **View Cost Budget** screen (see exhibit 3) is also enhanced to display Actual Amount, variance and Variance % against the budget defined.

\star 📋 Set Finance Process Par	rameters		Ramco Role - RAMCO OU 🔻	≭ ≣	₽ ←	? 🗔 (
Search Criteria Parameter Level	Organization Unit Level 🛛 🔻	Business Process Management Accounting	Category Cost Bu	dget		V
(4) 4 1 - 1/1 → → + □	Τ		≝ x3 # += 010 All	Ŧ		Q
# Business Process	Category	Process Parameter	Permitted Value	Value	Status	Error
1 🖾 Management Accounting	Cost Budget	Automatically roll up Cost Budgets from Definition Type -'CC-Analysis-CE'	Enter '0' for 'No' and '1' for 'Yes'	1	Defined	
2						
4			New set option for au creation of budget typ CC & .CC-CE by rolling	uto pes- up.		ŀ
		Set Parameters				

Exhibit 1: Set Finance Process Parameters

1. Auto Creation of Cost Budget

If the above mentioned set option is set as *yes*, then cost budgets for other 2 definition type- Cost Center and Cost Center - Cost Element (CC-CE) shall be automatically rolled up on authorization of cost budget type Cost Center–Analysis-Cost Element (CC-Analysis-CE). The numbering of the auto cost budget creation is such that cost budgets

viz., Cost Center and Cost Center-Cost Element shall be generated by replicating the budget number for definition type- 'CC-Analysis-CE' with a suffix of '-1' for Cost Center and '-2' for Cost Center-Cost Element.

2. Amendment of Auto Created Budgets

Automatically generated cost budgets cannot be modified. But if cost budget type- CC-Analysis-CE is amended then the other higher level budgets, which were automatically created against the same shall get amended with new version number on authorization, irrespective of the set options in the **Set Finance Process Parameters** activity.

Exhibit 2: MAC Budget Vs Actual Report

	Budget Vs Actual Report													
			Period fro	m January 2011	i to	12			New chang	es made	e in			
Budget No:	CBUD09		Version No: 9		Budget Definition Type: CC-Analysis-CE			MAC Budget Vs Actual Report						
Cost Center	Description	Cost Element	Description	Analysis Code	Description	Sub Analysis Code	Description	ctual Amount	Budget Amount	Variance	Variance %			
CC1	CC1	500000	Labour Charges	A1	A1	SA1	SA1	0.00	1000.00	1000.00	100.00			
CC2	CC2	514100	Other Cost	A2	A2	Sa2	SA2	1000.00	2000.00	1000.00	50.0			
ССЗ	CC3	80000	Training Expenses	A3	A3	Sa3	SA3	-2000.00	3000.00	1000.00	33.3333333			
CC4	CC4	710500	Interest Expense	A4	A4	sa4	SA4	0.00	0.00	0.00	0			
CC5	CC5	710100	Bank Fees	A5	A5	SA5	SA5	1000.00	0.00	-1000.00	-100.00			

Exhibit 3: View Cost Budget



Note that in MAC Budget Vs Actual Report and View Cost Budget- Actual Amount, Variance and Variance % shall be displayed only for budget type - 'Value'. Even, if a Budget Definition type is defined for budget type 'Both' i.e. 'Quantity' and 'Value', these values will be displayed only for value.

To support the existing functionality of retrieving values in the **Actual Amount** column, the user must incorporate the financial transaction in the **Incorporate Financial Transaction** activity of the **MAC Incorporation** component in the **Management Accounting** business process.

Corporate Office and R&D Center

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